

**DRAFT**

TECHNICAL MANUAL

VRF INVERTER MULTI-SYSTEM AIR-CONDITIONERS

(INDOOR UNIT)

Ceiling cassette-4 way type

FDT28KXZE1
36KXZE1
45KXZE1
56KXZE1
71KXZE1
90KXZE1
112KXZE1
140KXZE1
160KXZE1

Ceiling cassette-4 way compact type

FDTC15KXZE1
22KXZE1
28KXZE1
36KXZE1
45KXZE1
56KXZE1

Ceiling cassette-2 way type

FDTW28KXE6F
45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F

Ceiling cassette-1 way type

FDTS45KXE6F
71KXE6F

Duct connected-High static pressure type

FDU45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F
160KXE6F
224KXZE1
280KXZE1

Duct connected-Low/Middle static pressure type

FDUM22KXE6F
28KXE6F
36KXE6F
45KXE6F
56KXE6F
71KXE6F
90KXE6F
112KXE6F
140KXE6F
160KXE6F

Duct connected (thin)-Low static pressure type

FDUT71KXE6F-E

Wall mounted type

FDK15KXZE1
22KXZE1
28KXZE1
36KXZE1
45KXZE1
56KXZE1
71KXZE1
90KXZE1

Ceiling suspended type

FDE36KXZE1
45KXZE1
56KXZE1
71KXZE1
112KXZE1
140KXZE1

Outdoor air processing unit

FDU650FKXZE1
1100FKXZE1
1800FKXZE1
2400FKXZE1

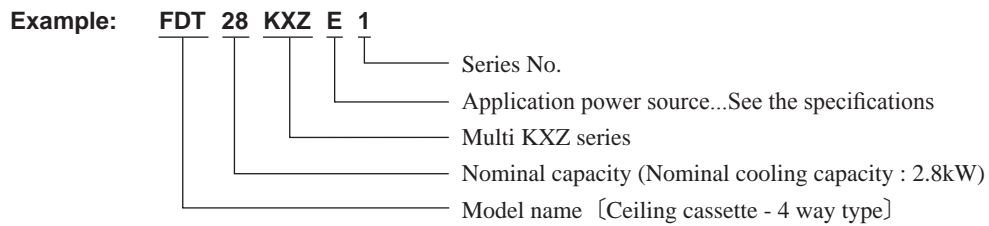
• Note:

(1) This document describes the indoor units with service code /F (with motion sensor system function).

CONTENTS

1. SPECIFICATIONS	.....	2
2. EXTERIOR DIMENSIONS	.....	19
(1) Indoor units	.....	19
(2) Remote control (Option parts)	.....	42
3. ELECTRICAL WIRING	.....	45
4. NOISE LEVEL	.....	63
5. CAPACITY TABLES	.....	70
6. OPTION PARTS	.....	132
6.1 Motion sensor kit	.....	132

■ How to read the model name



1. SPECIFICATIONS

(1) Ceiling cassette-4 way type (FDT)

Models FDT28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1, 71KXZE1

Models	FDT28KXZE1	FDT36KXZE1	FDT45KXZE1	FDT56KXZE1	FDT71KXZE1
Panel model (Option)	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E
Nominal cooling capacity*1	2.8	3.6	4.5	5.6	7.1
Nominal heating capacity*2	3.2	4.0	5.0	6.3	8.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling 0.04 - 0.04 / 0.04	Cooling 0.04 - 0.04 / 0.04	Cooling 0.04 - 0.04 / 0.04	Cooling 0.07 - 0.07 / 0.07	Cooling 0.08 - 0.08 / 0.08
Running current	Heating 0.36 - 0.33 / 0.36	Heating 0.36 - 0.33 / 0.36	Heating 0.36 - 0.33 / 0.36	Heating 0.62 - 0.57 / 0.62	Heating 0.70 - 0.64 / 0.70
Sound Pressure Level	Heating 0.36 - 0.33 / 0.36	Heating 0.36 - 0.33 / 0.36	Heating 0.36 - 0.33 / 0.36	Heating 0.62 - 0.57 / 0.62	Heating 0.70 - 0.64 / 0.70
Sound Power Level	P-Hi : 38 Hi : 33 Me : 30 Lo : 28	P-Hi : 38 Hi : 33 Me : 30 Lo : 28	P-Hi : 38 Hi : 33 Me : 31 Lo : 29	P-Hi : 44 Hi : 33 Me : 31 Lo : 29	P-Hi : 47 Hi : 35 Me : 32 Lo : 28
Exterior dimensions Height x Width x Depth	55	55	55	60	62
Exterior appearance (Munsell color)	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950
Net weight*3	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Refrigerant equipment Heat exchanger	Unit : 20 Standard panel : 5	Unit : 20 Standard panel : 5	Unit : 20 Standard panel : 5	Unit : 21.5 Standard panel : 5	Unit : 21.5 Standard panel : 5
Refrigerant control	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Air handling equipment Fan type & Qty	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Fan motor	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1
Starting method	58	58	58	58	58
Air flow (Standard)	Direct line start	Direct line start	Direct line start	Direct line start	Direct line start
Available static pressure	P-Hi : 20 Hi : 14 Me : 12 Lo : 10	P-Hi : 20 Hi : 14 Me : 12 Lo : 10	P-Hi : 20 Hi : 15 Me : 13 Lo : 10	P-Hi : 26 Hi : 16 Me : 13 Lo : 11	P-Hi : 28 Hi : 17 Me : 14 Lo : 12
Outside air intake	0	0	0	0	0
Air filter, Qty	Possible	Possible	Possible	Possible	Possible
Shock & vibration absorber	Pocket plastic net x 1 (Washable)	Pocket plastic net x 1 (Washable)	Pocket plastic net x 1 (Washable)	Pocket plastic net x 1 (Washable)	Pocket plastic net x 1 (Washable)
Insulation (noise & heat)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Operation control	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Remote control switch (option)	Wired : RC-EX3A, RC-E5, RCH-E3	Wired : RC-EX3A, RC-E5, RCH-E3	Wired : RC-EX3A, RC-E5, RCH-E3	Wired : RC-EX3A, RC-E5, RCH-E3	Wired : RC-EX3A, RC-E5, RCH-E3
Room temperature control	Wireless : RCN-T-5AW-E2	Wireless : RCN-T-5AW-E2	Wireless : RCN-T-5AW-E2	Wireless : RCN-T-5AW-E2	Wireless : RCN-T-5AW-E2
Safety equipment	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Installation data	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Refrigerant piping size	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Connecting method	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 6.35 (1/4") <Flare piping>	φ 9.52 (3/8") <Flare piping>
Refrigerant	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 12.7 (1/2") <Flare piping>	φ 15.88 (5/8") <Flare piping>
Drain pump	Flare piping	Flare piping	Flare piping	Flare piping	Flare piping
Drain hose	R410A	R410A	R410A	R410A	R410A
Insulation for piping	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Accessories	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Exterior dimensions	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Electrical wiring	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
	PJF000Z417	PJF000Z417	PJF000Z417	PJF000Z417	PJF000Z417
	PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421

Notes (1) The data are measured at the following conditions.
Adapted to **RoHS** directive

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Operation	27°C	19°C	35°C	24°C	ISO-T1
Heating*2	20°C	7°C	7°C	6°C	

(2) This packaged air-conditioner is manufactured and tested in conformity with the following standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"
(3) Draft prevention panel weight*3 : 6kg
(4) Option : Motion sensor kit (LB-T-5W-E)


Models FDT90KXZE1, 112KXZE1, 140KXZE1, 160KXZE1

Models	FDT90KXZE1	FDT112KXZE1	FDT140KXZE1	FDT160KXZE1
Panel model (Option)	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E	Standard: T-PSA-5AW-E Draft prevention: T-PSAE-5AW-E
Nominal cooling capacity*1	9.0	11.2	14.0	16.0
Nominal heating capacity*2	10.0	12.5	16.0	18.0
Power source	1 Phase 220-240 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	0.13 - 0.13 / 0.13	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14
Heating	0.13 - 0.13 / 0.13	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14	0.14 - 0.14 / 0.14
Cooling	1.04 - 0.95 / 1.04	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12
Heating	1.04 - 0.95 / 1.04	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12	1.12 - 1.02 / 1.12
Sound Pressure Level	P-Hi : 49 Hi : 36 Me : 36 Lo : 31	P-Hi : 49 Hi : 39 Me : 37 Lo : 31	P-Hi : 49 Hi : 42 Me : 39 Lo : 32	P-Hi : 49 Hi : 42 Me : 39 Lo : 33
Sound Power Level	65	66	66	66
Exterior dimensions	Unit : 298 x 840 x 840 Panel : 35 x 950 x 950	Unit : 298 x 840 x 840 Panel : 35 x 950 x 950	Unit : 298 x 840 x 840 Panel : 35 x 950 x 950	Unit : 298 x 840 x 840 Panel : 35 x 950 x 950
Exterior appearance (Munsell color)	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight*3	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5	Unit : 25 Standard panel : 5
Refrigerant equipment Heat exchanger	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment Fan type & Qty	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1	Turbo fan x 1
Fan motor	120	120	120	120
Starting method	Direct line start	Direct line start	Direct line start	Direct line start
Air flow (Standard)	P-Hi : 37 Hi : 25 Me : 22 Lo : 15	P-Hi : 38 Hi : 26 Me : 23 Lo : 17	P-Hi : 38 Hi : 28 Me : 25 Lo : 18	P-Hi : 38 Hi : 29 Me : 26 Lo : 19
Available static pressure	0	0	0	0
Outside air intake	Possible	Possible	Possible	Possible
Air filter, Qty	Pocket plastic netx 1 (Washable)	Pocket plastic netx 1 (Washable)	Pocket plastic netx 1 (Washable)	Pocket plastic netx 1 (Washable)
Shock & vibration absorber	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2	Wired : RC-EX3A, RC-E5, RCH-E3 Wireless : RCN-T-5AW-E2
Remote control switch (option)	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Safety equipment	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>
Installation data	Liquid line	Liquid line	Liquid line	Liquid line
Refrigerant piping size	Gas line	Gas line	Gas line	Gas line
Connecting method	Flare piping	Flare piping	Flare piping	Flare piping
Refrigerant	R410A	R410A	R410A	R410A
Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Insulation for piping	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions	PJF000Z418	PJF000Z418	PJF000Z418	PJF000Z418
Electrical wiring	PJF000Z421	PJF000Z421	PJF000Z421	PJF000Z421

Notes: (1) The data are measured at the following conditions. Adapted to RoHS directive

Item	Indoor air temperature		Outdoor air temperature		Standards
	DB	WB	DB	WB	
Cooling*1	27°C	19°C	35°C	24°C	ISO-T1
Heating*2	20°C	7°C	6°C	6°C	

- (2) This packaged air-conditioner is manufactured and tested in conformity with the following standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"
- (3) Draft prevention panel weight*3 : 6kg
- (4) Option : Motion sensor kit (LB-T-5W-E)

PJF000Z416 

(2) Ceiling cassette-4 way compact type (FDTC)

Models FDTC15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1

Models	FDTC15KXZE1	FDTC22KXZE1	FDTC28KXZE1	FDTC36KXZE1	FDTC45KXZE1	FDTC56KXZE1
Panel model (Option)	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E	Standard: TC-PSA-5AW-E Draft prevention: TC-PSAE-5AW-E
Nominal cooling capacity*1	1.5	2.5	2.8	3.6	4.5	5.6
Nominal heating capacity*2	1.7	2.5	3.2	4.0	5.0	6.3
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling: 0.03-0.03 / 0.03 Heating: 0.03-0.03 / 0.03	Cooling: 0.03-0.03 / 0.03 Heating: 0.03-0.03 / 0.03	Cooling: 0.03-0.03 / 0.03 Heating: 0.03-0.03 / 0.03	Cooling: 0.04-0.04 / 0.04 Heating: 0.04-0.04 / 0.04	Cooling: 0.05-0.05 / 0.05 Heating: 0.05-0.05 / 0.05	Cooling: 0.06-0.06 / 0.06 Heating: 0.06-0.06 / 0.06
Running current	Cooling: 0.25-0.22 / 0.25 Heating: 0.25-0.22 / 0.25	Cooling: 0.25-0.22 / 0.25 Heating: 0.25-0.22 / 0.25	Cooling: 0.25-0.22 / 0.25 Heating: 0.25-0.22 / 0.25	Cooling: 0.38-0.35 / 0.38 Heating: 0.38-0.35 / 0.38	Cooling: 0.43-0.40 / 0.43 Heating: 0.43-0.40 / 0.43	Cooling: 0.54-0.50 / 0.54 Heating: 0.54-0.50 / 0.54
Sound Pressure Level	Cooling: P-Hi: 33 Hi: 30 Me: 28 Lo: 25 Heating: P-Hi: 33 Hi: 30 Me: 26 Lo: 22	Cooling: P-Hi: 35 Hi: 32 Me: 29 Lo: 25 Heating: P-Hi: 35 Hi: 32 Me: 29 Lo: 25	Cooling: P-Hi: 35 Hi: 32 Me: 29 Lo: 25 Heating: P-Hi: 35 Hi: 32 Me: 29 Lo: 25	Cooling: P-Hi: 39 Hi: 36 Me: 31 Lo: 26 Heating: P-Hi: 39 Hi: 36 Me: 31 Lo: 26	Cooling: P-Hi: 43 Hi: 39 Me: 36 Lo: 28 Heating: P-Hi: 43 Hi: 39 Me: 36 Lo: 28	Cooling: P-Hi: 47 Hi: 43 Me: 39 Lo: 31 Heating: P-Hi: 47 Hi: 43 Me: 39 Lo: 31
Sound Power Level	Cooling: 47 Heating: 46	Cooling: 49 Heating: 49	Cooling: 49 Heating: 49	Cooling: 54 Heating: 53	Cooling: 58 Heating: 57	Cooling: 60 Heating: 60
Exterior dimensions	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620	Unit: 248 x 570 x 570 Panel: 10 x 620 x 620
Height x Width x Depth	mm	mm	mm	mm	mm	mm
Exterior appearance (Munsell color)	(RAL 9001) near equivalent	(RAL 9001) near equivalent	(RAL 9001) near equivalent	(RAL 9001) near equivalent	(RAL 9001) near equivalent	(RAL 9001) near equivalent
Net weight*3	kg	kg	kg	kg	kg	kg
Refrigerant equipment	Heat exchanger	Heat exchanger	Heat exchanger	Heat exchanger	Heat exchanger	Heat exchanger
Refrigerant control	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Air handling equipment	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Fan motor	Turbo fan x1	Turbo fan x1	Turbo fan x1	Turbo fan x1	Turbo fan x1	Turbo fan x1
Starting method	Direct line start	Direct line start	Direct line start	Direct line start	Direct line start	Direct line start
Air flow(Standard)	Cooling: P-Hi: 8 Hi: 7 Me: 6 Lo: 5 Heating: P-Hi: 8 Hi: 7 Me: 6 Lo: 5	Cooling: P-Hi: 9 Hi: 8 Me: 7 Lo: 6 Heating: P-Hi: 9 Hi: 8 Me: 7 Lo: 6	Cooling: P-Hi: 9 Hi: 8 Me: 7 Lo: 6 Heating: P-Hi: 9 Hi: 8 Me: 7 Lo: 6	Cooling: P-Hi: 10 Hi: 9 Me: 8 Lo: 6 Heating: P-Hi: 10 Hi: 9 Me: 8 Lo: 6	Cooling: P-Hi: 12 Hi: 10 Me: 9 Lo: 7 Heating: P-Hi: 12 Hi: 10 Me: 9 Lo: 7	Cooling: P-Hi: 14 Hi: 12 Me: 10 Lo: 8 Heating: P-Hi: 14 Hi: 12 Me: 10 Lo: 8
Available static pressure	Pa	Pa	Pa	Pa	Pa	Pa
Outdoor air intake	Possible	Possible	Possible	Possible	Possible	Possible
Air filter, Qty	Pocket plastic net x1(Washable)	Pocket plastic net x1(Washable)	Pocket plastic net x1(Washable)	Pocket plastic net x1(Washable)	Pocket plastic net x1(Washable)	Pocket plastic net x1(Washable)
Shock & vibration absorber	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2	Wired: RC-E5, RC-EX3A, RCH-E3 Wireless: RCN-TC-5AW-E2
Remote control switch (option)	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Safety equipment	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Installation data	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 9.52 (3/8") <Flare piping>	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 9.52 (3/8") <Flare piping>	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 9.52 (3/8") <Flare piping>	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 9.52 (3/8") <Flare piping>	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 12.7 (1/2") <Flare piping>	Liquid line: φ 6.35 (1/4") <Flare piping> Gas line: φ 12.7 (1/2") <Flare piping>
Refrigerant piping size						
Connecting method	Flare piping	Flare piping	Flare piping	Flare piping	Flare piping	Flare piping
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A
Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25	Connectable with VP25
Insulation for piping	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions	PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501	PJF000Z501
Electrical wiring	PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504	PJF000Z504

PJF000Z498

(3) Ceiling cassette-2 way type (FDTW)

Models FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

Models	FDTW28KXE6F	FDTW45KXE6F	FDTW56KXE6F	FDTW71KXE6F
Panel model (Option)	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E	TW-PSA-26W-E
Nominal cooling capacity*1	2.8	4.5	5.6	7.1
Nominal heating capacity*2	3.2	5.0	6.3	8.0
Power source	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase 220 - 240V 50Hz / 220V 60Hz
Power consumption	0.090 - 0.090 / 0.090	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.140 - 0.140 / 0.140
Cooling	0.090 - 0.090 / 0.090	0.100 - 0.100 / 0.100	0.100 - 0.100 / 0.100	0.140 - 0.140 / 0.140
Cooling	0.45 - 0.45 / 0.45	0.55 - 0.55 / 0.55	0.55 - 0.55 / 0.55	0.75 - 0.75 / 0.75
Heating	0.45 - 0.45 / 0.45	0.55 - 0.55 / 0.55	0.55 - 0.55 / 0.55	0.75 - 0.75 / 0.75
Sound Power Level	58	58	58	58
Sound Power Level	58	58	58	58
Sound Pressure Level	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31
Exterior dimensions	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31	P-Hi: 42 Hi: 38 Me: 34 Lo: 31
Height x Width x Depth (Munsell color)	Unit: 325 x 820 x 620 Panel: 20 x 1,120 x 680	Unit: 325 x 820 x 620 Panel: 20 x 1,120 x 680	Unit: 325 x 820 x 620 Panel: 20 x 1,120 x 680	Unit: 325 x 820 x 620 Panel: 20 x 1,120 x 680
Exterior appearance	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight	Unit: 20 Panel: 8.5	Unit: 21 Panel: 8.5	Unit: 21 Panel: 8.5	Unit: 23 Panel: 8.5
Refrigerant equipment	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Heat exchanger	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant control	Turbo fan	Turbo fan	Turbo fan	Turbo fan
Air handling equipment	30 < Direct line start >	35 < Direct line start >	35 < Direct line start >	40 < Direct line start >
Fan motor -starting methods	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9
Cooling	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9	P-Hi: 14.5 Hi: 12 Me: 10 Lo: 9
Heating	0	0	0	0
Available static pressure	Possible	Possible	Possible	Possible
Outdoor air intake	Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)
Air filter, Q/Ty	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Shock & vibration absorber	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Insulation (noise & heat)	Wired : RC-EX3A, RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-TW-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-TW-E2
Operation control	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Remote control switch (option)	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Room temperature control	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Safety equipment	φ6.35 (1/4") <Flare piping> φ9.52 (3/8") <Flare piping>	φ6.35 (1/4") <Flare piping> φ12.7 (1/2") <Flare piping>	φ6.35 (1/4") <Flare piping> φ12.7 (1/2") <Flare piping>	φ9.52 (3/8") <Flare piping> φ15.88 (5/8") <Flare piping>
Installation data	R410A	R410A	R410A	R410A
Refrigerant piping size	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain pump	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Drain hose	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Insulation for piping	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Accessories	PJB001Z713	PJB001Z713	PJB001Z713	PJB001Z713
Exterior dimensions	PJB001Z830	PJB001Z830	PJB001Z830	PJB001Z830
Electrical wiring	Adapted to RoHS directive			

Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB	DB	WB
Cooling*1	27°C	19°C	35°C
Heating*2	20°C	7°C	6°C

(1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS" SPECIFICATION

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

PJB001Z829

Models FDTW90KXE6F, 112KXE6F, 140KXE6F

Models		FDTW90KXE6F	FDTW112KXE6F	FDTW140KXE6F
Panel model (Option)		TW-PSA-46W-E		
Nominal cooling capacity*1	kW	9.0		
Nominal heating capacity*2		10.0		
Power source		1 Phase 220 - 240V 50Hz / 220V 60Hz	1 Phase	1 Phase
Power consumption	kW	0.190 - 0.190 / 0.190		
Running current	A	0.190 - 0.190 / 0.190		
Sound Power Level	dB(A)	65		
Sound Pressure Level	dB(A)	65		
Exterior dimensions	mm	Hi: 48 Hi: 45 Me: 41 Lo: 37 Hi: 48 Hi: 45 Me: 41 Lo: 37 Unit: 325 x 1,535 x 620 Panel: 20 x 1,835 x 680	P-Hi: 48 Hi: 45 Me: 41 Lo: 37 P-Hi: 48 Hi: 45 Me: 41 Lo: 37 Unit: 325 x 1,535 x 620 Panel: 20 x 1,835 x 680	P-Hi: 48 Hi: 45 Me: 41 Lo: 37 P-Hi: 48 Hi: 45 Me: 41 Lo: 37 Unit: 325 x 1,535 x 620 Panel: 20 x 1,835 x 680
Exterior appearance (Munsell color)		Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight	kg	Unit: 35 Panel: 13	Unit: 35 Panel: 13	Unit: 35 Panel: 13
Refrigerant equipment	Heat exchanger	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Fan type & Qty	Turbo fan	Turbo fan	Turbo fan x 2
Fan motor <starting method>	W	35 x 2 < Direct line start >	35 x 2 < Direct line start >	35 x 2 < Direct line start >
Air flow(Standard)	m ³ /min	P-Hi: 31 Hi: 27 Me: 23 Lo: 20	P-Hi: 31 Hi: 27 Me: 23 Lo: 20	P-Hi: 31 Hi: 27 Me: 23 Lo: 20
Available static pressure	Pa	0	0	0
Outdoor air intake		Possible	Possible	Possible
Air filter, Qty		Pocket plastic net x 3 (Washable)	Pocket plastic net x 3 (Washable)	Pocket plastic net x 3 (Washable)
Shock & vibration absorber		Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)		Polyurethane form	Polyurethane form	Polyurethane form
Operation control		Wired: RC-EX3A RC-E5	Wired: RC-EX3A RC-E5	Wired: RC-EX3A RC-E5
Remote control switch (option)		Wireless: RCN-TW-E2	Wireless: RCN-TW-E2	Wireless: RCN-TW-E2
Room temperature control		Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment		Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Installation data	Liquid line	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Refrigerant piping size	Gas line	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>
Refrigerant		φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>
Drain pump		R410A		
Drain hose		Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Insulation for piping		Connectable with VP25 (I.D.25, O.D. 32)	Connectable with VP25 (I.D.25, O.D.32)	Connectable with VP25 (I.D.25, O.D.32)
Accessories		Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Exterior dimensions		Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Electrical wiring		PJB001Z714	PJB001Z714	PJB001Z714
		PJB001Z831	PJB001Z831	PJB001Z831
Notes	(1) The data are measured at the following conditions.			
	Item	Indoor air temperature	Outdoor air temperature	Standards
	Operation	DB	WB	WB
	Cooling*1	27°C	19°C	24°C
	Heating*2	20°C	7°C	6°C
				ISO-T1
	(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"			
	(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.			
	(4) Select the breaker size according to the own national standard.			

PJB001Z829

(4) Ceiling cassette-1 way type (FDTS)

Models FDTS45KXE6F, 71KXE6F

Models		FDTS45KXE6F	FDTS71KXE6F
Panel model (Option)		TS-PSA-3AWE	TS-PSA-3AWE
Nominal cooling capacity*1	kW	4.5	7.1
Nominal heating capacity*2		5.0	8.0
Power source		1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	kW	0.040 - 0.040 / 0.040	0.090 - 0.090 / 0.090
Running current	A	0.27 - 0.25 / 0.27	0.60 - 0.55 / 0.60
Sound Power Level	dB(A)	60	61
Sound Pressure Level		P-Hi : 42 Hi : 40 Me : 38 Lo : 35	P-Hi : 49 Hi : 46 Me : 41 Lo : 36
Exterior dimensions	mm	Unit : 220 x 1,150 x 565	Unit : 220 x 1,150 x 565
Height x Width x Depth (Munsell color)		Panel : 35 x 1,250 x 650	Panel : 35 x 1,250 x 650
Net weight	kg	(6.8Y8.9/0.2) near equivalent	(6.8Y8.9/0.2) near equivalent
Refrigerant equipment Heat exchanger		Unit : 27 Panel : 5	Unit : 28 Panel : 5
Refrigerant control		Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Air handling equipment Fan type & Qty		Electronic Expansion Valve	Electronic Expansion Valve
Fan motor <starting methods>	W	Centrifugal fan x4	Centrifugal fan x4
Air flow(Standard)	m ³ /min	35 < Direct line start >	70 < Direct line start >
Available static pressure	Pa	P-Hi : 13 Hi : 12 Me : 11 Lo : 9.5	P-Hi : 17 Hi : 15 Me : 12 Lo : 10
Outdoor air intake		P-Hi : 13 Hi : 12 Me : 11 Lo : 9.5	P-Hi : 17 Hi : 15 Me : 12 Lo : 10
Air filter, Qty		0	0
Shock & vibration absorber		Possible	Possible
Insulation (noise & heat)		Pocket plastic net x2(Washable)	Pocket plastic net x2(Washable)
Operation control		Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Remote control switch (option)		Polyurethane form	Polyurethane form
Room temperature control		Wired : RC-EX3A,RC-E5	Wired : RC-EX3A,RC-E5
Safety equipment		Wireless : RCN-TS-E2	Wireless : RCN-TS-E2
Installation data	Liquid line	Thermostat by electronics	Thermostat by electronics
Refrigerant piping size	Gas line	Overload protection for fan motor	Overload protection for fan motor
Drain hose		Frost protection thermostat	Frost protection thermostat
Insulation for piping		φ 6.35 (1/4") <Flare piping>	φ 9.52 (3/8") <Flare piping>
Accessories		φ 12.7 (1/2") <Flare piping>	φ 15.88 (5/8") <Flare piping>
Exterior dimensions		R410A	R410A
Electrical wiring		Connectable with VP25 (I.D.25.O.D.32)	Connectable with VP25 (I.D.25.O.D.32)
Notes		Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
		Mounting kit, Drain hose	Mounting kit, Drain hose
		PJC001Z352	PJC001Z352
		PJC001Z434	PJC001Z434
			Adapted to RoHS directive

OPTION	Model	Specification
Remote control	Wired	RC-EX3A
	Wired	RC-E5
	Wired	RCH-E3
Motion sensor	Wireless	RCN-TS-E2
		LB-KIT

Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB	WB	WB
Cooling*1	27°C	19°C	35°C
Heating*2	20°C	7°C	6°C

(1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS".

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

PJC001Z433

Models FDU112KXE6F, 140KXE6F, 160KXE6F

Models	FDU112KXE6F	FDU140KXE6F	FDU160KXE6F
Nominal cooling capacity*1	11.2	14.0	16.0
Nominal heating capacity*2	12.5	16.0	18.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling Heating	Cooling Heating	Cooling Heating
Running current	Cooling Heating	Cooling Heating	Cooling Heating
Sound Power Level	Cooling Heating	Cooling Heating	Cooling Heating
Sound Pressure Level	Cooling Heating	Cooling Heating	Cooling Heating
Exterior dimensions	mm	mm	mm
Height x Width x Depth	280 x 1,368 x 740	280 x 1,368 x 740	280 x 1,368 x 740
Net weight	kg	kg	kg
Refrigerant equipment	Heat exchanger	Heat exchanger	Heat exchanger
Refrigerant control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Fan type & Q'ty	Fan type & Q'ty	Fan type & Q'ty
Fan motor <starting method>	W	W	W
Air flow(Standard)	Cooling Heating	Cooling Heating	Cooling Heating
Available static pressure	Pa	Pa	Pa
Outdoor air intake	Possible	Possible	Possible
Air filter, Q'ty	Procure locally	Procure locally	Procure locally
Shock & vibration absorber	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)	Polyurethane form	Polyurethane form	Polyurethane form
Operation control	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A,RC-E5 Wireless : RCN-KIT4-E2
Remote control switch (option)	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Safety equipment	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data	Liquid line Refrigerant piping size	Liquid line Refrigerant piping size	Liquid line Refrigerant piping size
Refrigerant	Gas line R410A	Gas line R410A	Gas line R410A
Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Drain hose	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)	Connectable with VP25 (I.D.25,O.D.32)
Insulation for piping	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions	PJG000Z058	PJG000Z058	PJG000Z058
Electrical wiring	PJG000Z541	PJG000Z541	PJG000Z541
Notes	(1) The data are measured at the following conditions.		
Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB WB	DB WB	Standards
Cooling*1	27°C	19°C	ISO-T1
Heating*2	20°C	7°C	ISO-T1
		24°C	60
		6°C	
(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.			
ISO-T1 "UNITARY AIR-CONDITIONERS"			
(3) Sound level indicates the value in an anechoic chamber.			
During operation these value are somewhat higher due to ambient conditions.			
(4) The factory E.S.P. setting is set within the range of 80 - 150 Pa.If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa.(For RC-EX3A and RC-E5 only)			
(5) Select the breaker size according to the own national standard.			
OPTION			
Model	RC-EX3A	RC-E5	PJZ000Z333
Wired	RC-E5	RC-E5	PJZ000Z295
Wireless	RCN-KIT4-E2	RCN-KIT4-E2	PJZ000Z323
Motion sensor	LB-KIT	LB-KIT	PJZ000Z331
Adapted to RoHS directive			

PJG000Z538

Models FDU224KXZE1, 280KXZE1

Models		FDU224KXZE1	FDU280KXZE1
Nominal cooling capacity*1	kW	22.4	28.0
Nominal heating capacity*2	kW	25.0	31.5
Power source		1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling kW	1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
	Heating kW	1.160 - 1.200 / 1.160	1.160 - 1.200 / 1.160
Running current	Cooling A	6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
	Heating A	6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80
Sound Power Level	Cooling dB(A)	75	75
	Heating dB(A)	75	75
Sound Pressure Level	Cooling mm	P-Hi : 52 Hi : 50 Me : 47 Lo : 45	P-Hi : 52 Hi : 50 Me : 47 Lo : 45
	Heating mm	P-Hi : 52 Hi : 50 Me : 47 Lo : 45	P-Hi : 52 Hi : 50 Me : 47 Lo : 45
Exterior dimensions	Height x Width x Depth	379 x 1,600 x 893	379 x 1,600 x 893
Net weight	kg	89	89
Refrigerant equipment	Heat exchanger	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control		Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Fan type & Q'ty	Centrifugal fan x3	Centrifugal fan x3
Fan motor -starting methods>	W	130 + 350 < Direct line start>	130 + 350 < Direct line start >
Air flow(Standard)	Cooling m ³ /min	P-Hi : 80 Hi : 72 Me : 64 Lo : 56	P-Hi : 80 Hi : 72 Me : 64 Lo : 56
	Heating m ³ /min	P-Hi : 80 Hi : 72 Me : 64 Lo : 56	P-Hi : 80 Hi : 72 Me : 64 Lo : 56
Available static pressure	Pa	200 (at 80 m ³ /min)	200 (at 80 m ³ /min)
Outdoor air intake		Possible	Possible
Air filter, Q'ty		Procure locally	Procure locally
Shock & vibration absorber		Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)		Polyurethane form	Polyurethane form
Operation control		Wired : RC-EX3A,RC-E5	Wired : RC-EX3A,RC-E5
Remote control switch (option)		Wireless : RCN-KIT4-E2	Wireless : RCN-KIT4-E2
Room temperature control		Thermostat by electronics	Thermostat by electronics
Safety equipment		Overload protection for fan motor	Overload protection for fan motor
Installation data	Liquid line	Frost protection thermostat	Frost protection thermostat
Refrigerant piping size	Gas line	φ 9.52 (3/8") <Brazing>	φ 9.52 (3/8") <Brazing>
		φ 19.05 (3/4") <Brazing>	φ 22.22 (7/8") <Brazing>
Refrigerant		R410A	R410A
Drain pump		-	-
Drain hose		Connectable with VP25 (O.D.32)	Connectable with VP25 (O.D.32)
Insulation for piping		Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories		Mounting kit	Mounting kit
Exterior dimensions		PJG000Z287	PJG000Z287
Electrical wiring		PJG000Z543	PJG000Z543

OPTION		Model	Specification
Remote control	Wired	RC-EX3A	PJZ000Z333
	Wired	RC-E5	PJZ000Z295
	Wired	RCH-E3	PJZ000Z272
Motion sensor	Wireless	RCN-KIT4-E2	PJZ000Z323
	Wireless	LB-KIT	PJZ000Z331

Item	Indoor air temperature	Outdoor air temperature	Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB	WB	72
Cooling*1	27°C	19°C	35°C	
Heating*2	20°C	7°C	6°C	

Notes (1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS".

(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.

(4) The factory E.S.P. setting is set within the range of 80 - 150 Pa. If SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa. (For RC-EX3A and RC-E5 only)

(5) Select the breaker size according to the own national standard.

PJG000Z542

(6) Duct connected Low/Middle static pressure type (FDUM)

Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F

Models	FDUM22KXE6F	FDUM28KXE6F	FDUM36KXE6F	FDUM45KXE6F	FDUM56KXE6F
Nominal cooling capacity*1	2.2	2.8	3.6	4.5	5.6
Nominal heating capacity*2	2.5	3.2	4.0	5.0	6.3
Power source	1 Phase 220-240V 50Hz / 220V 60Hz				
Power consumption	0.100 - 0.100 / 0.100				
Running current	0.46 - 0.42 / 0.46				
Sound Power Level	60				
Sound Pressure Level	60				
Exterior dimensions	280 x 750 x 635				
Height x Width x Depth	280 x 750 x 635				
Net weight	29				
Refrigerant equipment	Louver fin & inner grooved tubing				
Refrigerant control	Electronic Expansion Valve				
Fan motor -starting methods	Centrifugal fan x1				
Air flow(Standard)	100 < Direct line start >				
Available static pressure	P-Hi : 13 Hi : 10 Me : 9 Lo : 8				
Outdoor air intake	P-Hi : 13 Hi : 10 Me : 9 Lo : 8				
Air filter, Q'ty	Possible				
Shock & vibration absorber	Procure locally				
Insulation (noise & heat)	Rubber sleeve(for fan motor)				
Operation control	Polyurethane form				
Remote control switch (option)	Wired : RC-EX3A,RC-E5				
Room temperature control	Wireless : RCN-KIT4-E2				
Safety equipment	Thermostat by electronics				
Installation data	Overload protection for fan motor				
Refrigerant piping size	Frost protection thermostat				
	φ6.35 (1/4") <Flare piping>				
	φ9.52 (3/8") <Flare piping>				
Refrigerant	R410A				
Drain pump	Built-in Drain pump				
Drain hose	Connectable with VP25 (I.D.25.O.D.32)				
Insulation for piping	Necessary(both Liquid & Gas line)				
Accessories	Mounting kit, Drain hose				
Exterior dimensions	PJM000Z016				
Electrical wiring	PJM000Z526				
Notes	(1) The data are measured at the following conditions.				
Item	Indoor air temperature	Outdoor air temperature	Standards	External static pressure of indoor unit (Pa)	
Operation	DB	WB	WB		
Cooling*1	27°C	19°C	35°C	24°C	
Heating*2	20°C	7°C	6°C	35	
(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.					
ISO-T1 : UNITARY AIR-CONDITIONERS					
(3) Sound level indicates the value in an anechoic chamber.					
During operation these value are somewhat higher due to ambient conditions.					
(4) Initial static pressure values of optional air filter "UM-FL-EF" are 5Pa.					
(5) Select the breaker size according to the own national standard.					
OPTION					
Model		Specification			
Remote control		RC-E3XA	PJZ000Z333		
		RC-E5	PJZ000Z295		
		RC-H-E3	PJZ000Z272		
		RCN-KIT4-E2	PJZ000Z323		
Motion sensor		LB-KIT	PJZ000Z331		
Air filter (For 22-56)		UM-FL1EF	—		

PJG000Z525

Models FDUM71KXE6F, 90KXE6F, 112KXE6F, 140KXE6F, 160KXE6F

Models	FDUM71KXE6F	FDUM90KXE6F	FDUM112KXE6F	FDUM140KXE6F	FDUM160KXE6F
Nominal cooling capacity*1	7.1	9.0	11.2	14.0	16.0
Nominal heating capacity*2	8.0	10.0	12.5	16.0	18.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	0.200 - 0.200 / 0.200	0.200 - 0.200 / 0.200	0.290 - 0.290 / 0.290	0.330 - 0.330 / 0.330	0.450 - 0.450 / 0.450
Running current	0.91 - 0.83 / 0.91	0.91 - 0.83 / 0.91	1.32 - 1.21 / 1.32	1.50 - 1.38 / 1.50	2.05 - 1.88 / 2.05
Sound Power Level	65	65	71	72	74
Sound Pressure Level	65	65	71	72	74
Exterior dimensions	P-Hi: 38 Hi: 33 Me: 29 Lo: 25	P-Hi: 38 Hi: 33 Me: 29 Lo: 25	P-Hi: 44 Hi: 38 Me: 36 Lo: 30	P-Hi: 45 Hi: 40 Me: 34 Lo: 29	P-Hi: 47 Hi: 40 Me: 35 Lo: 30
Height x Width x Depth	280 x 950 x 635	280 x 950 x 635	280 x 1,368 x 740	280 x 1,368 x 740	280 x 1,368 x 740
Net weight	34	34	54	54	54
Refrigerant equipment	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Centrifugal fan x2	Centrifugal fan x2	Centrifugal fan x3	Centrifugal fan x3	Centrifugal fan x3
Fan motor <starting method>	130 < Direct line start >	130 < Direct line start >	100 + 130 < Direct line start >	100 + 200 < Direct line start >	100 + 200 < Direct line start >
Air flow(Standard)	P-Hi: 24 Hi: 19 Me: 15 Lo: 10	P-Hi: 24 Hi: 19 Me: 15 Lo: 10	P-Hi: 36 Hi: 28 Me: 25 Lo: 19	P-Hi: 39 Hi: 32 Me: 26 Lo: 20	P-Hi: 48 Hi: 35 Me: 28 Lo: 22
Available static pressure	P-Hi: 24 Hi: 19 Me: 15 Lo: 10	P-Hi: 24 Hi: 19 Me: 15 Lo: 10	P-Hi: 36 Hi: 28 Me: 25 Lo: 19	P-Hi: 39 Hi: 32 Me: 26 Lo: 20	P-Hi: 48 Hi: 35 Me: 28 Lo: 22
Outdoor air intake	100 (at 24 m ³ /min)	100 (at 24 m ³ /min)	100 (at 24 m ³ /min)	100 (at 39 m ³ /min)	100 (at 48 m ³ /min)
Air filter, Qty	Possible	Possible	Possible	Possible	Possible
Shock & vibration absorber	Procure locally	Procure locally	Procure locally	Procure locally	Procure locally
Insulation (noise & heat)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Operation control	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Remote control switch (option)	Wired : RC-EX3A, RC-E5	Wired : RC-EX3A, RC-E5	Wired : RC-EX3A, RC-E5	Wired : RC-EX3A, RC-E5	Wired : RC-EX3A, RC-E5
Room temperature control	Wireless : RCN-KIT4-E2	Wireless : RCN-KIT4-E2	Wireless : RCN-KIT4-E2	Wireless : RCN-KIT4-E2	Wireless : RCN-KIT4-E2
Safety equipment	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Installation data	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Refrigerant piping size	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Refrigerant	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") <Flare piping>
Drain pump	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") <Flare piping>
Drain hose	R410A	R410A	R410A	R410A	R410A
Insulation for piping	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump	Built-in Drain pump
Accessories	Connectable with VP25 (I.D.25.O.D.32)	Connectable with VP25 (I.D.25.O.D.32)	Connectable with VP25 (I.D.25.O.D.32)	Connectable with VP25 (I.D.25.O.D.32)	Connectable with VP25 (I.D.25.O.D.32)
Exterior dimensions	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Electrical wiring	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Notes	PJG000Z017	PJG000Z017	PJG000Z018	PJG000Z018	PJG000Z018
	PJG000Z527	PJG000Z527	PJG000Z528	PJG000Z528	PJG000Z528

Item	Indoor air temperature	Outdoor air temperature	Standards	External static pressure of indoor unit (Pa)
Operation	DB	WB		
Cooling*1	27°C	19°C	ISO-T1	60
Heating*2	20°C	7°C		

(1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.

(3) Sound level indicates the value in an anechoic chamber.

(4) Initial static pressure values of optional air filter "UM-FL2EF" are 5Pa.

(5) Select the breaker size according to the own national standard.

OPTION	Model	Specification
Remote control	RC-E5A	PJZ000Z333
	RC-E5	PJZ000Z295
	RC-H-E3	PJZ000Z272
Wireless	RCN-KIT4-E2	PJZ000Z323
Motion sensor	LB-KIT	PJZ000Z331
Air filter (For 71-90)	UM-FL2EF	—
Air filter (For 112-160)	UM-FL3EF	—

PJG000Z525

(7) Duct connected (thin) -Low static pressure type (FDUT)

Model FDUT71KXE6F-E

Models		FDUT71KXE6F-E	
Panel model (Option)		Rear air return	
Nominal cooling capacity*1	kW	7.1	
Nominal heating capacity*2		8.0	
Power source		1 Phase 220-240V 50Hz / 220V 60Hz	
Power consumption	kW	0.080 - 0.080 / 0.080	
Running current	A	0.42 - 0.42 / 0.42	
Sound Power Level	dB(A)	0.46 - 0.46 / 0.46	
Sound Pressure Level ①		Hi: 35 Me: 31 Lo: 28	
Sound Pressure Level ②		Hi: 41 Me: 37 Lo: 32	
Exterior dimensions	mm	220 × 1,150 × 565	
Height x Width x Depth			
Net weight	kg	31	
Refrigerant equipment	Heat exchanger	Louver fin & inner grooved tubing	
Refrigerant control		Electronic Expansion Valve	
Air handling equipment	Fan type & Q'ty	Centrifugal fan x4	
Fan motor -starting methods	W	100 < Direct line start >	
Air flow(Standard)	Cooling Heating	Hi: 16 Me: 13 Lo: 9.5	Hi: 16 Me: 13 Lo: 9.5
Available static pressure	Pa	Standard:10,Max:50	
Outdoor air intake		Possible	
Suction guard(Air filter), Q'ty		Procure locally	
Shock & vibration absorber		Rubber sleeve(for fan motor)	
Insulation (noise & heat)		Polyurethane form	
Operation control		Wired: RC-EX3A,RC-E5	
Remote control switch (option)		Wireless: RCN-KIT4-E2	
Room temperature control		Thermostat by electronics	
Safety equipment		Overload protection for fan motor	
Installation data	Liquid line	Frost protection thermostat	
Refrigerant piping size	Gas line	φ 9.52 (3/8") <Flare piping>	
Refrigerant		φ 15.88 (5/8") <Flare piping>	
Drain pump		R410A	
Drain hose		Built-in Drain pump	
Insulation for piping		Hose Connectable VP25(I.D.25,O.D.32)	
Accessories		Necessary(both Liquid & Gas line)	
Exterior dimensions		Mounting kit, Drain hose	
Electrical wiring		PJH000Z012	
		PJH000Z023	
		OPTION	
		Model	Specification
		Wired	PJZ000Z333
		Remote control	PJZ000Z295
		Wireless	PJZ000Z272
		RCN-KIT4-E2	PJZ000Z323
		Motion sensor	PJZ000Z331
		Suction guard(Air filter)	—
		UT-FL3EF	(For71)
		Adapted to RoHS directive	
Notes	(1) The data are measured at the following conditions.		
	Item	Indoor air temperature	Outdoor air temperature
	Operation	DB	WB
	Cooling*1	27°C	19°C
	Heating*2	20°C	7°C
		WB	WB
		35°C	24°C
		7°C	6°C
		Standards	External static pressure of indoor unit (Pa)
		ISO-T1	10
	(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.		
	ISO-T1 "UNITARY AIR-CONDITIONERS"		
	(3) Sound Pressure Level shows the value when the supply duct of 2m and the return duct of 1m (except the Bottom air return) are connected the unit.		
	(4) Sound Pressure Level ① : Mike position is 1.5m below the unit.		
	② : Mike position is 1m in front and 1m below od the air supply duct.		
	(5) Initial static pressure value of optional suction guard(Air filter) "UT-FLDEF" is 5Pa.		
	(6) Select the breaker size according to the own national standard.		

PJH000Z022

(8) Wall mounted type (FDK)

Models FDK15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1

Models	FDK15KXZE1	FDK22KXZE1	FDK28KXZE1	FDK36KXZE1	FDK45KXZE1
Nominal cooling capacity*1	1.5	2.2	2.8	3.6	4.5
Nominal heating capacity*2	1.7	2.5	3.2	4.0	5.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling 0.020 - 0.020 / 0.020 Heating 0.020 - 0.020 / 0.020	Cooling 0.020 - 0.020 / 0.020 Heating 0.020 - 0.020 / 0.020	Cooling 0.020 - 0.020 / 0.020 Heating 0.18 - 0.16 / 0.18	Cooling 0.030 - 0.030 / 0.030 Heating 0.030 - 0.030 / 0.030	Cooling 0.030 - 0.030 / 0.030 Heating 0.030 - 0.030 / 0.030
Running current	Cooling 0.18 - 0.16 / 0.18 Heating 0.18 - 0.16 / 0.18	Cooling 0.18 - 0.16 / 0.18 Heating 0.18 - 0.16 / 0.18	Cooling 0.18 - 0.16 / 0.18 Heating 0.18 - 0.16 / 0.18	Cooling 0.27 - 0.25 / 0.27 Heating 0.27 - 0.25 / 0.27	Cooling 0.27 - 0.25 / 0.27 Heating 0.27 - 0.25 / 0.27
Sound Power Level	Cooling 54 Heating 54	Cooling 55 Heating 55	Cooling 55 Heating 55	Cooling 58 Heating 58	Cooling 58 Heating 58
Sound Pressure Level	Cooling P-Hi: 38 Hi: 34 Me: 31 Lo: 28 Heating P-Hi: 38 Hi: 34 Me: 31 Lo: 28	Cooling P-Hi: 38 Hi: 36 Me: 32 Lo: 28 Heating P-Hi: 38 Hi: 36 Me: 32 Lo: 28	Cooling P-Hi: 38 Hi: 36 Me: 32 Lo: 28 Heating P-Hi: 38 Hi: 36 Me: 32 Lo: 28	Cooling P-Hi: 40 Hi: 38 Me: 33 Lo: 28 Heating P-Hi: 40 Hi: 38 Me: 33 Lo: 28	Cooling P-Hi: 43 Hi: 41 Me: 36 Lo: 33 Heating P-Hi: 43 Hi: 41 Me: 36 Lo: 33
Exterior dimensions	mm	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230	290 x 870 x 230
Exterior appearance	(Munsell color)	Fine Snow	Fine Snow	Fine Snow	Fine Snow
Net weight	kg	11.5	11	11.5	11.5
Refrigerant equipment	Heat exchanger	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Fan type & Qty	Tangential fan x1	Tangential fan x1	Tangential fan x1	Tangential fan x1
Fan motor - starting methods	W	42 < Direct line start >	42 < Direct line start >	42 < Direct line start >	42 < Direct line start >
Air flow(Standard)	Cooling Heating	5.7 Hi: 5 Me: 4.5 Lo: 3.6 5.7 Hi: 5 Me: 4.5 Lo: 3.6	8.5 Hi: 8 Me: 6 Lo: 5 8.5 Hi: 8 Me: 6 Lo: 5	11 Hi: 10 Me: 8 Lo: 7 11 Hi: 10 Me: 8 Lo: 7	12 Hi: 11 Me: 9 Lo: 8 12 Hi: 11 Me: 9 Lo: 8
Available static pressure	Pa	0	0	0	0
Outdoor air intake	Not Possible	Not Possible	Not Possible	Not Possible	Not Possible
Air filter, Qty	Polypropylene net x2 (Washable)	Polypropylene net x2 (Washable)	Polypropylene net x2 (Washable)	Polypropylene net x2 (Washable)	Polypropylene net x2 (Washable)
Shock & vibration absorber	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Operation control	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2	Wired : RC-EX3A Wireless : RCN-K-E2
Remote control switch (option)	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Safety equipment	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 12.7 (1/2") <Flare piping>
Installation data	Liquid line Gas line	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 9.52 (3/8") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 12.7 (1/2") <Flare piping>
Refrigerant piping size	R410A	R410A	R410A	R410A	R410A
Drain hose	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)	Connectable with VP16(I.D.16)
Insulation for piping	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions	PHA001Z105	PHA001Z105	PHA001Z105	PHA001Z105	PHA001Z105
Electrical wiring	PHA001Z142	PHA001Z142	PHA001Z142	PHA001Z142	PHA001Z142

Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB	WB	WB
Cooling*1	27°C	19°C	24°C
Heating*2	20°C	7°C	6°C

Notes: (1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

PHA001Z141

Models FDK56KXZE1, 71KXZE1, 90KXZE1

Models	FDK56KXZE1	FDK71KXZE1	FDK90KXZE1
Nominal cooling capacity*1	5.6	7.1	9.0
Nominal heating capacity*2	6.3	8.0	10.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz 0.030 - 0.030 / 0.030 0.030 - 0.030 / 0.030 0.27 - 0.25 / 0.27 0.27 - 0.25 / 0.27	1 Phase 220-240V 50Hz / 220V 60Hz 0.040 - 0.040 / 0.040 0.040 - 0.040 / 0.040 0.34 - 0.31 / 0.34 0.34 - 0.31 / 0.34	1 Phase 220-240V 50Hz / 220V 60Hz 0.050 - 0.050 / 0.050 0.050 - 0.050 / 0.050 0.42 - 0.39 / 0.42 0.42 - 0.39 / 0.42
Power consumption			
Cooling			
Heating			
Running current			
Cooling			
Heating			
Sound Power Level	58	59	61
Cooling			
Heating			
Sound Pressure Level	61	59	61
Cooling			
Heating			
Exterior dimensions			
Height x Width x Depth	290 x 870 x 230	339 x 1,197 x 262	339 x 1,197 x 262
Exterior appearance			
(Munsell color)			
Net weight	11.5	17	17
Refrigerant equipment	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Heat exchanger	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant control			
Air handling equipment	Tangential fan x1	Tangential fan x1	Tangential fan x1
Fan motor <starting methods>	42 < Direct line start >	56 < Direct line start >	56 < Direct line start >
Air flow(Standard)	Cooling : 12 HI : 11 Me : 9 Lo : 8	P-HI : 21 HI : 19 Me : 16 Lo : 14	P-HI : 23 HI : 21 Me : 19 Lo : 16
Heating	P-HI : 13 HI : 12 Me : 10 Lo : 8	P-HI : 21 HI : 19 Me : 16 Lo : 14	P-HI : 23 HI : 21 Me : 19 Lo : 16
Available static pressure	0	0	0
Outdoor air intake	Not Possible	Not Possible	Not Possible
Air filter, Qty	Polypropylene net *2 (Washable)	Polypropylene net *2 (Washable)	Polypropylene net *2 (Washable)
Shock & vibration absorber	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)	Polyurethane form	Polyurethane form	Polyurethane form
Operation control	Wired : RC-EX3A	Wired : RC-EX3A	Wired : RC-EX3A
Remote control switch (option)	Wireless : RCN-K-E2	Wireless : RCN-K71-E2	Wireless : RCN-K71-E2
Room temperature control	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Safety equipment	Overload protection for fan motor	Overload protection for fan motor	Overload protection for fan motor
Liquid line	Frost protection thermostat	Frost protection thermostat	Frost protection thermostat
Refrigerant piping size	φ 6.35 (1/4") <Flare piping>	φ 9.52 (3/8") <Flare piping>	φ 9.52 (3/8") < Flare piping >
Gas line	φ 12.7 (1/2") <Flare piping>	φ 15.88 (5/8") <Flare piping>	φ 15.88 (5/8") < Flare piping >
Refrigerant	R410A	R410A	R410A
Drain hose	Connectable with VP-16(L.D.16)	Connectable with VP-16(L.D.16)	Connectable with VP-16(L.D.16)
Insulation for piping	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions	PHA001Z105	PHA001Z106	PHA001Z106
Electrical wiring	PHA001Z142	PHA001Z142	PHA001Z142
Notes	(1) The data are measured at the following conditions.		
Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB	WB	WB
Cooling*1	27C	19C	24C
Heating*2	20C	7C	6C
(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"			
(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.			
(4) Select the breaker size according to the own national standard.			

OPTION	Model	Specification
Remote control	Wired Wired Wired	PJZ0002333 PJZ0002295 PJZ0002272
Wireless FDK15-56	RCN-K-E2	PHA001Z123
Wireless FDK71-90	RCN-K71-E2	PHA001Z124
Motion sensor	LB-KIT	PJZ0002331

PHA001Z141

(9) Ceiling suspended type (FDE)

Models FDE36KXZE1, 45KXZE1, 56KXZE1, 71KXZE1

Models	FDE36KXZE1	FDE45KXZE1	FDE56KXZE1	FDE71KXZE1
Nominal cooling capacity*1	3.6	4.5	5.6	7.1
Nominal heating capacity*2	4.0	5.0	6.3	8.0
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling Heating	0.050 - 0.050 / 0.050 0.050 - 0.050 / 0.050	0.050 - 0.050 / 0.050 0.050 - 0.050 / 0.050	0.070 - 0.070 / 0.070 0.070 - 0.070 / 0.070
Running current	Cooling Heating	0.45 - 0.45 / 0.45 0.45 - 0.45 / 0.45	0.45 - 0.45 / 0.45 0.45 - 0.45 / 0.45	0.65 - 0.65 / 0.65 0.65 - 0.65 / 0.65
Sound Power Level	Cooling Heating	60 60	60 60	62 62
Sound Pressure Level	Cooling Heating	P-Hi : 46 Hi : 38 Me : 31 Lo : 26 P-Hi : 46 Hi : 38 Me : 31 Lo : 26	P-Hi : 46 Hi : 38 Me : 36 Lo : 31 P-Hi : 46 Hi : 38 Me : 36 Lo : 31	P-Hi : 47 Hi : 39 Me : 37 Lo : 32 P-Hi : 47 Hi : 39 Me : 37 Lo : 32
Exterior dimensions Height x Width x Depth	mm	210 x 1,070 x 690	210 x 1,070 x 690	210 x 1,320 x 690
Exterior appearance (Munsell color)	kg	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight	kg	28	28	33
Refrigerant equipment Heat exchanger		Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve
Refrigerant control		Centrifugal fan x2	Centrifugal fan x2	Centrifugal fan x4
Air handling equipment Fan type & Qty		30 < Direct line start >	30 < Direct line start >	50 < Direct line start >
Fan motor -starting methods	W	P-Hi : 13 Hi : 10 Me : 7 Lo : 5.5 P-Hi : 13 Hi : 10 Me : 7 Lo : 5.5	P-Hi : 13 Hi : 10 Me : 9 Lo : 7 P-Hi : 13 Hi : 10 Me : 9 Lo : 7	P-Hi : 20 Hi : 15 Me : 13 Lo : 10 P-Hi : 20 Hi : 15 Me : 13 Lo : 10
Air flow(Standard)	Cooling Heating	0 0	0 0	0 0
Available static pressure	Pa	Not possible	Not possible	Not possible
Outdoor air intake		Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)
Air filter, Qty		Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Shock & vibration absorber		Polyurethane form	Polyurethane form	Polyurethane form
Insulation (noise & heat)		Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3
Remote control switch (option)		Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Room temperature control		Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Safety equipment		φ 6.35 (1/4") <Flare piping> φ 12.7 (1/2") <Flare piping>	φ 6.35 (1/4") <Flare piping> φ 12.7 (1/2") <Flare piping>	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>
Installation data	Liquid line Refrigerant piping size	R410A	R410A	R410A
Refrigerant		Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)
Drain hose		Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Insulation for piping		Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit, Drain hose
Accessories		PFA004Z036	PFA004Z036	PFA004Z037
Electrical dimensions		PFA004Z096	PFA004Z096	PFA004Z096
Electrical wiring		Adapted to RoHS directive		

Item	Indoor air temperature	Outdoor air temperature	Standards
Operation	DB	WB	WB
	27°C	19°C	24°C
Cooling*1	20°C	7°C	ISO-T1
		6°C	

Notes: (1) The data are measured at the following conditions.

(2) This packaged air-conditioner is manufactured and tested in conformity with the standard.
ISO-T1 "UNITARY AIR-CONDITIONERS"

(3) Sound level indicates the value in an anechoic chamber.
During operation these value are somewhat higher due to ambient conditions.

(4) Select the breaker size according to the own national standard.

PFA004Z095

Models FDE112KXZE1, 140KXZE1

Models		FDE112KXZE1	FDE140KXZE1
Nominal cooling capacity*1	kW	11.2	14.0
Nominal heating capacity*2	kW	12.5	16.0
Power source		1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling Heating	0.100 - 0.100 / 0.100 0.100 - 0.100 / 0.100	0.130 - 0.130 / 0.130 0.130 - 0.130 / 0.130
Running current	Cooling Heating	0.90 - 0.90 / 0.90 0.90 - 0.90 / 0.90	1.20 - 1.20 / 1.20 1.20 - 1.20 / 1.20
Sound Power Level	Cooling Heating	61 61	64 64
Sound Pressure Level	Cooling Heating	P-Hi: 45 Hi: 42 Me: 38 Lo: 34 P-Hi: 45 Hi: 42 Me: 38 Lo: 34	P-Hi: 48 Hi: 43 Me: 40 Lo: 35 P-Hi: 48 Hi: 43 Me: 40 Lo: 35
Exterior dimensions	Height x Width x Depth	250 x 1,620 x 690	250 x 1,620 x 690
Exterior appearance	(Munsell color)	Plaster White (6.8Y8.9/0.2) near equivalent	Plaster White (6.8Y8.9/0.2) near equivalent
Net weight	kg	43	43
Refrigerant equipment	Heat exchanger	Louver fin & inner grooved tubing	Louver fin & inner grooved tubing
Refrigerant control		Electronic Expansion Valve	Electronic Expansion Valve
Air handling equipment	Fan type & Qty	Centrifugal fan x4	Centrifugal fan x4
Fan motor <starting methods>	W	65 < Direct line start >	80 < Direct line start >
Air flow(Standard)	Cooling Heating	P-Hi: 28 Hi: 25 Me: 21 Lo: 16.5 P-Hi: 28 Hi: 25 Me: 21 Lo: 16.5	P-Hi: 32 Hi: 26 Me: 23 Lo: 17 P-Hi: 32 Hi: 26 Me: 23 Lo: 17
Available static pressure	Pa	0	0
Outdoor air intake		Not possible	Not possible
Air filter, Qty		Pocket plastic net x2 (Washable)	Pocket plastic net x2 (Washable)
Shock & vibration absorber		Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Insulation (noise & heat)		Polyurethane form	Polyurethane form
Operation control		Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3	Wired : RC-EX3A,RC-E5 Wireless : RCN-E-E3
Remote control switch (option)			
Room temperature control		Thermostat by electronics	Thermostat by electronics
Safety equipment		Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Installation data	Liquid line Refrigerant piping size	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") < Flare piping > φ 15.88 (5/8") < Flare piping >
Refrigerant		R410A	R410A
Drain hose		Hose Connectable with VP20(O.D.26)	Hose Connectable with VP20(O.D.26)
Insulation for piping		Necessary(both Liquid & Gas line)	Necessary(both Liquid & Gas line)
Accessories		Mounting kit, Drain hose	Mounting kit, Drain hose
Exterior dimensions		PFA004Z038	PFA004Z038
Electrical wiring		PFA004Z096	PFA004Z096
Notes	(1) The data are measured at the following conditions.		
	Item	Indoor air temperature	Outdoor air temperature
	Operation	DB	WB
	Cooling*1	27°C	19°C
	Heating*2	20°C	7°C
			Standards
			ISO-T1
	(2) This packaged air-conditioner is manufactured and tested in conformity with the standard. ISO-T1 "UNITARY AIR-CONDITIONERS"		
	(3) Sound level indicates the value in an anechoic chamber. During operation these value are somewhat higher due to ambient conditions.		
	(4) Select the breaker size according to the own national standard.		
	OPTION	Model	Specification
	Remote control	Wired	RC-EX3A
		Wired	RC-E5
		Wired	RCH-E3
		Wireless	RCN-E-E3
	Motion sensor	LB-E	PFA004Z077
	Adapted to RoHS directive		

PFA004Z095

(10) Outdoor air processing unit (FDU-F)

Models FDU650FKXZE1, 1100FKXZE1, 1800FKXZE1, 2400FKXZE1

Models	FDU650FKXZE1	FDU1100FKXZE1	FDU1800FKXZE1	FDU2400FKXZE1
Nominal cooling capacity*1	9.0	14.0	22.4	28.0
Nominal heating capacity*2	6.5	10.5	16.0	21.5
Power source	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz	1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling Heating 0.240 - 0.250 / 0.240 0.240 - 0.250 / 0.240	1 Phase 220-240V 50Hz / 220V 60Hz 0.350 - 0.360 / 0.350 0.350 - 0.360 / 0.350	1 Phase 220-240V 50Hz / 220V 60Hz 1.160 - 1.200 / 1.160 1.160 - 1.200 / 1.160	1 Phase 220-240V 50Hz / 220V 60Hz 1.160 - 1.200 / 1.160 1.160 - 1.200 / 1.160
Running current	Cooling Heating 1.80 - 1.70 / 1.80 1.80 - 1.70 / 1.80	2.30 - 2.20 / 2.30 2.30 - 2.20 / 2.30	6.80 - 6.50 / 6.80 6.80 - 6.50 / 6.80	6.80 - 6.50 / 6.80 6.80 - 6.50 / 6.80
Sound Power Level	Cooling Heating Hi: 55 Hi: 55	Hi: 62 Hi: 62	Hi: 68 Hi: 68	Hi: 70 Hi: 70
Sound Pressure Level	Cooling Heating Hi: 31 Hi: 31	Hi: 37 Hi: 37	Hi: 42 Hi: 42	Hi: 45 Hi: 45
Exterior dimensions Height x Width x Depth	280 x 950 x 635	280 x 1,368 x 740	379 x 1,600 x 893	379 x 1,600 x 893
Net weight	34	54	89	89
Refrigerant equipment	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve	Louver fin & inner grooved tubing Electronic Expansion Valve
Refrigerant control	Centrifugal fan x2	Centrifugal fan x3	Centrifugal fan x3	Centrifugal fan x3
Air handling equipment	130 < Direct line start >	100 + 200 < Direct line start >	130 + 350 < Direct line start >	130 + 350 < Direct line start >
Fan motor -starting methods	W	W	W	W
Air flow(Standard)	Cooling Heating Hi: 11 Hi: 11	Hi: 18 Hi: 18	Hi: 30 Hi: 30	Hi: 40 Hi: 40
Available static pressure	200 (at 11 m ³ /min) Possible	200 (at 18 m ³ /min) Possible	200 (at 30 m ³ /min) Possible	200 (at 40 m ³ /min) Possible
Outdoor air intake	Procure locally	Procure locally	Procure locally	Procure locally
Air filter, Q'ty	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)	Rubber sleeve(for fan motor)
Shock & vibration absorber	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form
Insulation (noise & heat)	Wired : RC-EX3A, RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-KIT4-E2	Wired : RC-EX3A, RC-E5 Wireless : RCN-KIT4-E2
Operation control	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics	Thermostat by electronics
Remote control switch (option)	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat	Overload protection for fan motor Frost protection thermostat
Room temperature control	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") <Flare piping> φ 15.88 (5/8") <Flare piping>	φ 9.52 (3/8") <Brazing> φ 19.05 (3/4") <Brazing>	φ 9.52 (3/8") <Brazing> φ 22.22 (7/8") <Brazing>
Safety equipment	R410A	R410A	R410A	R410A
Installation data	Built-in Drain pump	Built-in Drain pump	-	-
Refrigerant piping size	Hose Connectable VP25 (I.D.25, O.D.32) Necessary(both Liquid & Gas line)	Hose Connectable VP25 (I.D.25, O.D.32) Necessary(both Liquid & Gas line)	Connectable with VP25 (O.D.32) Necessary(both Liquid & Gas line)	Connectable with VP25 (O.D.32) Necessary(both Liquid & Gas line)
Refrigerant	Mounting kit, Drain hose	Mounting kit, Drain hose	Mounting kit	Mounting kit
Drain pump	PJG000Z295	PJG000Z296	PJG000Z297	PJG000Z297
Insulation for piping	PJG000Z563	PJG000Z564	PJG000Z565	PJG000Z565
Accessories				
Exterior dimensions				
Electrical wiring				

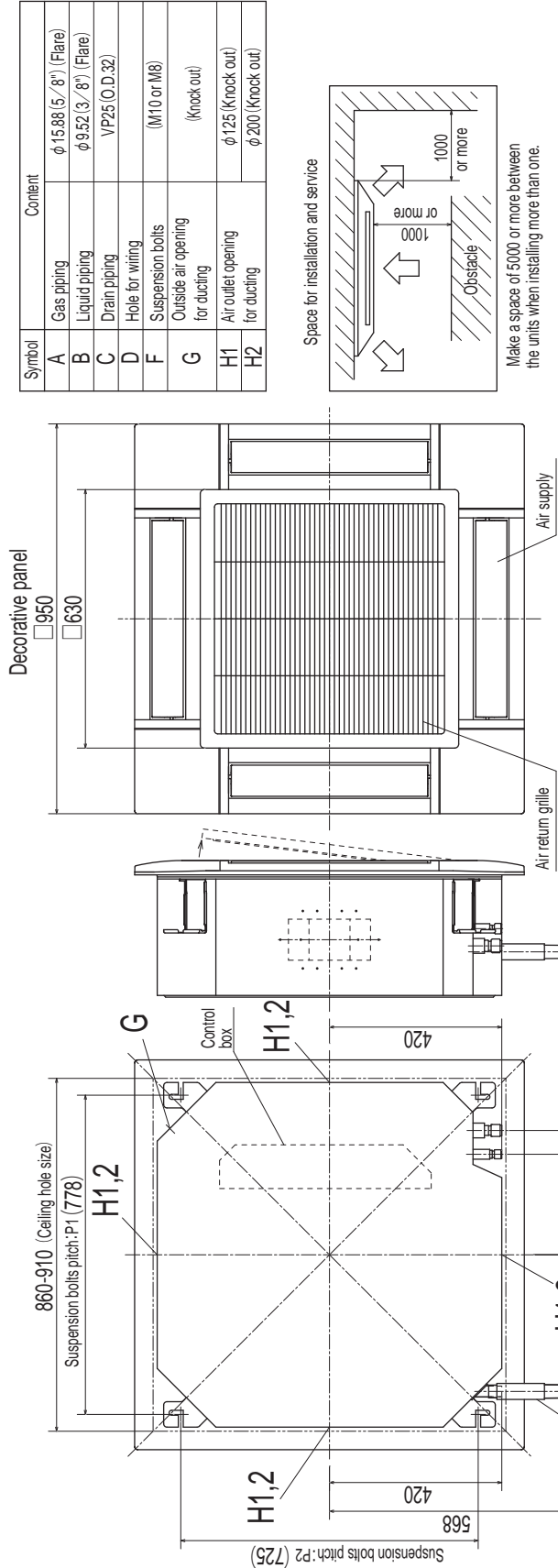
Notes (1) The data are measured at 33°CDB 28°CWB (68%RH) during cooling and 0°CDB-2.9°CWB (50%RH) during heating (no frost).
 (2) Temperature range of outdoor air must be 20 ~ 40°CDB (32°CWB or less) during cooling and -10°C ~ 24°CDB during heating.
 (3) Sound level indicates the value in an anechoic chamber.
 (4) The factory E.S.P. setting is set within the range of 10 - 120Pa. When SW8-4 is turned to "ON", E.S.P. setting range can be changed to 10 - 200 Pa. (For RC-EX3A and RC-E5 only)
 (5) Select the breaker size according to the own national standard.

Model	Specification
RC-EX3A	PJZ000Z333
RC-E5	PJZ000Z295
RCH-E3	PJZ000Z272
RCN-KIT4-E2	PJZ000Z323
LB-KIT	PJZ000Z331

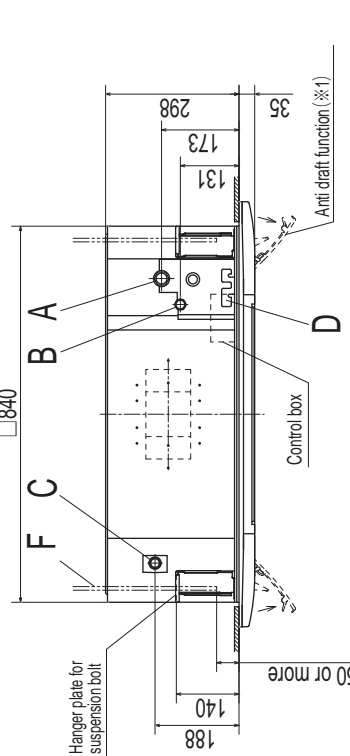
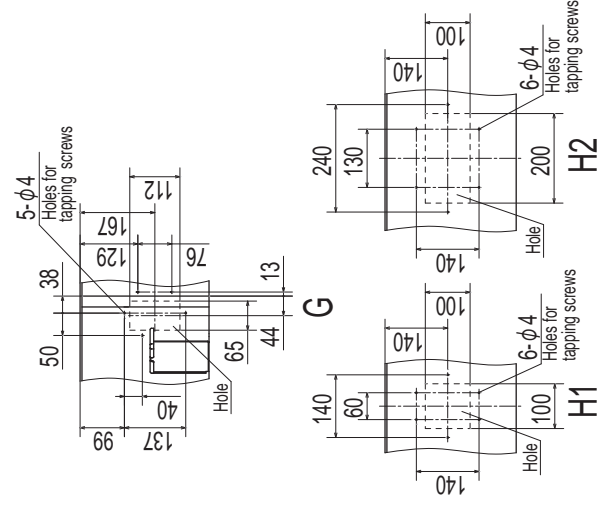
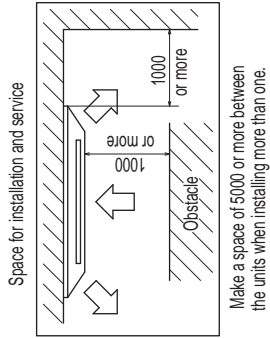
Adapted to RoHS directive

PJG000Z562

Models FDT90KXZE1, 112KXZE1, 140KXZE1, 160KXZE1



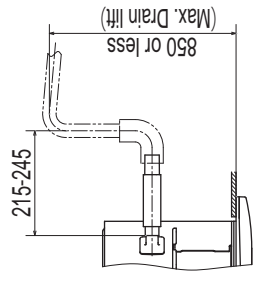
Symbol	Content
A	Gas piping φ15.88 (5/8") (Flare)
B	Liquid piping φ9.52 (3/8") (Flare)
C	Drain piping VP25 (O.D.32)
D	Hole for wiring
F	Suspension bolts (M10 or M8)
G	Outside air opening (Knock out)
H1	Air outlet opening for ducting φ125 (Knock out)
H2	Air outlet opening for ducting φ200 (Knock out)



Pitch area table of suspension bolt

Symbol	P1	P2
Pattern 1	770	725-770
Pattern 2	770-800	725

Notes (1) The model name label is attached to the control box lid.
 (2) Suspension bolt pitch P1, P2 is adjustable by a pattern of the right table.
 (3) Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.



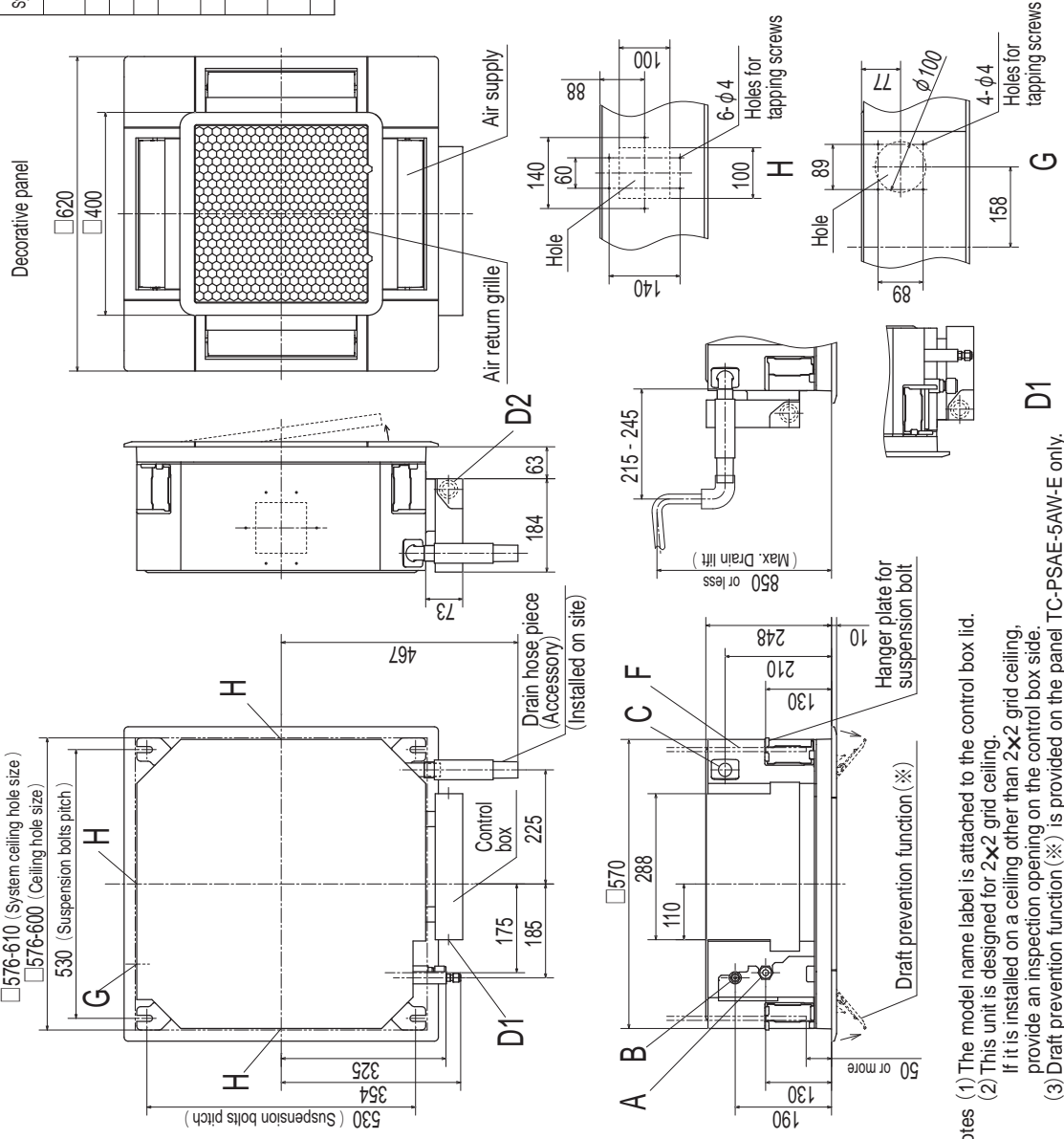
Unit: mm

PJF000Z418

(b) Ceiling cassette-4 way compact type (FDTC)

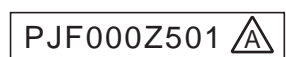
All models

Symbol	Model	Content
A	Gas piping	15.22.28 φ9.52(3/8") (Flare) φ12.7(1/2") (Flare)
B	Liquid piping	φ6.35(1/4") (Flare)
C	Drain piping	VP25 (O.D.32)
D1	Power source connection	
D2	Remote control code and signal wiring connection	
F	Suspension bolts	(M10 or M8)
G	Outside air opening for ducting	(Knock out)
H	Air outlet opening for ducting	φ125 (Knock out)
J	Inspection opening	450×450



Unit:mm

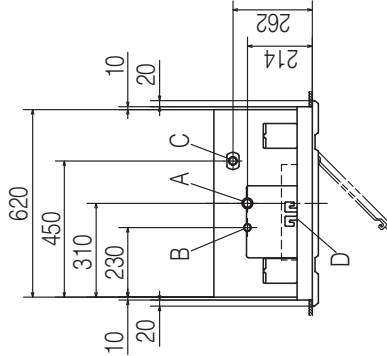
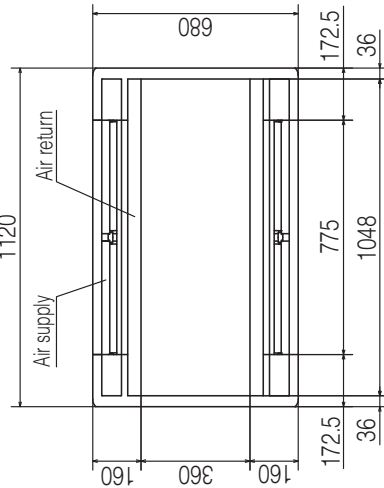
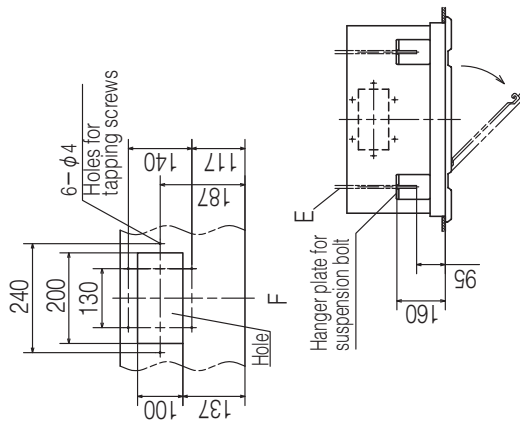
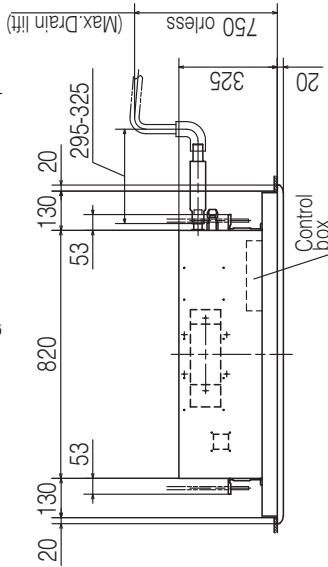
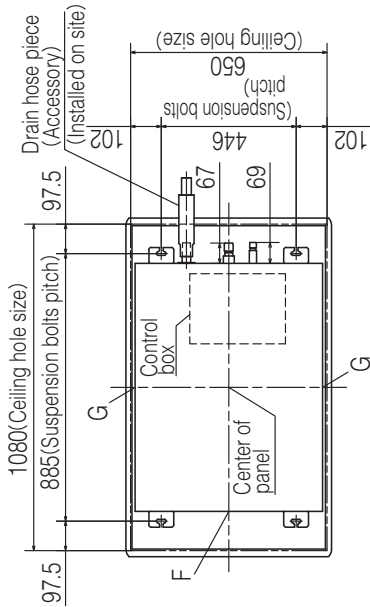
Notes (1) The model name label is attached to the control box lid.
 (2) This unit is designed for 2x2 grid ceiling. If it is installed on a ceiling other than 2x2 grid ceiling, provide an inspection opening on the control box side.
 (3) Draft prevention function (*) is provided on the panel TC-PSAE-5AW-E only.



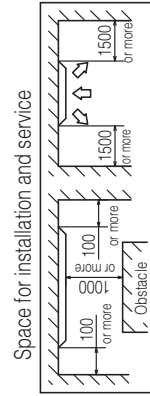
(c) Ceiling cassette-2 way type (FDTW)

Models FDTW28KXE6F, 45KXE6F, 56KXE6F, 71KXE6F

Symbol	Model	Content
A	Gas piping φ9.52(3/8") (Flare) φ12.7(1/2") (Flare) φ15.88(5/8") (Flare)	28 45, 56 71
B	Liquid piping φ6.35(1/4") (Flare)	
C	Drain piping VP25 (O.D.32)	
D	Hole for wiring Suspension bolts (M10)	
E	Outside air opening for ducting (Knock out)	
F	Air outlet opening for ducting (Knock out)	
G	Air outlet opening for ducting (Knock out)	



Note (1) The model name label is attached on the lid of the control box.

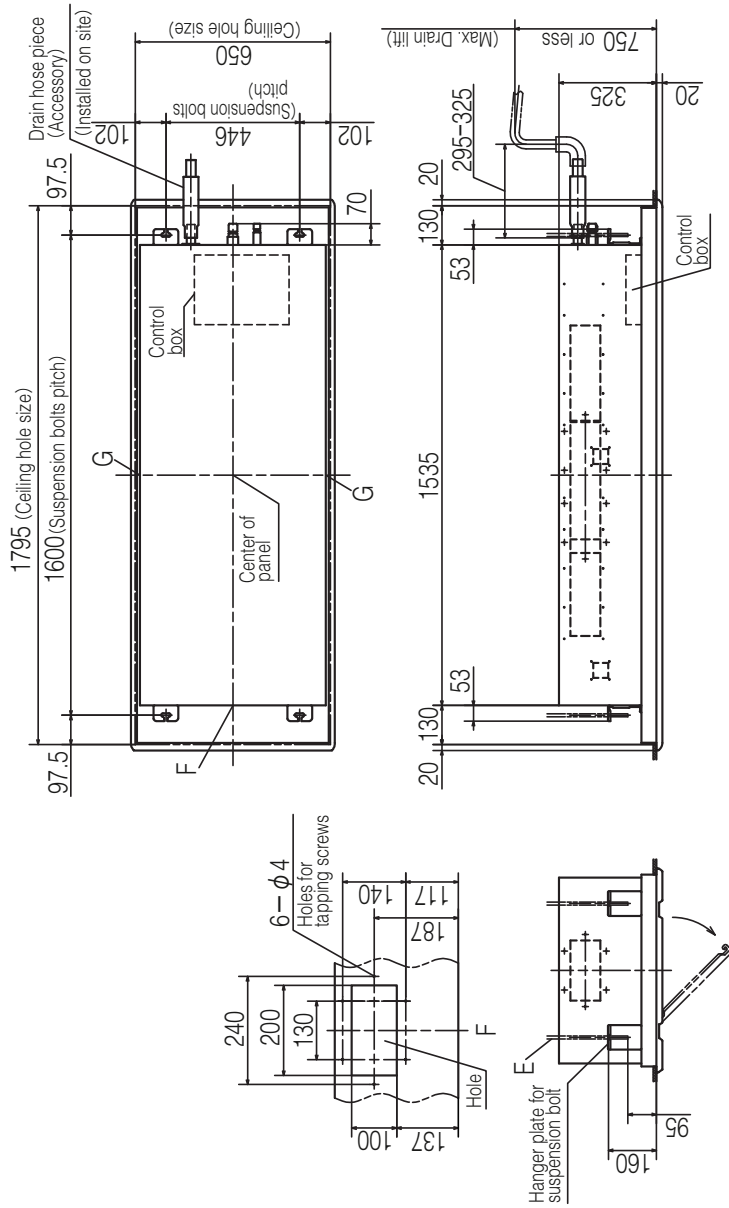


Make a space of 4000 or more between the units when installing more than one.

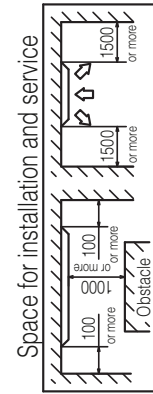
Unit : mm

Models FDTW90KXE6F, 112KXE6F, 140KXE6F

Symbol	Content
A	Gas piping φ15.88(5/8") (Flare)
B	Liquid piping φ9.52(3/8") (Flare)
C	Drain piping VP25 (O.D.32)
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)

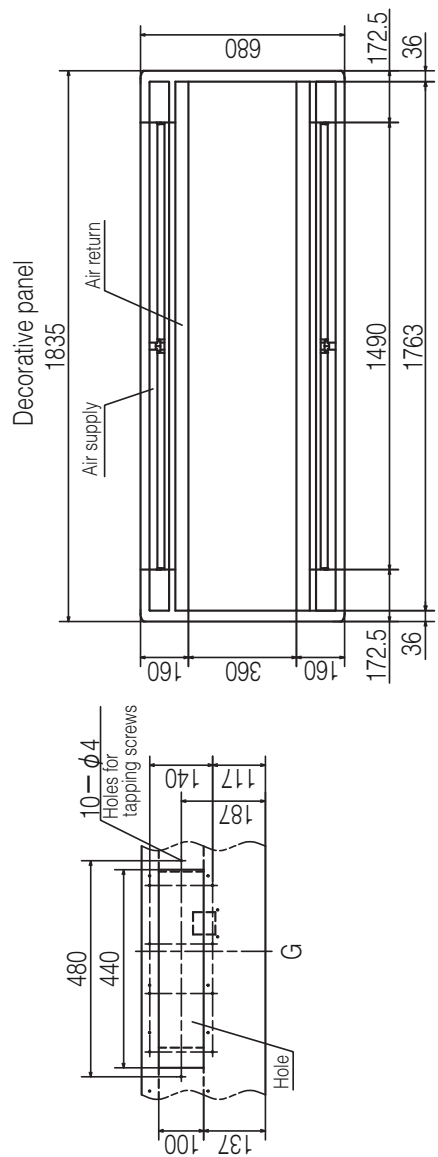


Note (1) The model name label is attached on the lid of the control box.



Make a space of 5000 or more between the units when installing more than one.

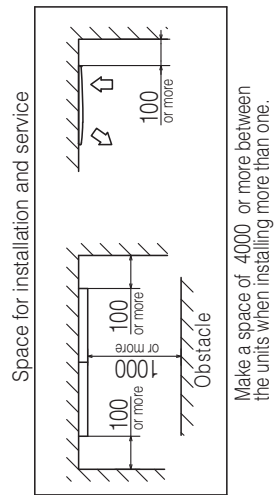
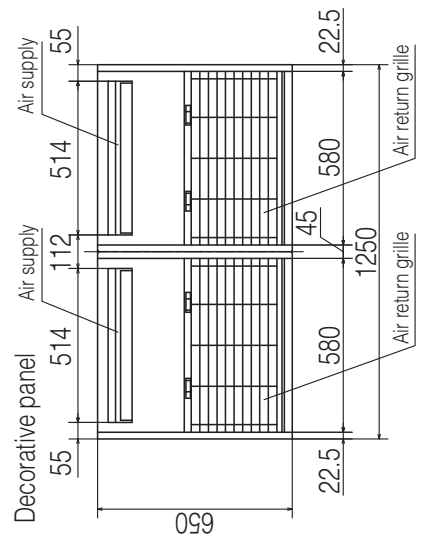
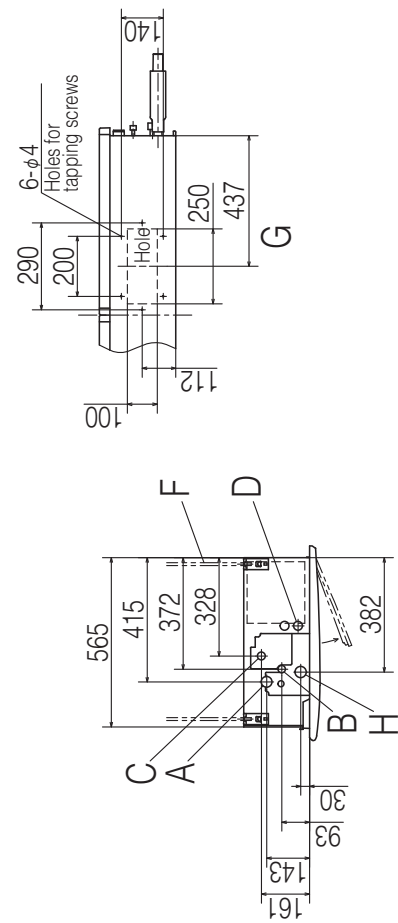
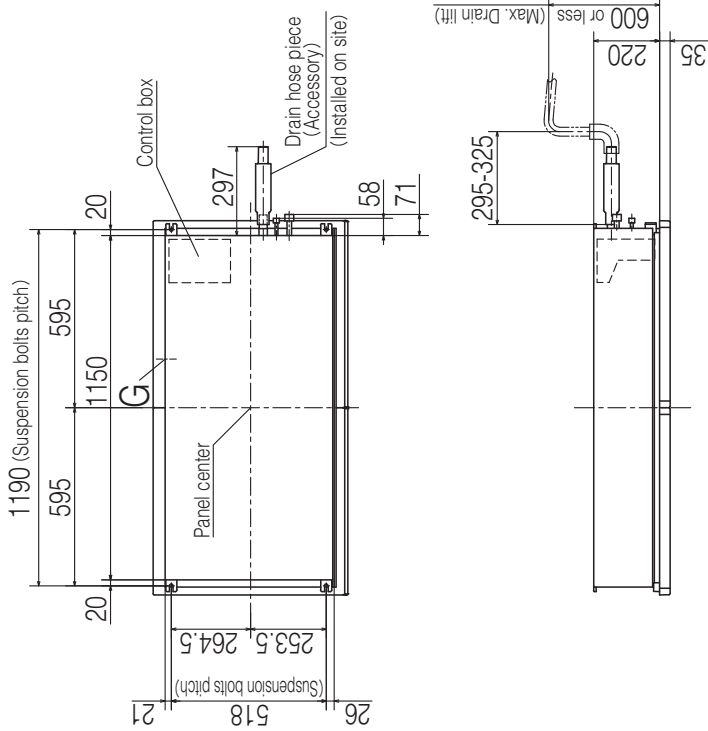
Unit : mm



PJB001Z714

(d) Ceiling cassette-1 way type (FDTS)
Models FDTS45KXE6F, 71KXE6F

Symbol	Model	Content
A	Gas piping φ12.7 (1/2") (Flare) φ15.88 (5/8") (Flare)	45
B	Liquid piping φ6.35 (1/4") (Flare) φ9.52 (3/8") (Flare)	71
C	Drain piping VP25 (I.D.25, O.D.32) Note (2)	
D	Hole for wiring	
F	Suspension bolts (M10)	
G	Outside air opening for ducting (Knock out)	
H	Drain piping (Gravity drainage) VP25 (I.D.25, O.D.32)	



- Notes (1) The model name label is attached inside the air return grille.
(2) Prepare the connecting socket (VP25) on site.
(3) This unit is designed for 2x4 grid ceiling.

Unit:mm

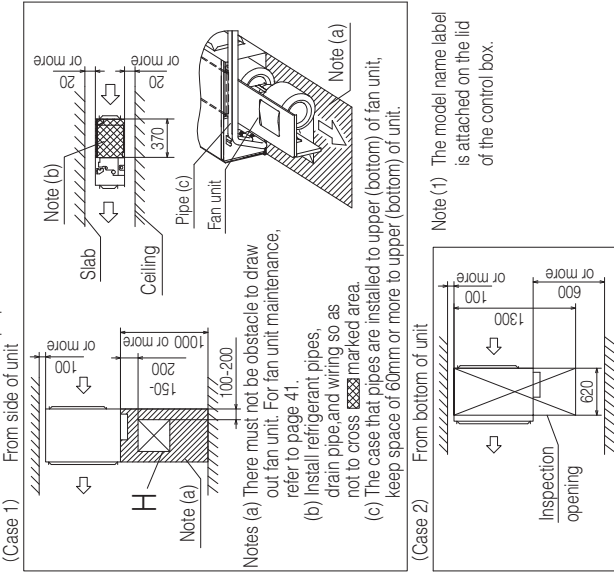
PJC001Z352

Models FDU71KXE6F, 90KXE6F

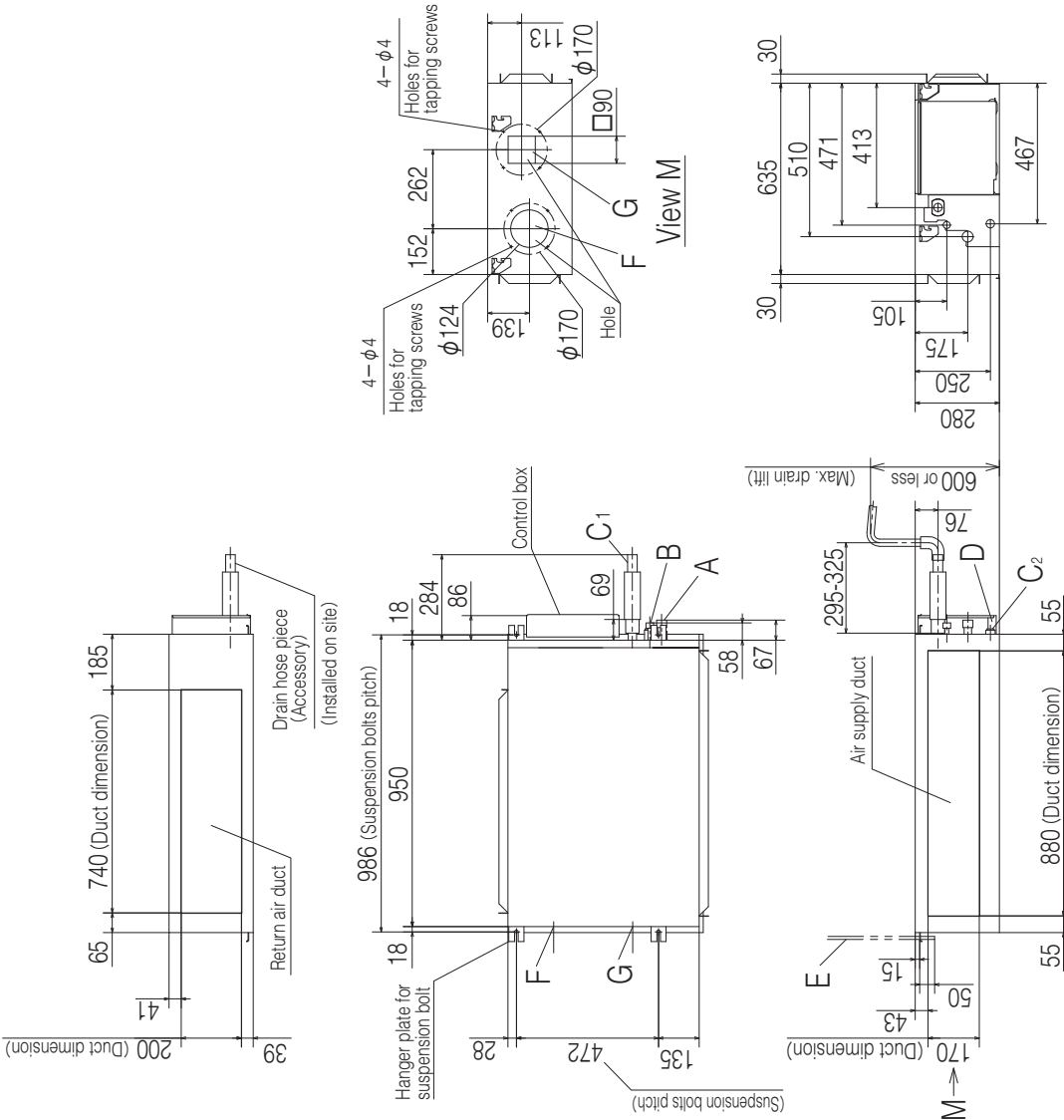
Symbol	Content
A	Gas piping φ15.88(5/8") (Flare)
B	Liquid piping φ9.52(3/8") (Flare)
C1	Drain piping VP25 (O.D. 32)
C2	Drain piping (Gravity drainage) VP20
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)
H	Inspection opening (450 X 450)

Space for installation and service

Select either of two cases to keep space for installation and services.



Unit:mm

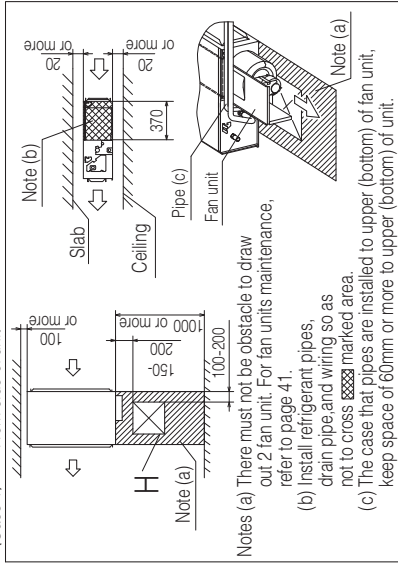


PJG000Z057

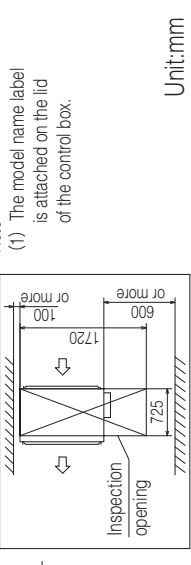
Models FDU112KXE6F, 140KXE6F, 160KXE6F

Symbol	Content
A	Gas piping φ15.88(5/8") (Flare)
B	Liquid piping φ9.52(3/8") (Flare)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage) VP20
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)
H	Inspection opening (450X450)

Space for installation and service
Select either of two cases to keep space for installation and services.
(Case 1) From side of unit



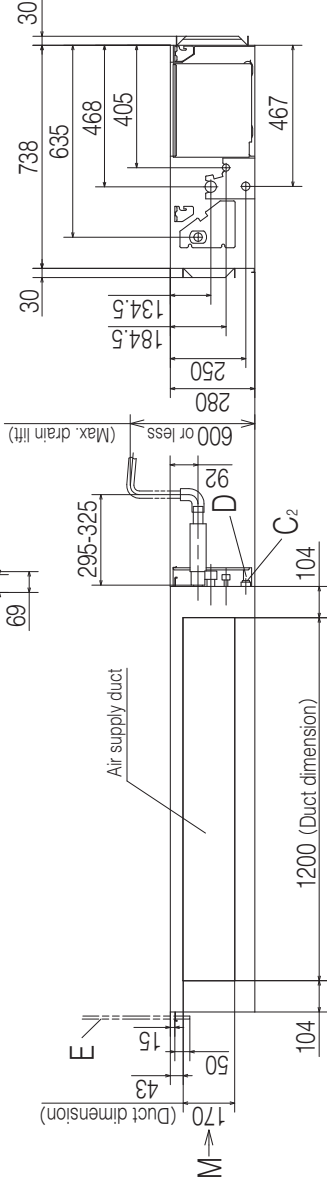
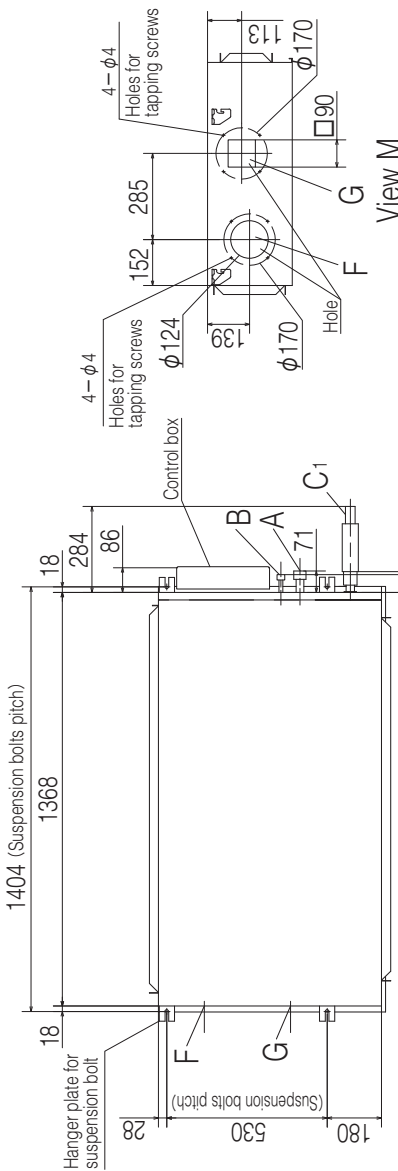
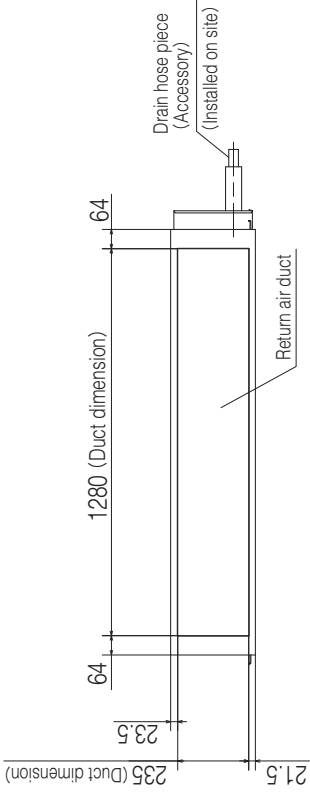
(Case 2) From bottom of unit



Unit:mm

Note

(1) The model name label is attached on the lid of the control box.



PJG000Z058

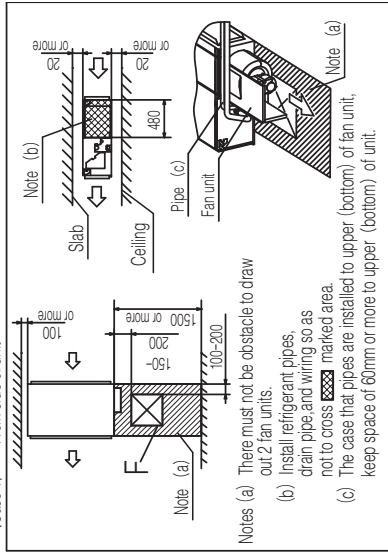
Models FDU224KXZE1, 280KXZE1

Symbol	MODEL	Content
A	Gas piping	224 280
B	Liquid piping	$\phi 19.05(3/4)$ (Brazing) $\phi 22.22(7/8)$ (Brazing)
C	Drain piping (Gravily drainage)	$\phi 9.52(3/8)$ (Brazing) VP25 (O.D.32)
D	Hole for wiring	M10
E	Suspension bolts	(450X450)
F	Inspection opening	

Space for installation and service

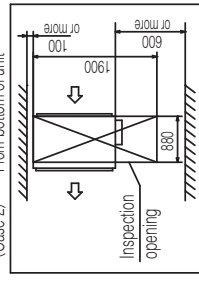
Select either of two cases to keep space for installation and services.

(Case 1) From side of unit



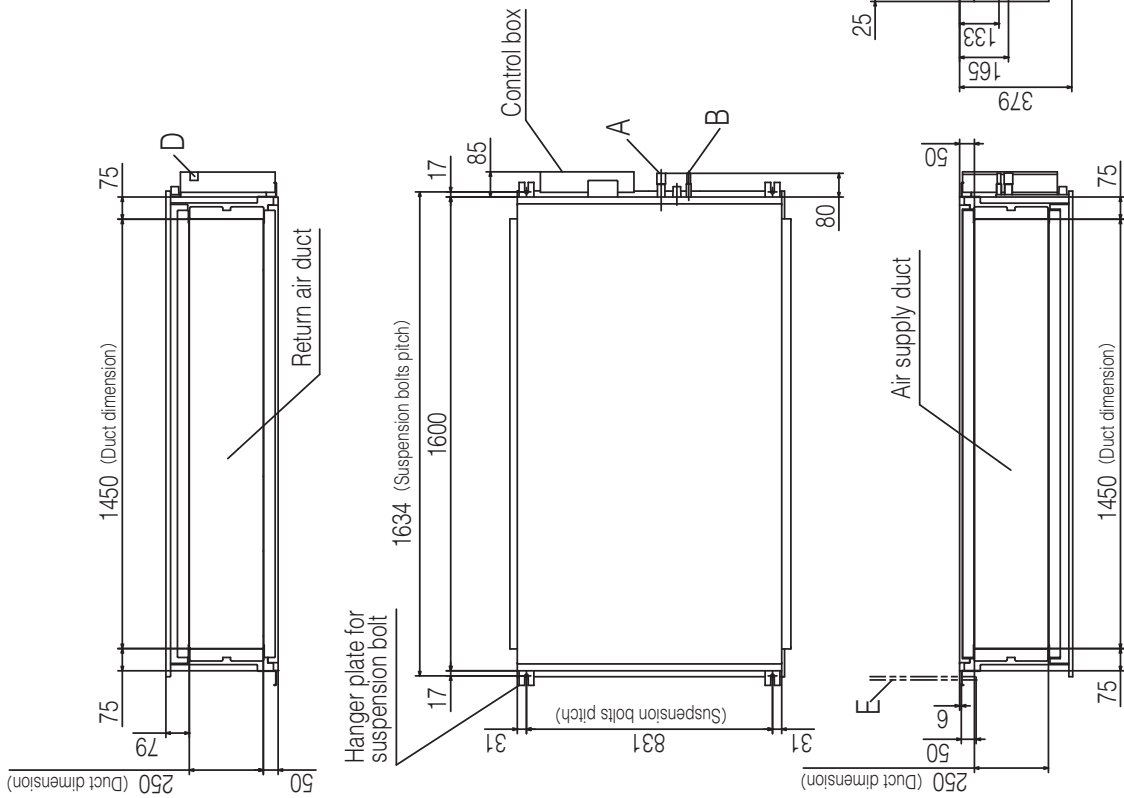
- Notes
- (a) There must not be obstacle to draw out 2 fan units.
 - (b) Install refrigerant pipes, drain pipe and wiring so as not to cross the marked area.
 - (c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

(Case 2) From bottom of unit



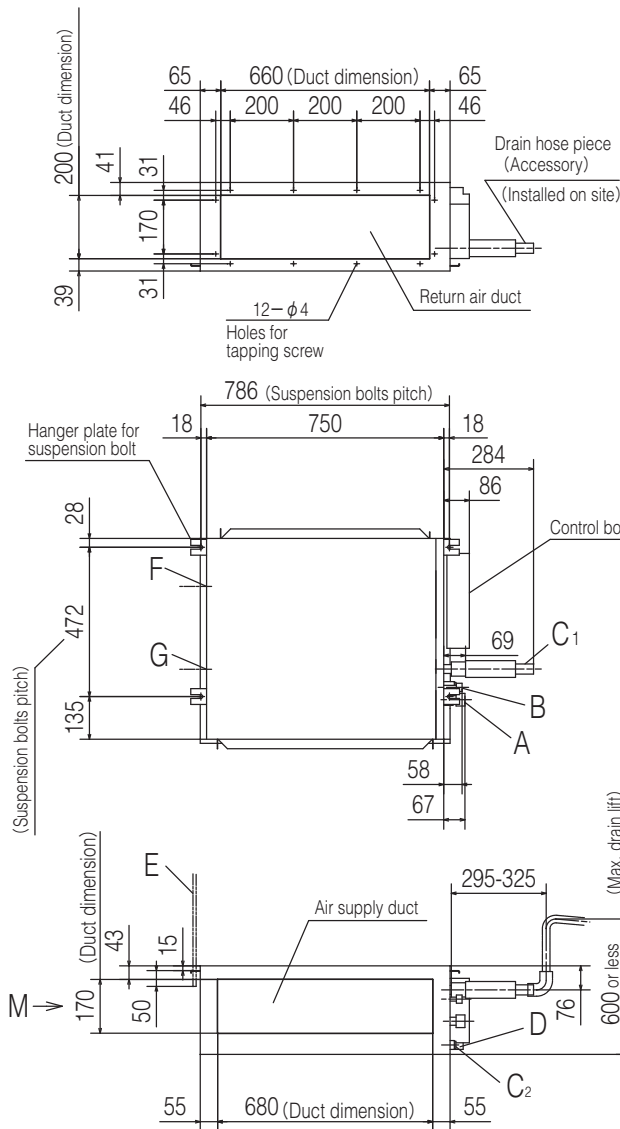
Notes (1) The model name label is attached on the lid of the control box.

Unit:mm



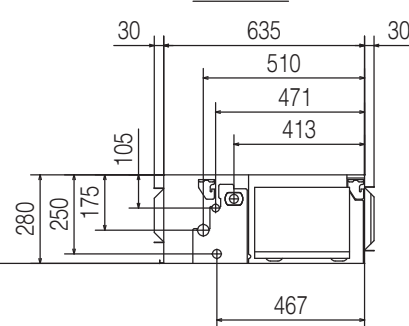
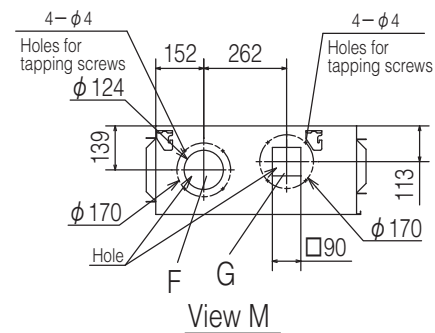
PJG000Z287

(f) Duct connected-Low/Middle static pressure type (FDUM)
Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F



Symbol	Content	
	Model	22,28 36,45,56
A	Gas piping	$\phi 9.52(3/8")$ (Flare) $\phi 12.7(1/2")$ (Flare)
B	Liquid piping	$\phi 6.35(1/4")$ (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450×450)

Note (1) The model name label is attached on the lid of the control box.

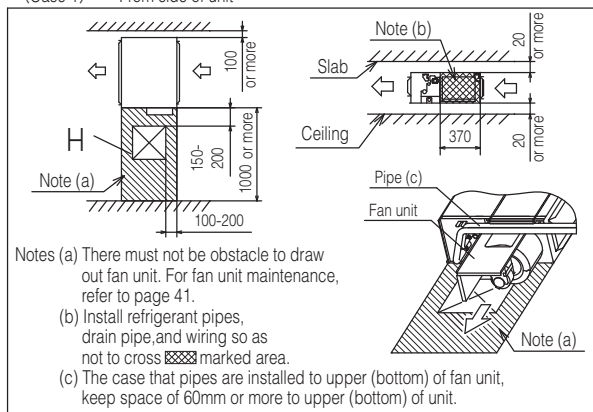


Unit:mm

Space for installation and service

Select either of two cases to keep space for installation and services.

(Case 1) From side of unit

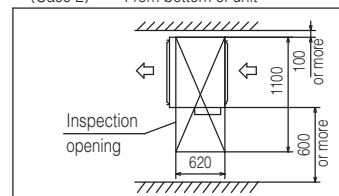


Notes (a) There must not be obstacle to draw out fan unit. For fan unit maintenance, refer to page 41.

(b) Install refrigerant pipes, drain pipe, and wiring so as not to cross marked area.

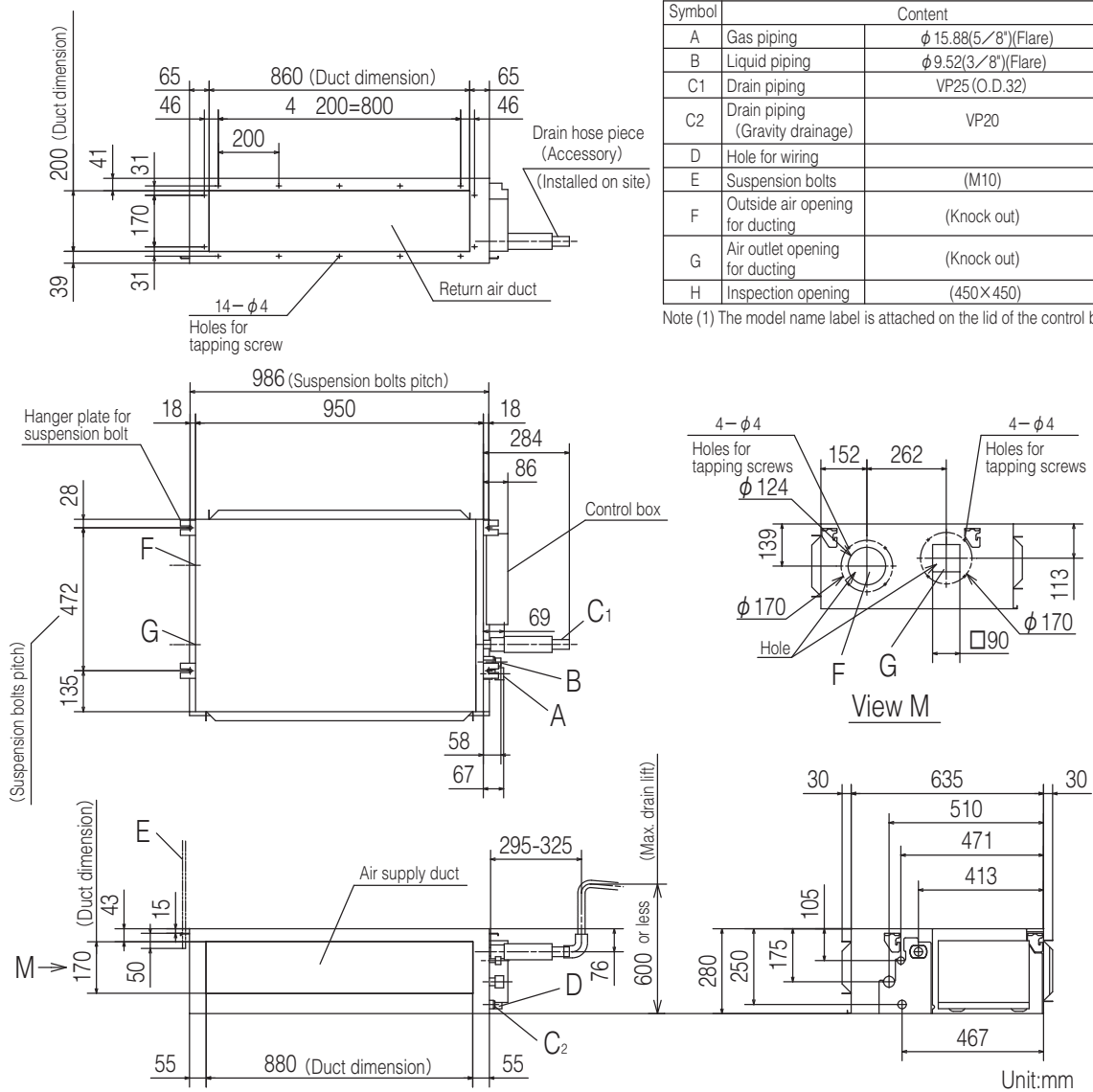
(c) The case that pipes are installed to upper (bottom) of fan unit, keep space of 60mm or more to upper (bottom) of unit.

(Case 2) From bottom of unit



PJG000Z016

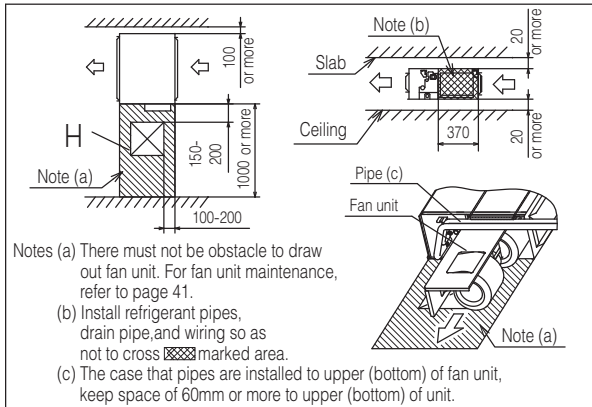
Models FDUM71KXE6F, 90KXE6F



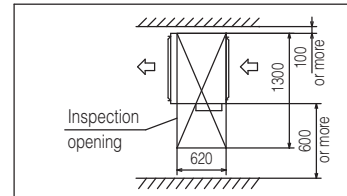
Space for installation and service

Select either of two cases to keep space for installation and services.

(Case 1) From side of unit

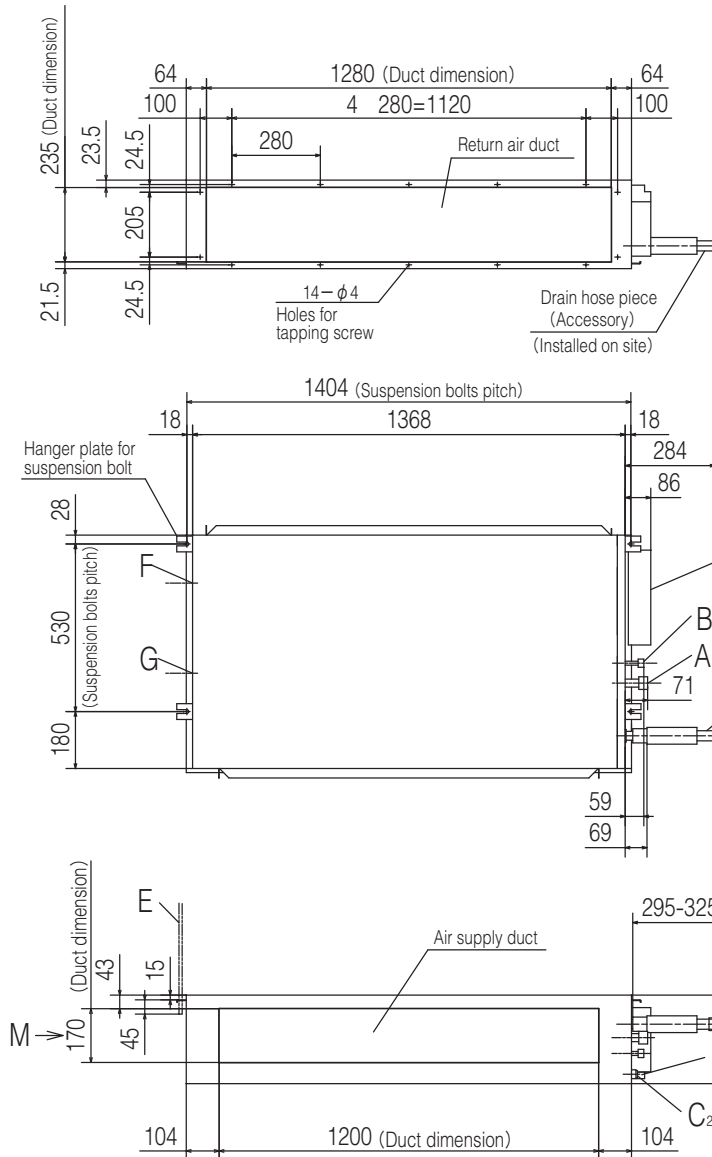


(Case 2) From bottom of unit



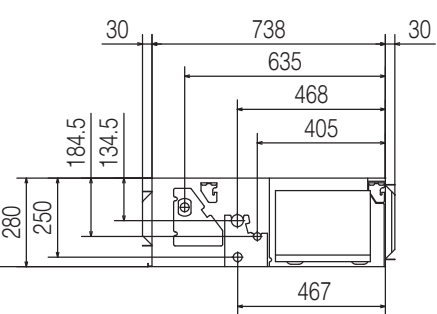
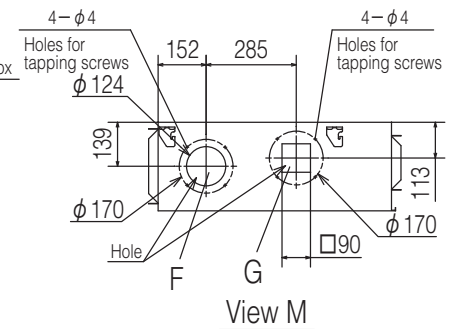
PJG000Z017

Models FDUM112KXE6F, 140KXE6F, 160KXE6F



Symbol	Content	
A	Gas piping	φ 15.88(5/8") (Flare)
B	Liquid piping	φ 9.52(3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection opening	(450×450)

Note (1) The model name label is attached on the lid of the control box.

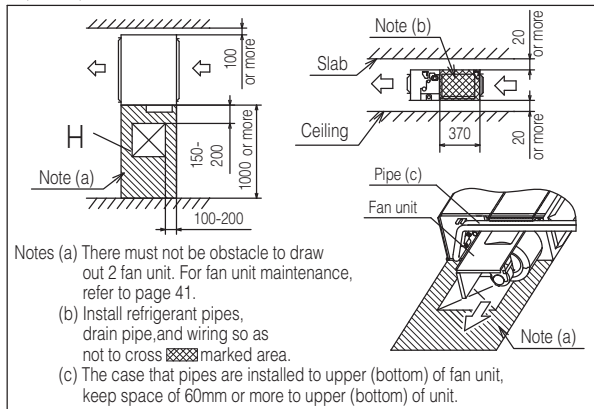


Unit:mm

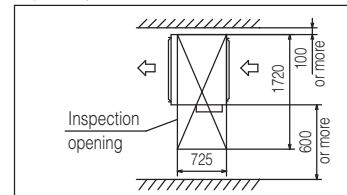
Space for installation and service

Select either of two cases to keep space for installation and services.

(Case 1) From side of unit



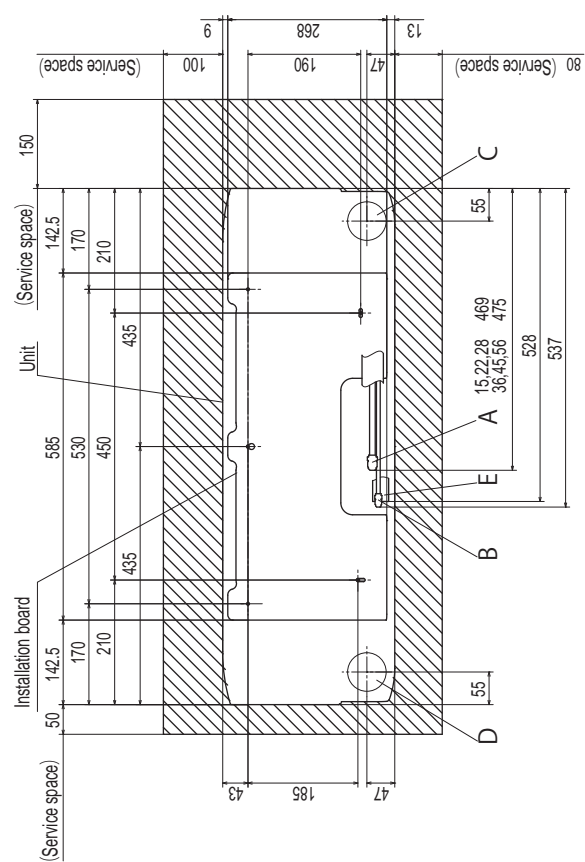
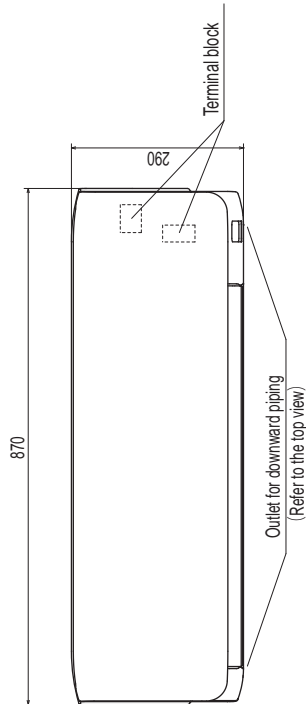
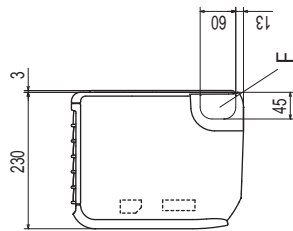
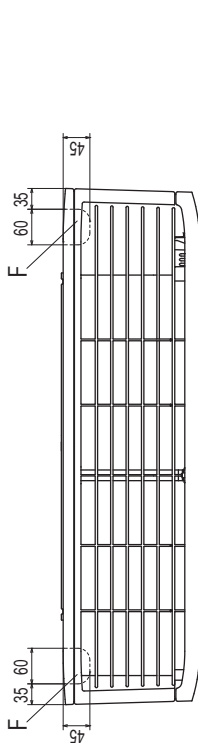
(Case 2) From bottom of unit



(h) Wall mounted type (FDK)

Models FDK15KXZE1, 22KXZE1, 28KXZE1, 36KXZE1, 45KXZE1, 56KXZE1

Symbol	Model	Content
A	Gas piping	15,22,28 $\phi 9.52 (3/8")$ (Flare) $\phi 12.7 (1/2")$ (Flare)
B	Liquid piping	$\phi 6.35 (1/4")$ (Flare)
C	Hole on wall for right rear piping	$\phi 65$
D	Hole on wall for left rear piping	$\phi 65$
E	Drain hose	VP16
F	Outlet for wiring (on both side)	



Unit:mm

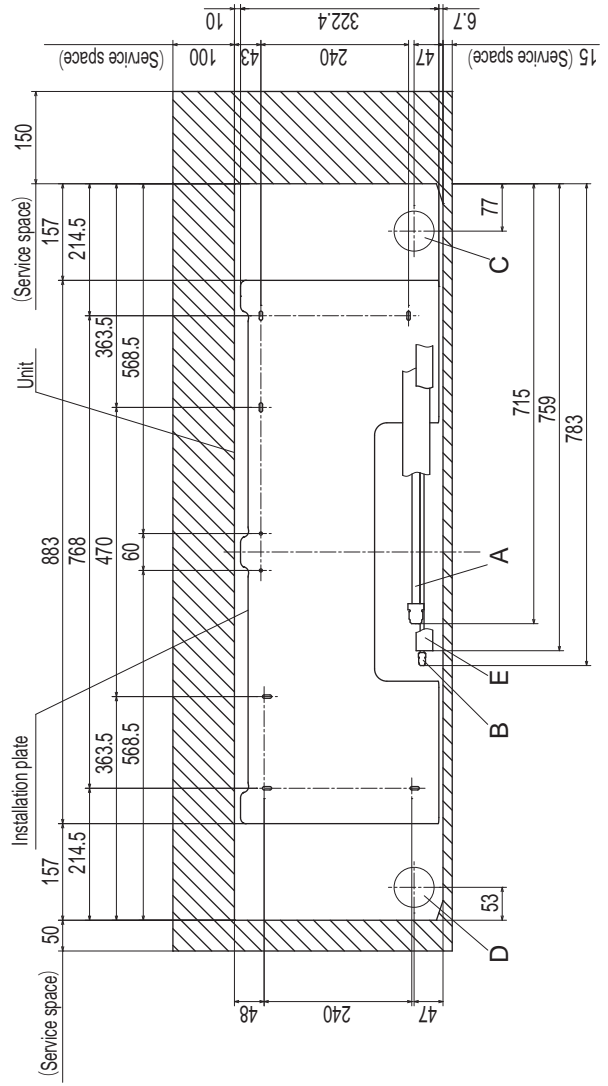
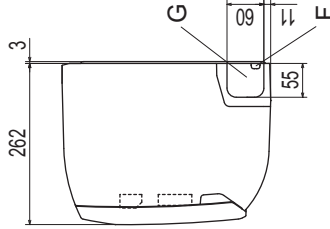
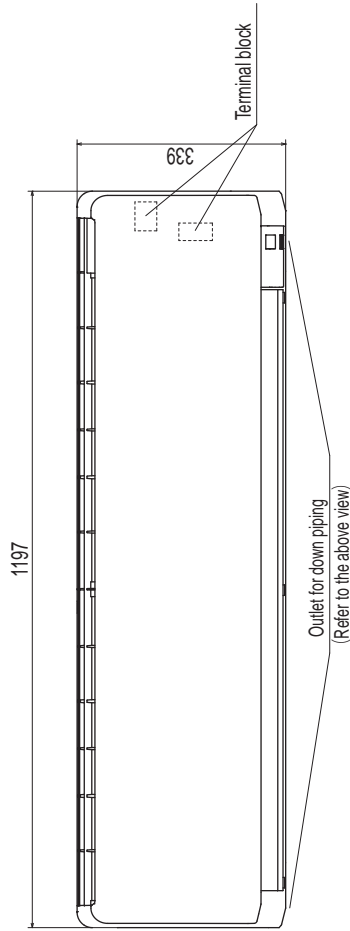
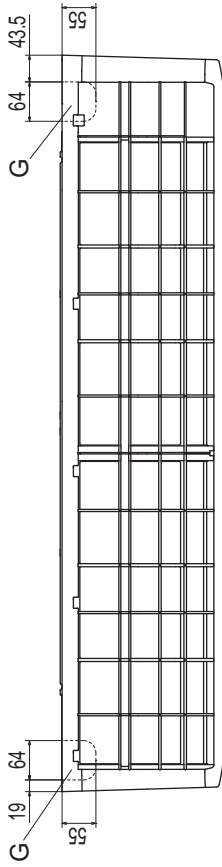
Note (1) The model name label is attached on the right side of the unit.

Space for installation and service when viewing from the front

PHA001Z105

Models FDK71KXZE1, 90KXZE1

Symbol	Content
A	Gas piping φ15.88(5/8") (Flare)
B	Liquid piping φ9.52(3/8") (Flare)
C	Hole on wall for right rear piping (φ65)
D	Hole on wall for left rear piping (φ65)
E	Drain hose VP16
F	Outlet for wiring (on both side)
G	Outlet for piping (on both side)



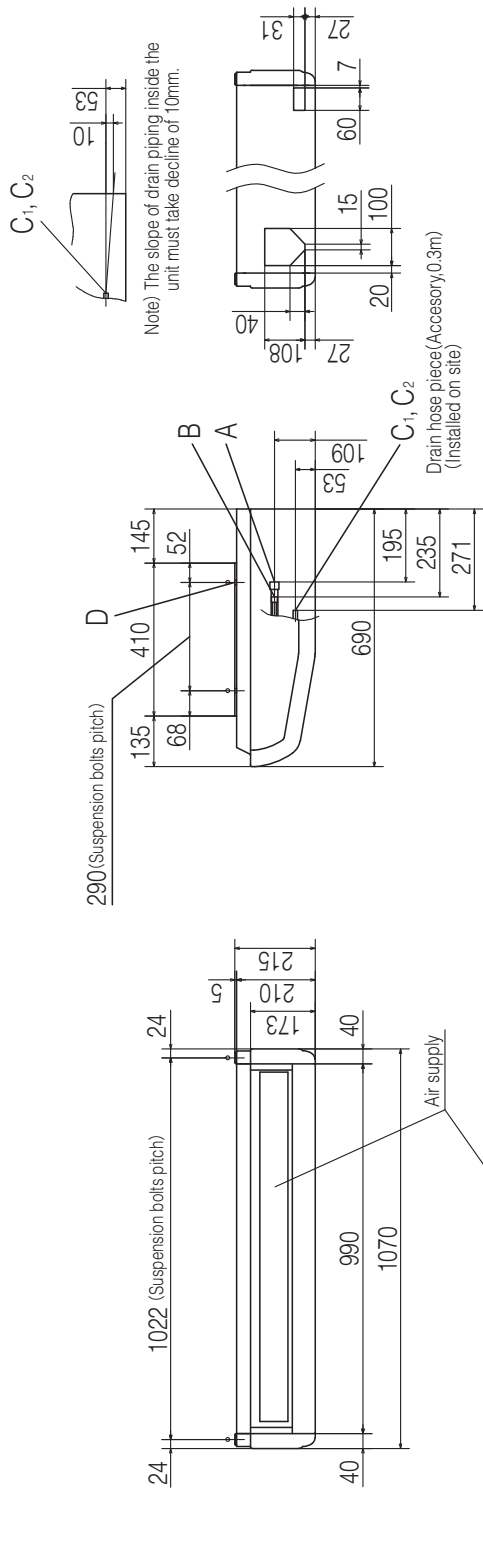
Unit:mm

Note (1) The model name label is attached on the underside of the indoor unit.

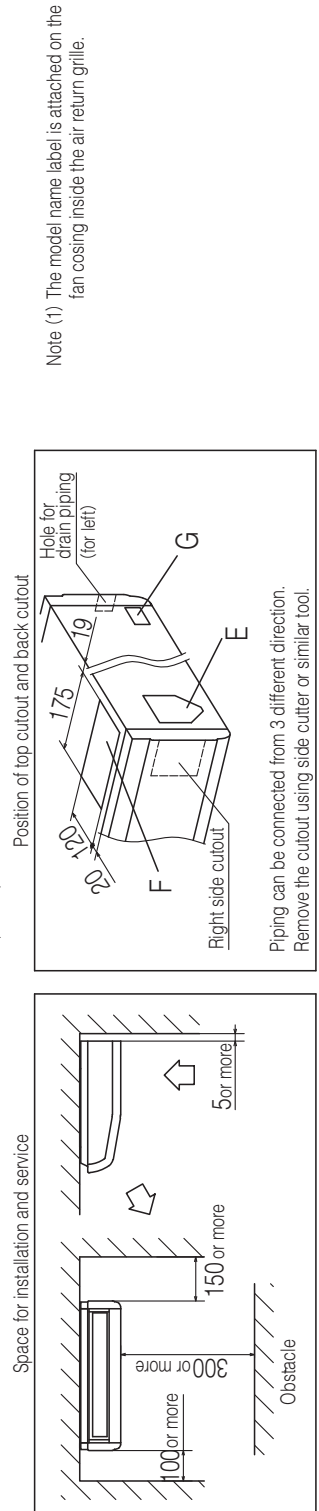
Space for installation and service when viewing from the front

PHA001Z106

(i) Ceiling suspended type (FDE)
 Models FDE36KXZE1, 45KXZE1, 56KXZE1



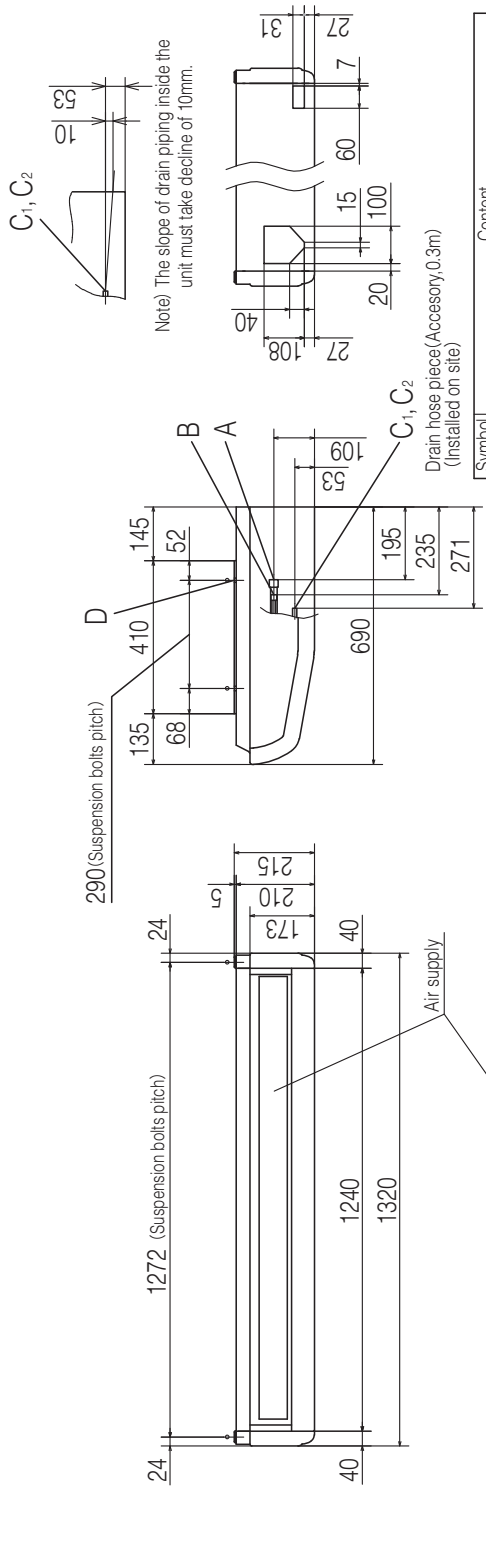
Symbol	Content
A	Gas piping φ12.7(1/2") (Flare)
B	Liquid piping φ6.35(1/4") (Flare)
C _{1,2}	Drain piping VP20
D	Hole for suspension bolt (M10 or M8)
E	Back cutout PE cover
F	Top cutout Plate cover
G	Hole for drain piping (for left back) (Knock out)



Unit:mm

PFA004Z036

Model FDE71KXZE1

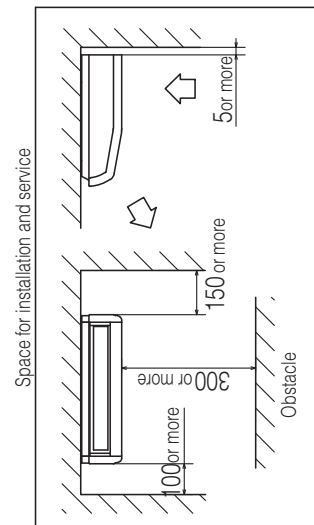
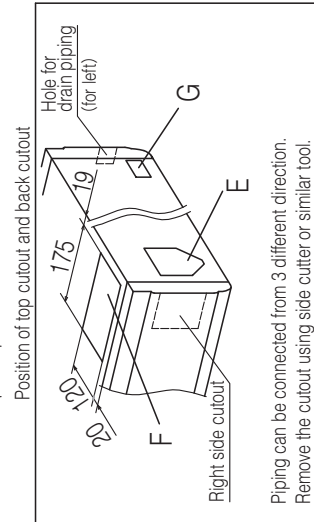


Drain hose piece (Accessory, 0.3m)
(Installed on site)

Symbol	Content
A	Gas piping $\phi 15.88(5/8)$ (Flare)
B	Liquid piping $\phi 9.52(3/8)$ (Flare)
C _{1,2}	Drain piping VP20
D	Hole for suspension bolt (M10 or M8)
E	Back cutout PE cover
F	Top cutout Plate cover
G	Hole for drain piping (for left, back) (Knock out)

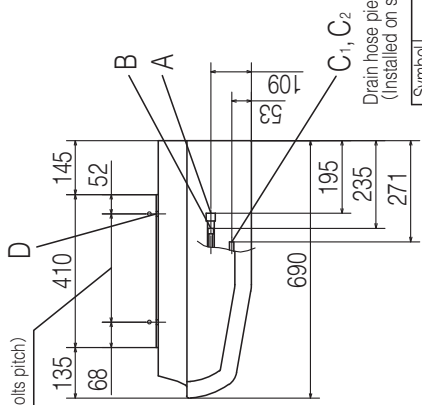
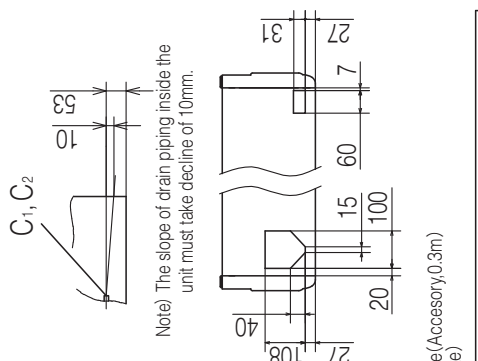
Unit:mm

Note (1) The model name label is attached on the fan casing inside the air return grille.



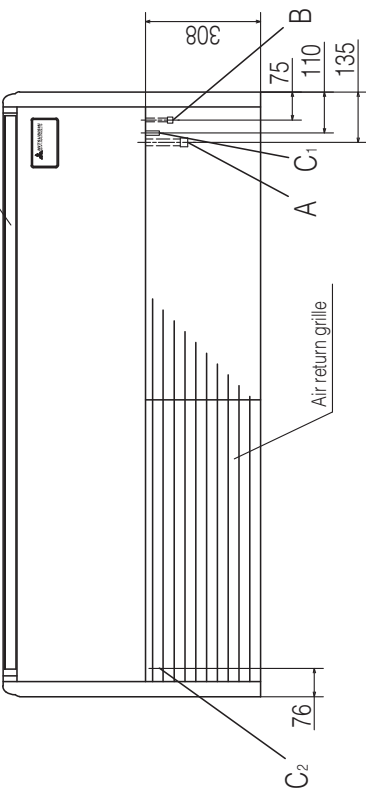
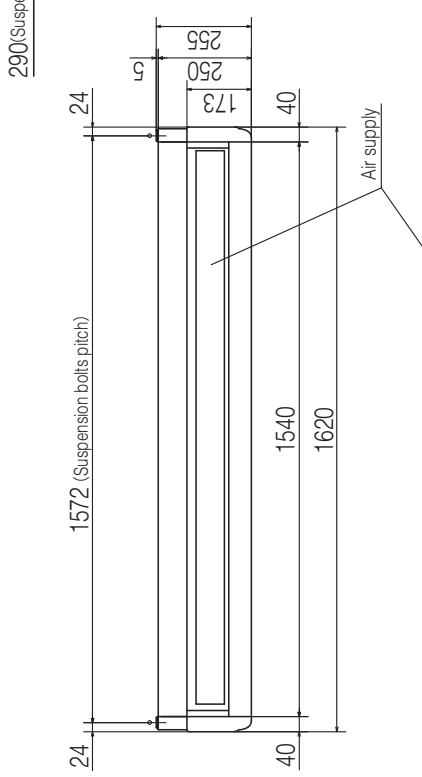
PFA004Z037

Models FDE112KXZE1, 140KXZE1

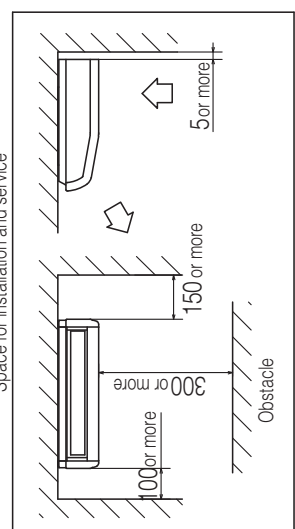
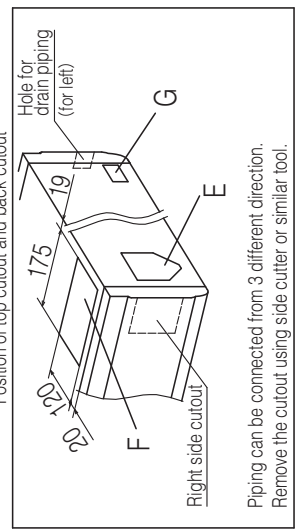


Drain hose piece (Accessory, 0.3m) (Installed on site)

Symbol	Content
A	Gas piping φ 15.88 (5/8") (Flare)
B	Liquid piping φ 9.52 (3/8") (Flare)
C _{1,2}	Drain piping VP20
D	Hole for suspension bolt (M10 or M8)
E	Back cutout PE cover
F	Top cutout Plate cover
G	Hole for drain piping (for left back) (Knock out)



Position of top cutout and back cutout



Note (1) The model name label is attached on the fan casing inside the air return grille.

Unit:mm

PFA004Z038

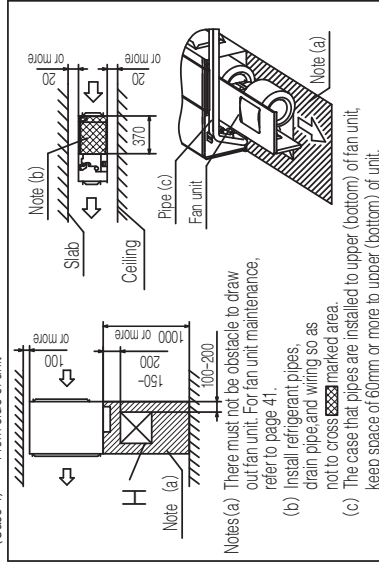
(j) Outdoor air processing unit (FDU-F)
Model FDU650FKXZE1

Symbol	Content
A	Gas piping φ15.88(5/8") (Flare)
B	Liquid piping φ9.52(3/8") (Flare)
C1	Drain piping VP25(O.D.32)
C2	Drain piping (Gravity drainage) VP20 (O.D.26) (Standard) or VP25(O.D.32) (Used with attached socket)
D	Hole for wiring
E	Suspension bolts M10
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)
H	Inspection opening (450×450)

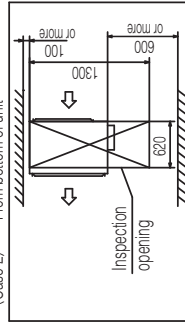
Space for installation and service

Select either of two cases to keep space for installation and services.

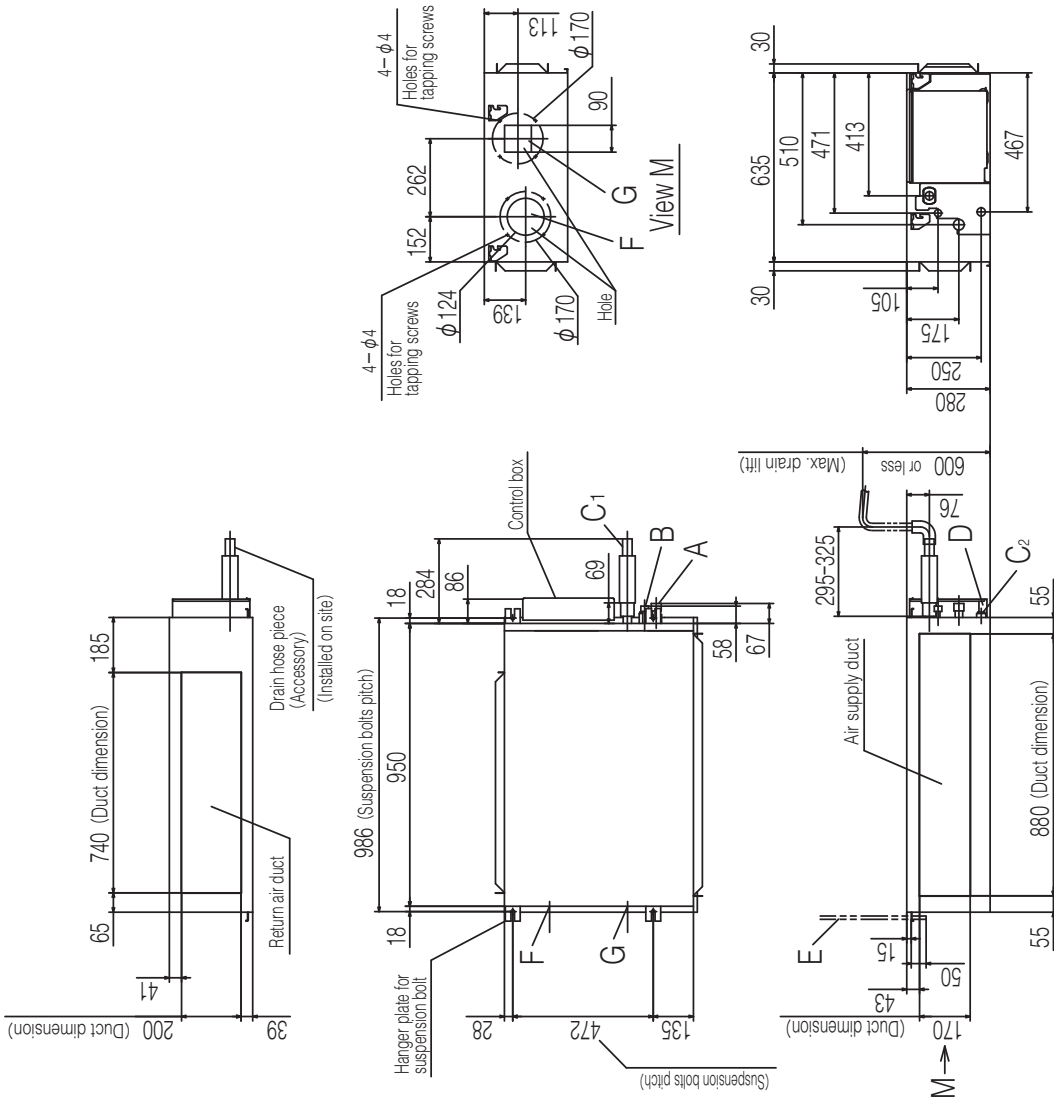
(Case 1) From side of unit



(Case 2) From bottom of unit



Unit:mm



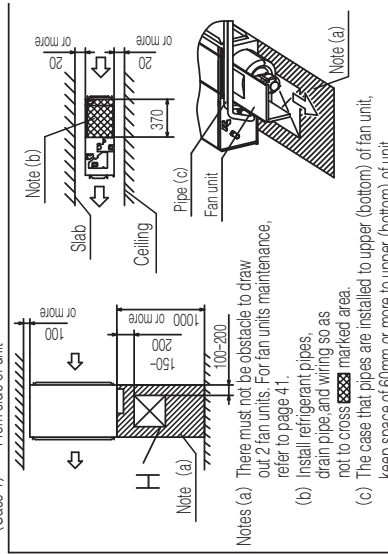
PJG000Z295

Model FDU1100FKXZE1

Symbol	Content
A	Gas piping φ1588 (5/8") (Flare)
B	Liquid piping φ952 (3/8") (Flare)
C1	Drain piping VP25 (O.D.32)
C2	Drain piping (Gravity drainage) VP20 (O.D.26) (Standard) or VP25 (O.D.32) (Used with attached socket)
D	Hole for wiring
E	Suspension bolts M10
F	Outside air opening for ducting (Knock out)
G	Air outlet opening for ducting (Knock out)
H	Inspection opening (450×450)

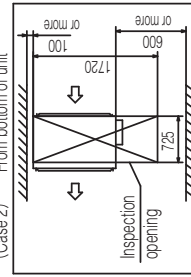
Space for installation and service

Select either of two cases to keep space for installation and services.
(Case 1) From side of unit

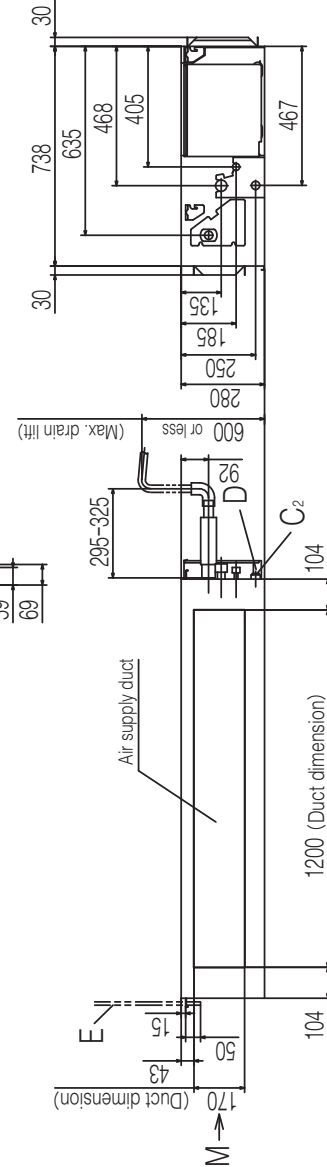
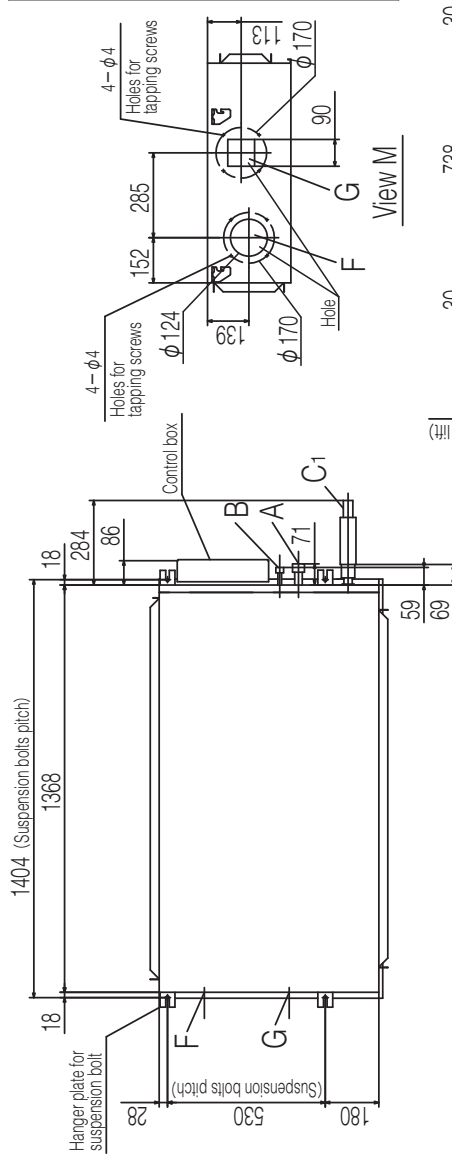
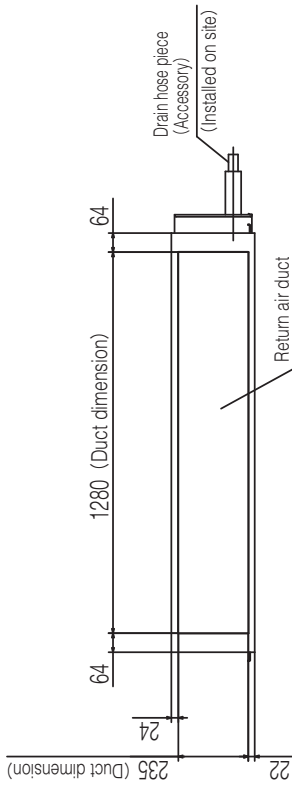


Space for installation and service

Select either of two cases to keep space for installation and services.
(Case 2) From bottom of unit



Unit:mmm



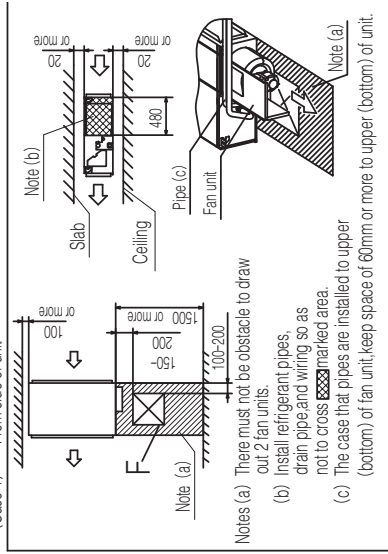
PJG000Z296

Models FDU1800FKXE1, 2400FKXE1

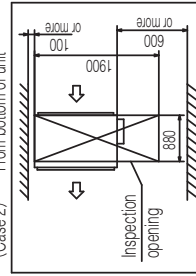
Symbol	Content	
	MODEL	2400
A	Gas piping	1800 φ19.05 (3/4") (Brazing) φ22.22 (7/8") (Brazing)
B	Liquid piping	φ9.52 (3/8") (Brazing)
C	Drain piping (Gravity drainage)	VP25 (O.D.32)
D	Hole for wiring	
E	Suspension bolts	M10
F	Inspection opening	(450X450)

Space for installation and service

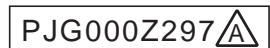
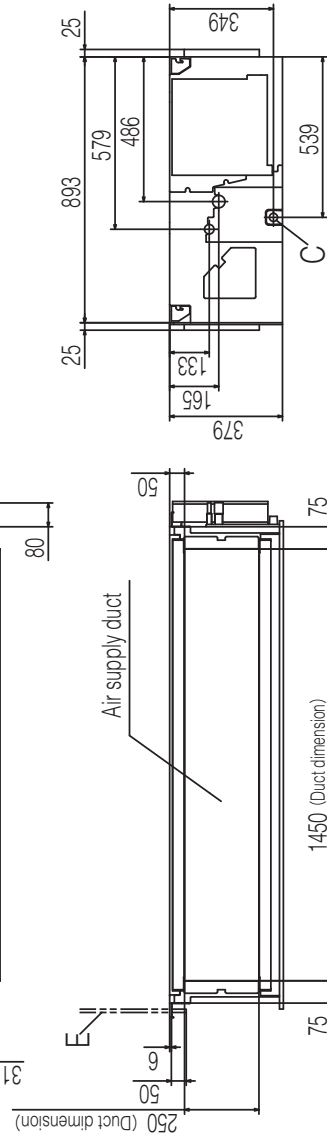
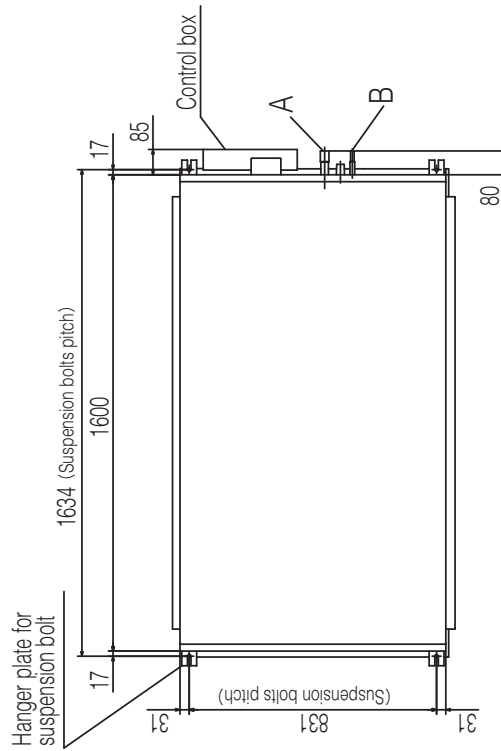
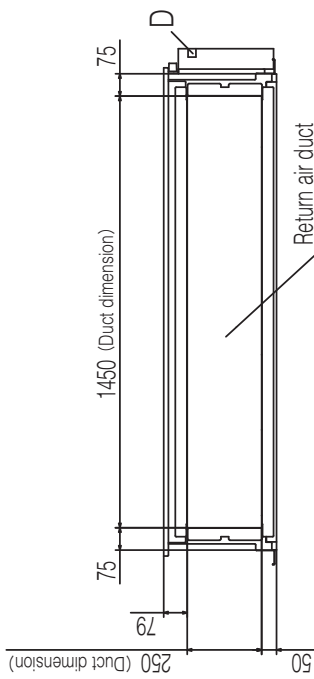
Select either of two cases to keep space for installation and services.
(Case 1) From side of unit



(Case 2) From bottom of unit



Unit:mm



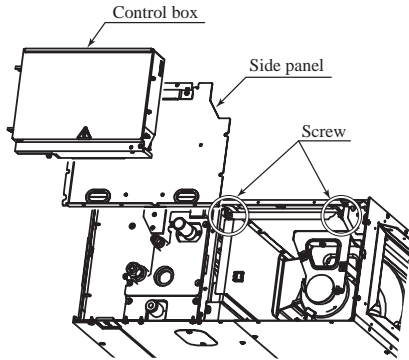
● **Replacement procedure of the fan unit**

Notes(1) The unit is a heavy item. It must be supported securely and handled with care not to drop when it is necessary to replace.

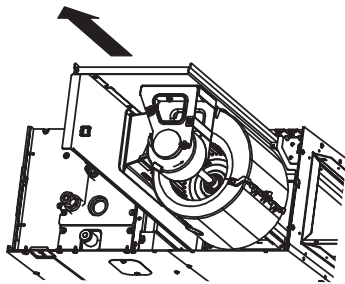
(2) For the maintenance space, refer to EXTERIOR DIMENSIONS.

**1) Models FDU45, 56KXE6F
FDUM22, 28, 36, 45, 56KXE6F**

a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) in the figure.

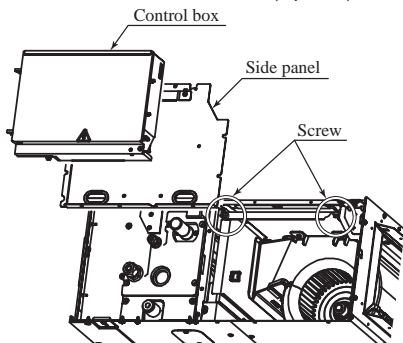


b) Take out the fan unit in the arrow direction.

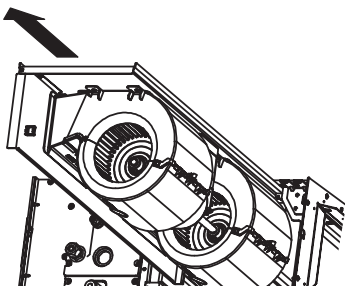


**2) Models FDU71, 90KXE6F, 650FKXE1
FDUM71, 90KXE6F**

a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) in the figure.

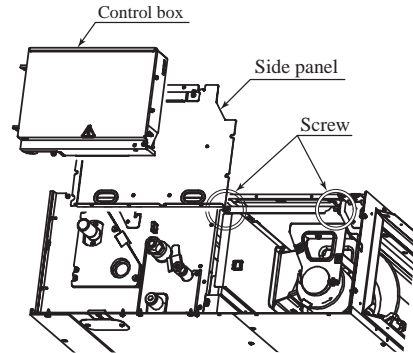


b) Take out the fan unit in the arrow direction.

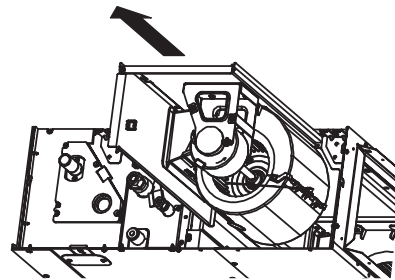


**3) Models FDU112, 140, 160KXE6F, 1100FKXE1
FDUM112, 140, 160KXE6F**

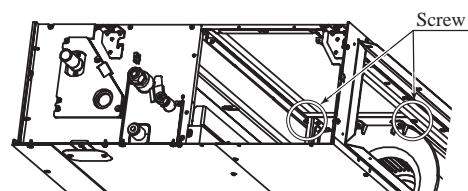
a) Remove the control box and the side panel, and remove the screws marked in the circles (2 places) from the unit located at the near side.



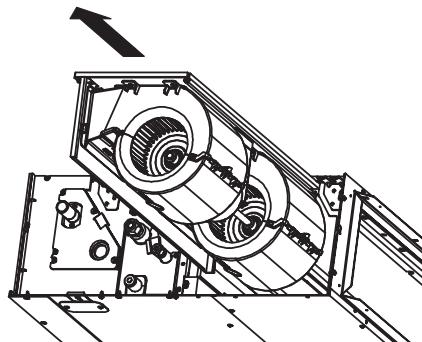
b) Take out the fan unit located at the near side in the arrow direction.



c) Remove the screws marked in the circles (2 places) from the fan unit located at the far side.



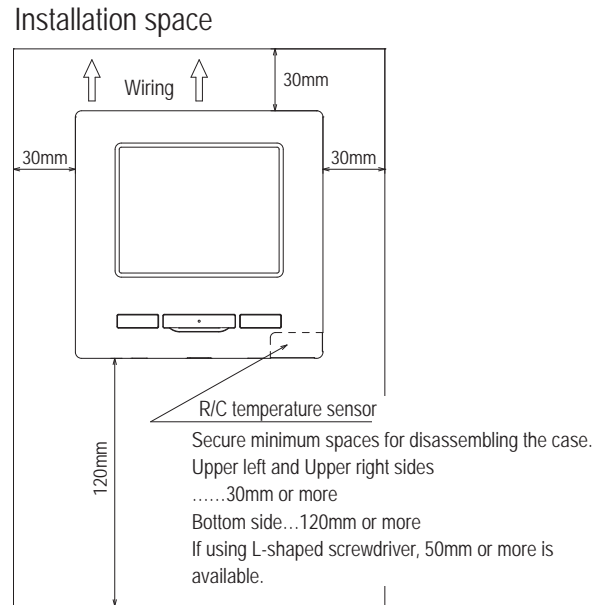
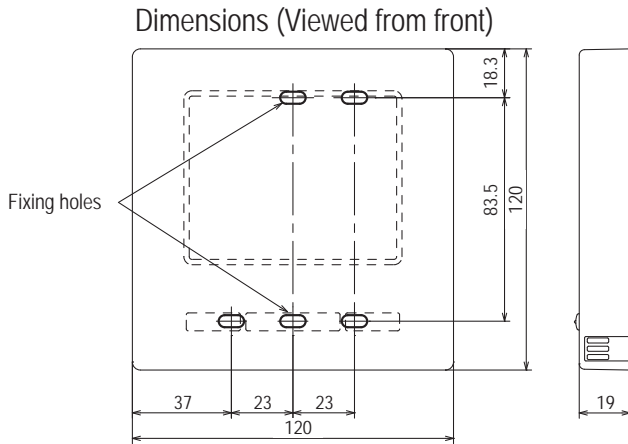
d) Take out the fan unit in the arrow direction.



(2) Remote control (Option parts)

(a) Wired remote control

Model RC-EX3A



• Do not install the remote control at following places.

- (1) It could cause break-down or deformation of remote control.
 - Where it is exposed to direct sunlight
 - Where the ambient temperature becomes 0 °C or below, or 40 °C or above
 - Where the surface is not flat
 - Where the strength of installation area is insufficient
- (2) Moisture may be attached to internal parts of the remote control, resulting in a display failure.
 - Place with high humidity where condensation occurs on the remote control
 - Where the remote control gets wet
- (3) Accurate room temperature may not be detected using the temperature sensor of the remote control.
 - Where the average room temperature cannot be detected
 - Place near the equipment to generate heat
 - Place affected by outside air in opening/closing the door
 - Place exposed to direct sunlight or wind from air-conditioner
 - Where the difference between wall and room temperature is large
- (4) When you are using the automatic grille up and down panel in the IU, you may not be able to confirm the up and down motion.
 - Where the IU cannot be visually confirmed

R/C cable:0.3mm²x2 cores

When the cable length is longer than 100 m, the max size for wires used in the R/C case is 0.5 mm². Connect them to wires of larger size near the outside of R/C. When wires are connected, take measures to prevent water, etc. from entering inside.

≦ 200 m	0.5 mm ² x 2 cores
≦ 300m	0.75 mm ² x 2 cores
≦ 400m	1.25 mm ² x 2 cores
≦ 600m	2.0 mm ² x 2 cores

• When installing the unit at a hospital, telecommunication facility, etc., take measures to suppress electric noises.

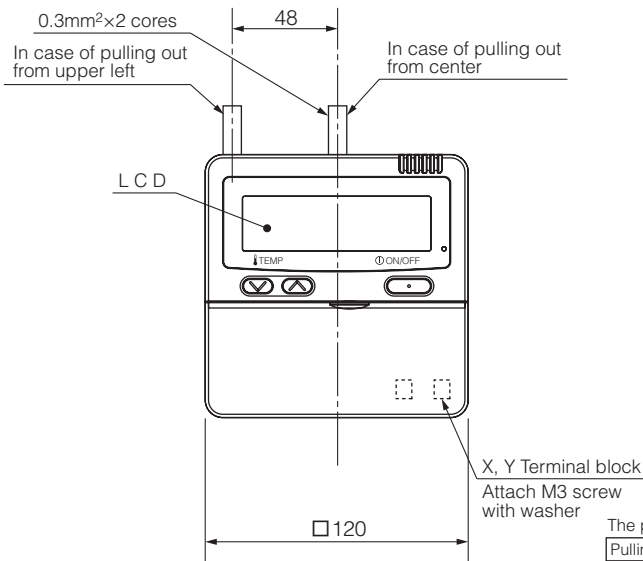
It could cause malfunction or break-down due to hazardous effects on the inverter, private power generator, high frequency medical equipment, radio communication equipment, etc. The influences transmitted from the remote control to medical or communication equipment could disrupt medical activities, video broadcasting or cause noise interference.

Adapted RoHS directive

PJZ000Z333

Model RC-E5

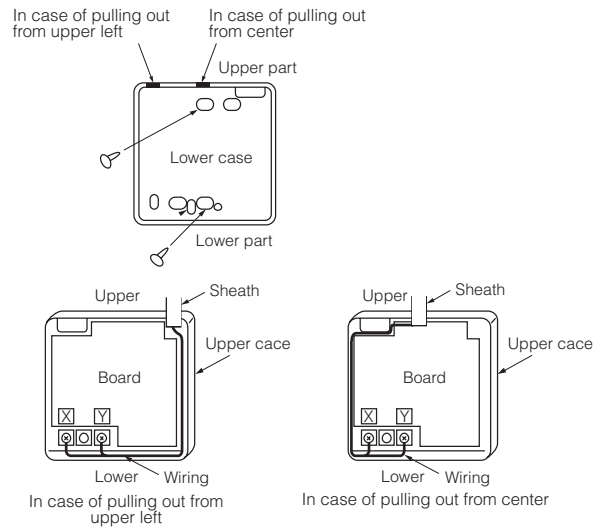
Exposed mounting



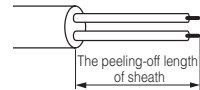
Exterior appearance (Munsell color)	Pearl white (N8.5) near equivalent
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Wiring outlet

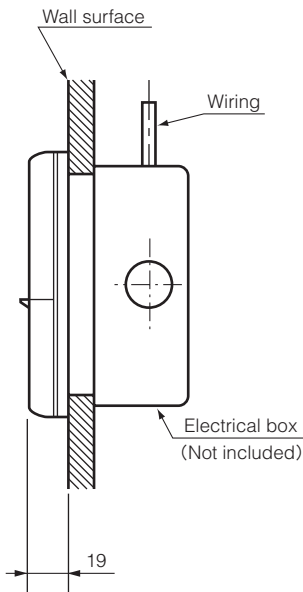
Cut off the upper thin part of remote control lower case with a nipper or knife, and grind burrs with a file etc.



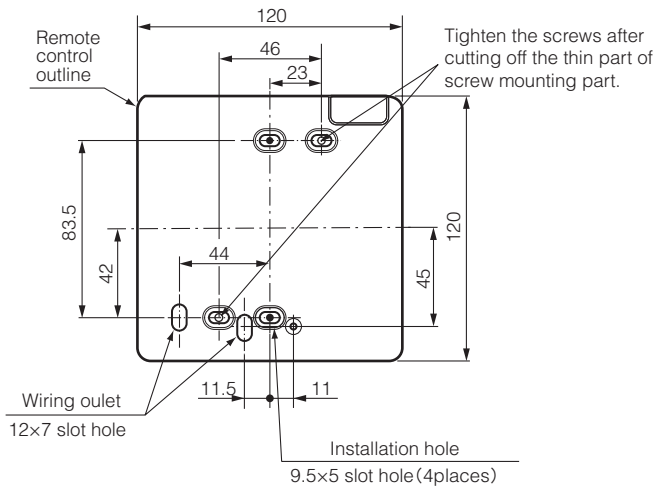
The peeling-off length of sheath	
Pulling out from upper left	Pulling out from center
X wiring : 215mm	X wiring : 170mm
Y wiring : 195mm	Y wiring : 190mm



Embedded mounting



Remote control installation dimensions



(1) Installation screw for remote control
M4 screw (2 pieces)

Unit:mm

Wiring specifications

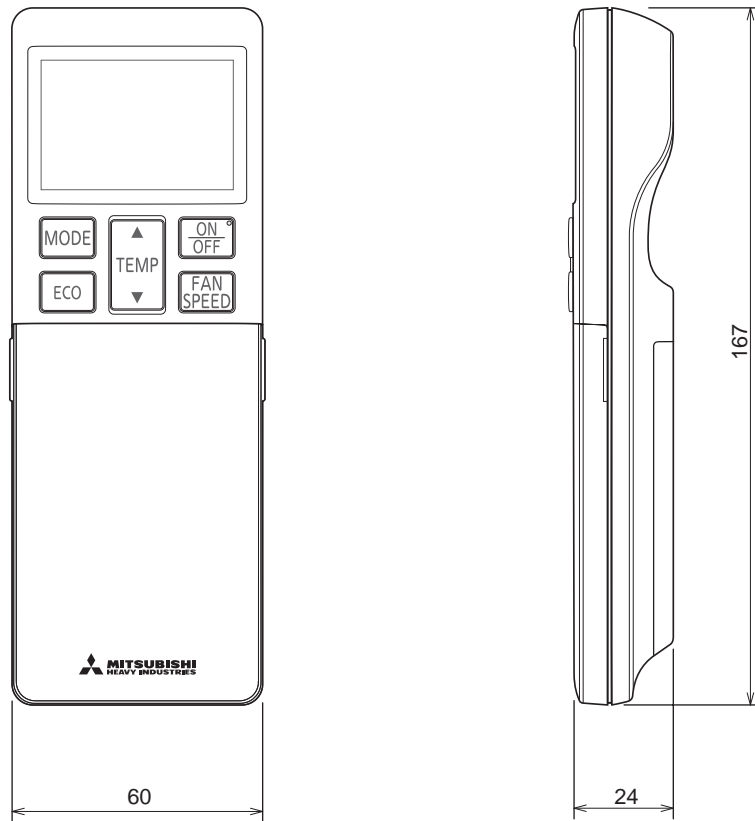
(1) If the prolongation is over 100m, change to the size below.
But, wiring in the remote control case should be under 0.5mm². Change the wire size outside of the case according to wire connecting. Waterproof treatment is necessary at the wire connecting section. Be careful about contact failure.

Length	Wiring thickness
100 to 200m	0.5mm²x2 cores
Under 300m	0.75mm²x2 cores
Under 400m	1.25mm²x2 cores
Under 600m	2.0mm²x2 cores

PJZ000Z295

(b) Wireless remote control (RCN-E2)

Unit: mm



3. ELECTRICAL WIRING

(1) Ceiling cassette-4 way type (FDT)

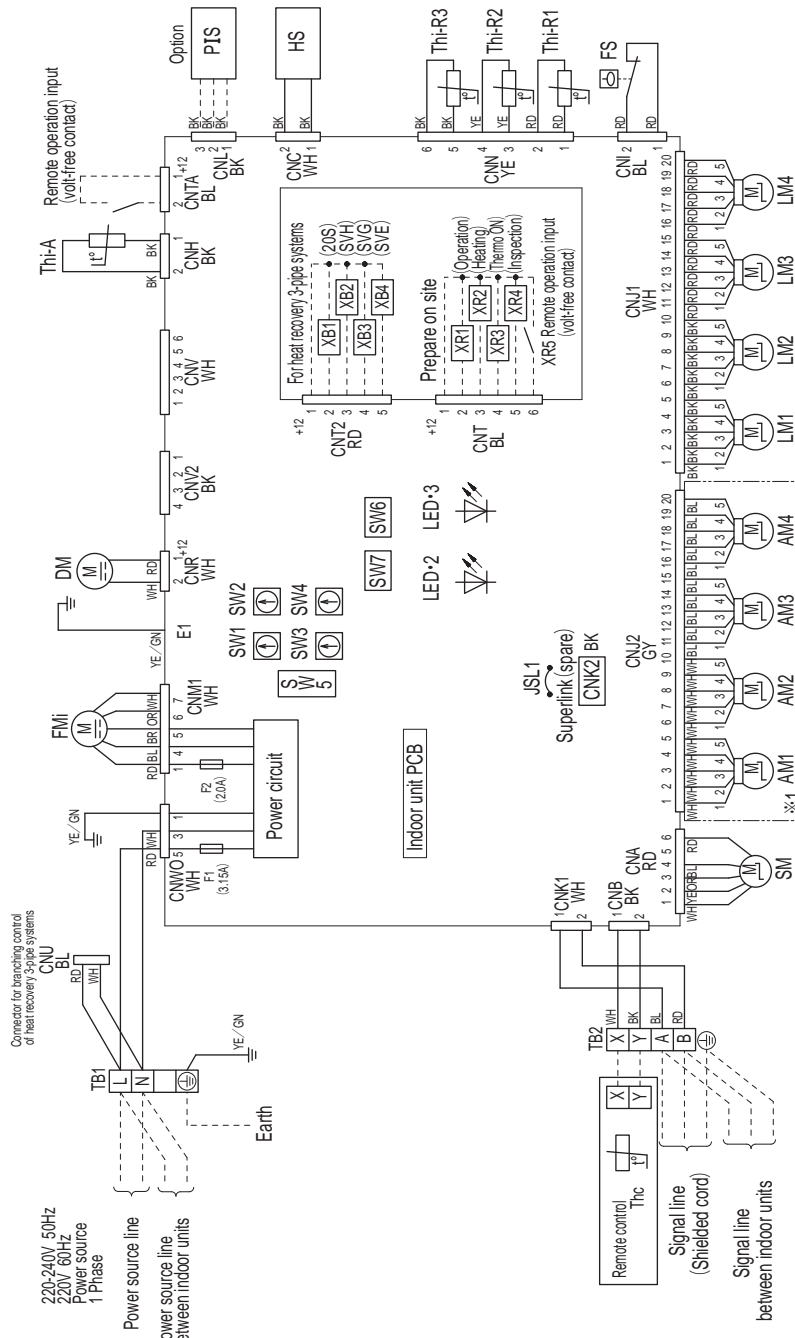
All models

Meaning of marks

Mark	Parts name
AM1-4	Air flex motor
CNA-Z	Connector
DM	Drain motor
F1,2	Fuse
FMI	Fan motor
FS	Float switch
HS	Humidity sensor
JSL1	Line Superlink terminal setting (For spare)
LED-2	Indication lamp (Green/Normal operation)
LED-3	Indication lamp (Red/Inspection)
LM1-4	Louver motor
PIS	Motion sensor
SM	Sleeping motor (For electronic expansion valve)
SW1	Indoor unit address:ens place
SW2	Indoor unit address:ones place
SW3	Outdoor unit address:ens place
SW4	Outdoor unit address:ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address:hundreds place
SW6	Model capacity setting
SW7-1	Operation check drain motor test run
TB1	Terminal block (Power source)
TB2	Terminal block (Signal line)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
BR	Brown	GY	Gray
OR	Orange	YE/GN	Yellow/Green
RD	Red		



Notes

1. --- indicates wiring on site.
2. Use twin core shielded cord (0.75-1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm²) at remote control line.
- See spec sheet of remote control in case that the total length is more than 100m.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) is provided on the panel T-PSAE-5AW-E only.

PJF000Z421

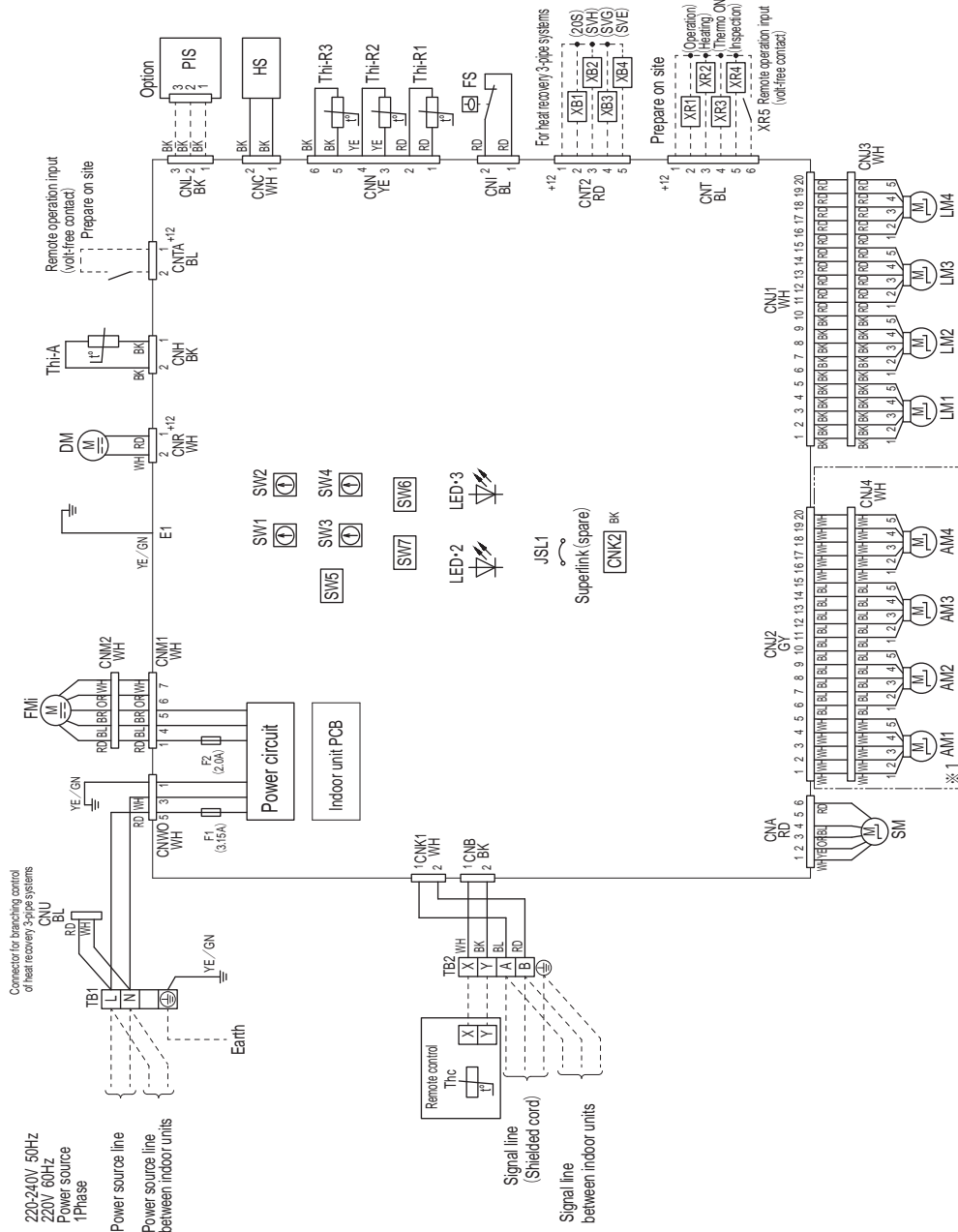
(2) Ceiling cassette-4 way compact type (FDTC)
All models

Meaning of marks

Item	Description
AM1-4	Draft prevention function motor
CNA-Z	Connector
DM	Drain motor
F1,2	Fuse
FMI	Fan motor
FS	Float switch
HS	Humidity sensor
JSL1	Spare Superlink connector change
LED-2	Indication lamp (Green-Normal operation)
LED-3	Indication lamp (Red-Inspection)
LM1-4	Lower motor
PIS	Motion sensor
SM	Stepping motor (For electronic expansion valve)
SW1	Indoor unit address: tens place
SW2	Indoor unit address: ones place
SW3	Outdoor unit address: tens place
SW4	Outdoor unit address: ones place
SW5-1	Automatic adjustment / Fixed previous version of Superlink protocol
SW5-2	Indoor unit address: hundreds place
SW6, SW7-2	Model capacity setting
SW7-1	Operation check, drain motor test run
TB1	Terminal block (Power source) (□mark)
TB2	Terminal block (Signal line) (□mark)
Thc	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)

Color marks

Mark	Color	Mark	Color
BK	Black	WH	White
BL	Blue	YE	Yellow
BR	Brown	GY	Gray
OR	Orange	YE/GN	Yellow/Green
RD	Red		



Notes

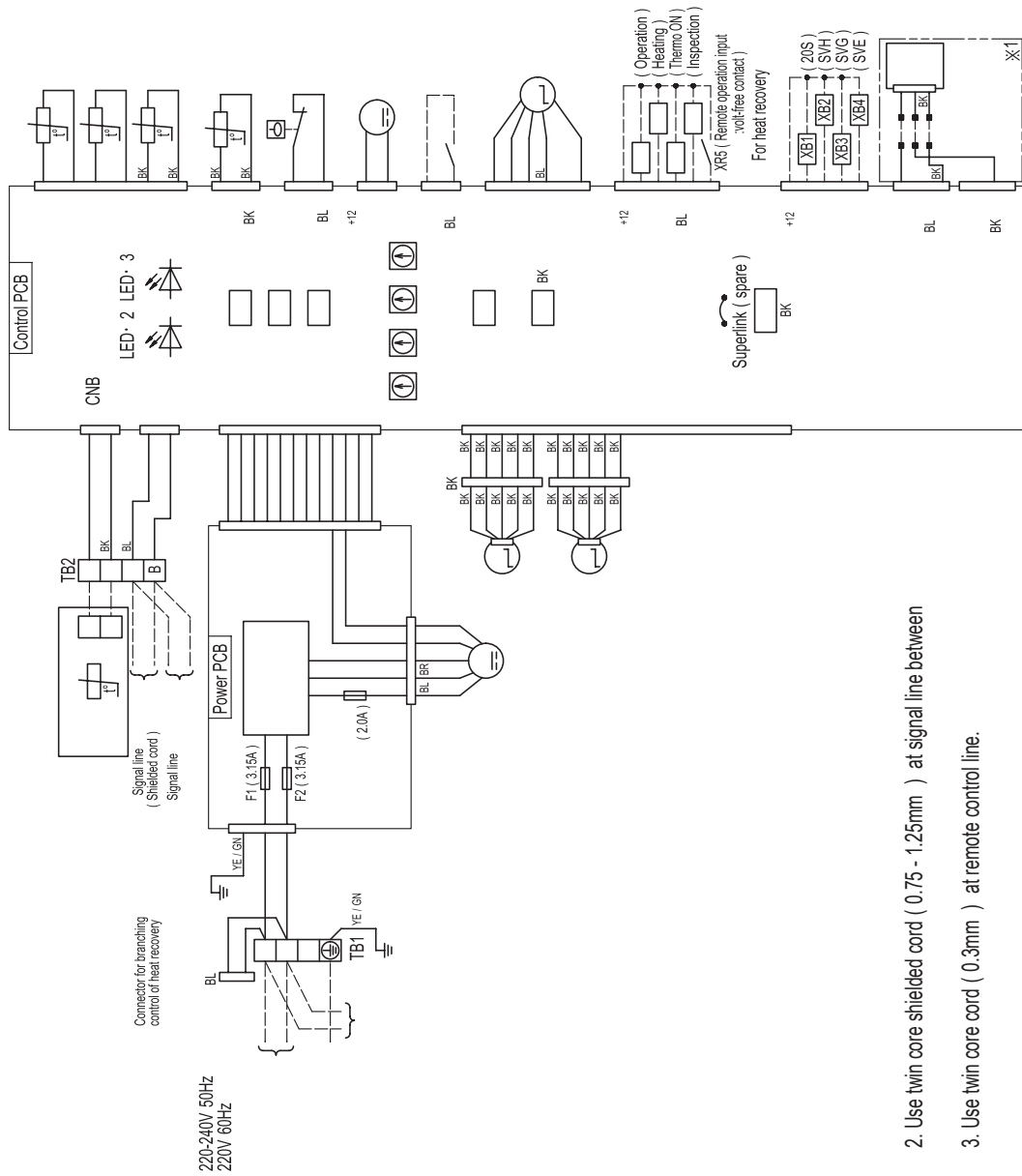
- 1: --- indicates wiring on site.
- 2: Use twin core shielded cord (0.75-1.25mm²) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
- 3: Use twin core cord (0.3mm²) at remote control line.
- 4: See spec sheet of remote control in case that the total length is more than 100m. Do not put signal line and remote control line alongside power source line.
- 5: Draft prevention function (※ 1) is provided on the panel TC-PSAE-5AW-E only.

PJF000Z504

(4) Ceiling cassette-1 way type (FDTs)
Models FDTs45KXE6F, 71KXE6F

LED・2	Spare Superlink connector change (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection) Lower motor
	Stepping motor (for electronic expansion valve)
	Indoor unit address:tens place
	Indoor unit address:ones place
	Outdoor unit address:tens place
	Outdoor unit address:ones place
	Automatic adjustment / Fixed previous version of Superlink protocol
	Indoor unit address:hundreds place
	Model capacity setting
	Operation check, Drain motor test run
TB1	Terminal block (Power source) (□ mark)
TB2	Terminal block (Signal line) (□ mark)
	Temperature sensor (Remote control)
	Temperature sensor (Return air)
	Temperature sensor (Heat exchanger)
■mark	

Mark	Mark
BK	Black
BL	Blue
BR	Brown
	Orange
	YE / GN
	Yellow / Green



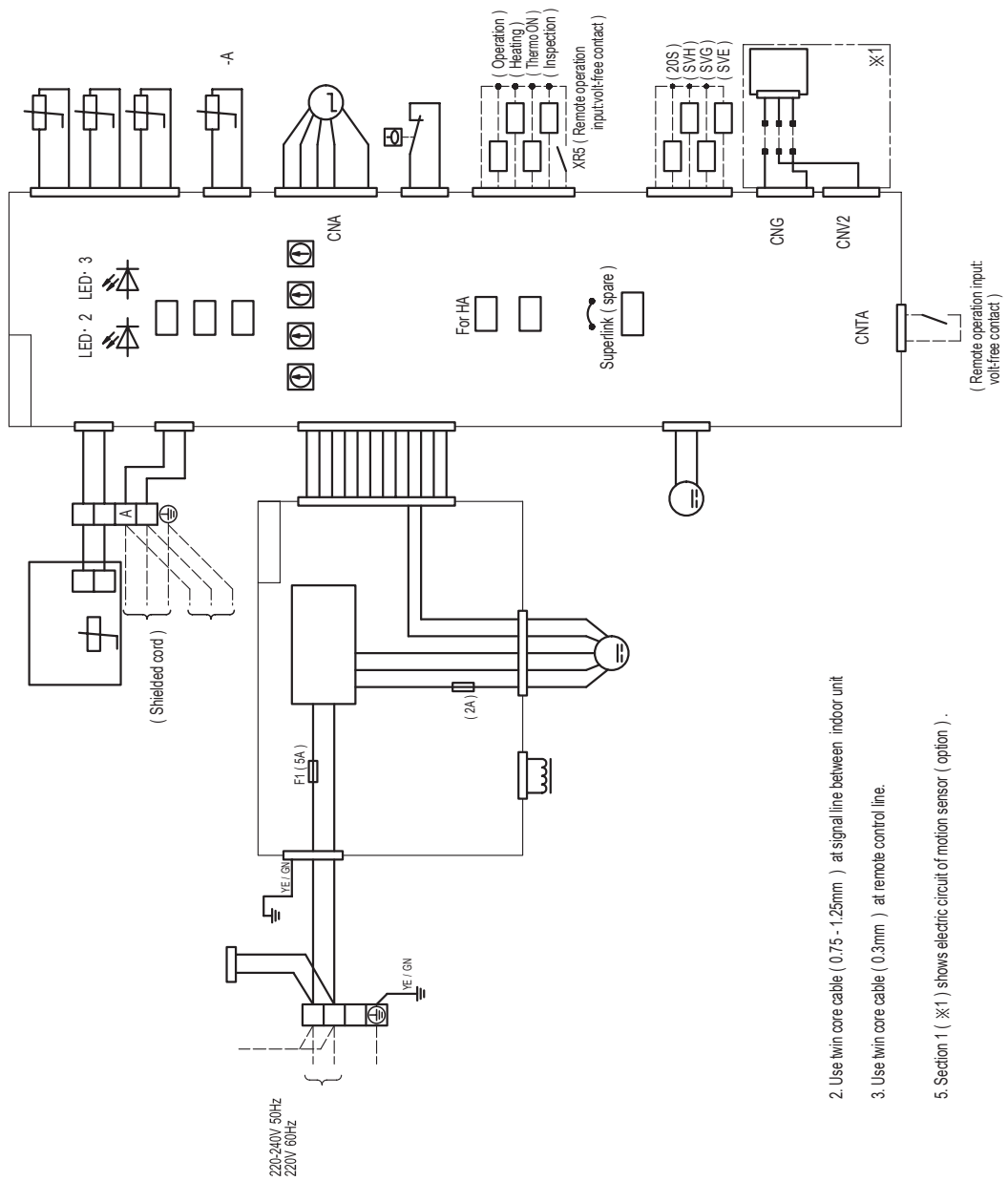
2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between
3. Use twin core cord (0.3mm) at remote control line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJC001Z434

(5) Duct connected-High static pressure type (FDU)
 Models FDU45KXE6F, 56KXE6F

CNA-Z	
LED- 2	Indication lamp (Green-Normal operation)
LED- 3	Indication lamp (Red-Inspection)
	(For electronic expansion valve)
	Indoor unit address : tens place
	Indoor unit address : ones place
	Outdoor unit address : tens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed
	Indoor unit address : hundreds place
	Terminal block (Power source) (mark)
	Terminal block (Signal line) (mark)
	(Remote control)
	(Return air)
	(Heat exchanger)
-A	
mark	

	YE / GN Yellow / Green



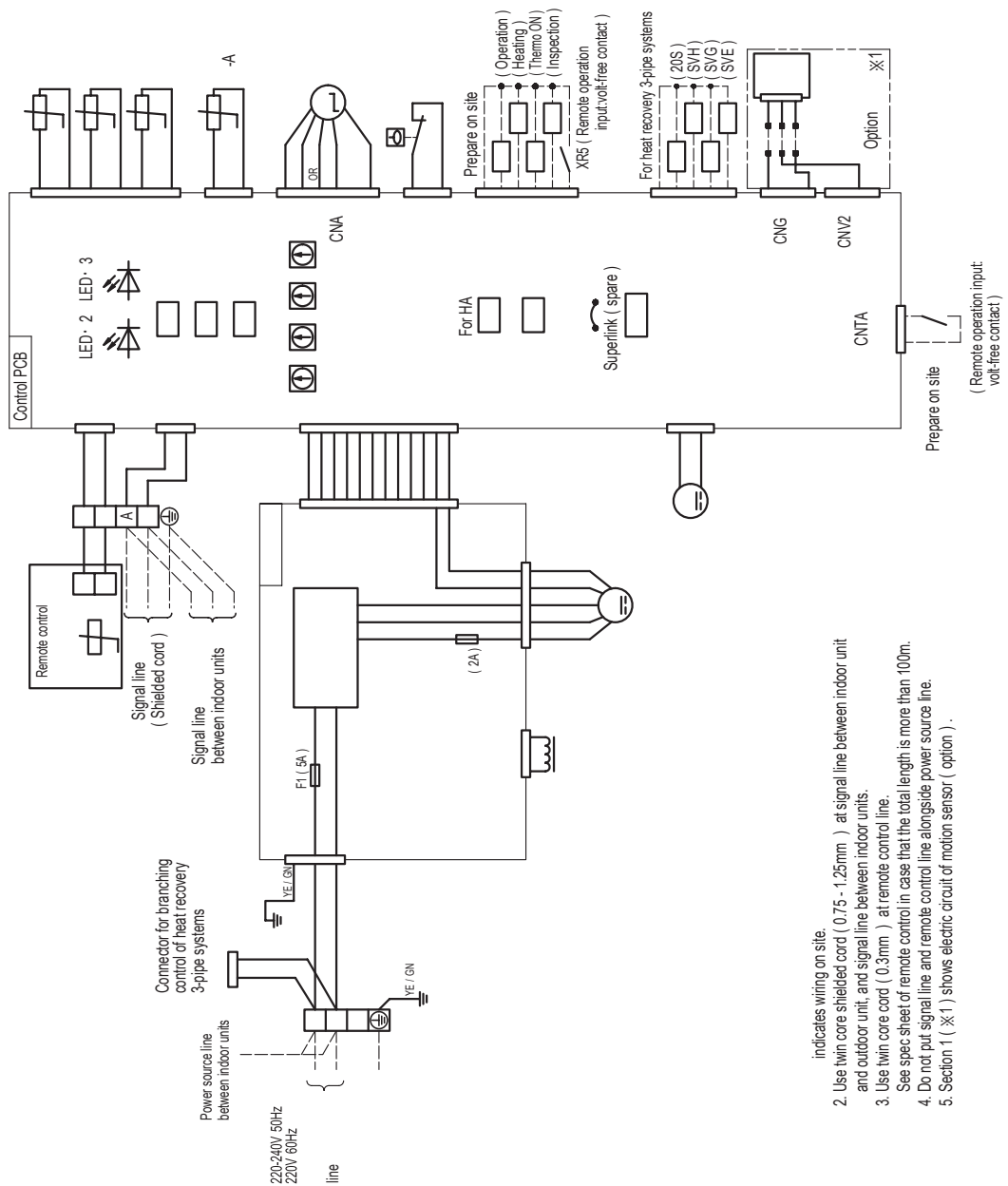
2. Use twin core cable (0.75 - 1.25mm) at signal line between indoor unit
3. Use twin core cable (0.3mm) at remote control line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z539

Models FDU71KXE6F, 90KXE6F

Meaning of marks	Description
CNA-Z	Connector
F14	Drain motor
	Fan motor
	Spare Superlink connector change
LED・2	Indication lamp (Green-Normal operation)
LED・3	Indication lamp (Red-Inspection)
	Motion sensor
	Stepping motor
	(For electronic expansion valve)
	Indoor unit address : tens place
	Indoor unit address : ones place
	Outdoor unit address : tens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed
	previous version of Superlink protocol
	Indoor unit address : hundreds place
	Model capacity setting
	Operation check, Drain motor test run
	Terminal block (Power source) (-mark)
	Terminal block (Signal line) (-mark)
	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

OR	Orange	YE / GN / Yellow / Green



- indicates wiring on site.
2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
 3. Use twin core cord (0.3mm) at remote control line.
 - See spec sheet of remote control in case that the total length is more than 100m.
 4. Do not put signal line and remote control line alongside power source line.
 5. Section 1 (※1) shows electric circuit of motion sensor (option) .

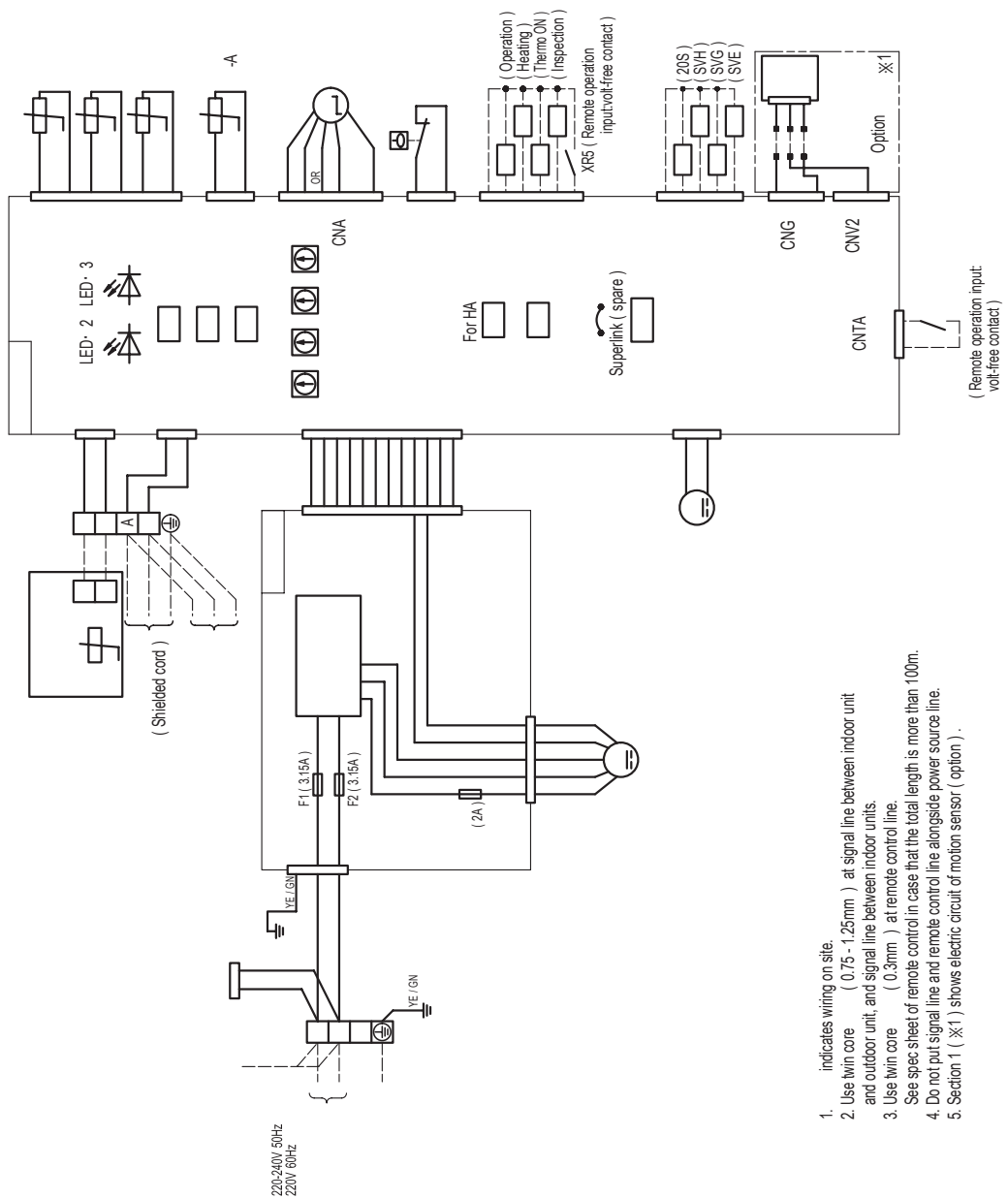
PJG000Z540

(6) Duct connected Low/Middle static pressure type (FDUM)

Models FDUM22KXE6F, 28KXE6F, 36KXE6F, 45KXE6F, 56KXE6F

CNA-Z	
LED·2	Indication lamp (Green/Normal operation)
LED·3	Indication lamp (Red/Inspection)
	(For electronic expansion valve)
	Indoor unit address : tens place
	Indoor unit address : ones place
	Outdoor unit address : tens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed
	Indoor unit address : hundreds place
	Operation check, Drain motor test run
	Terminal block (Power source) (□mark)
	Terminal block (Signal line) (□mark)
	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
Thi-R1,2,3	Temperature sensor (Heat exchanger)
■mark	

OR	Orange	YE / GN	Yellow / Green



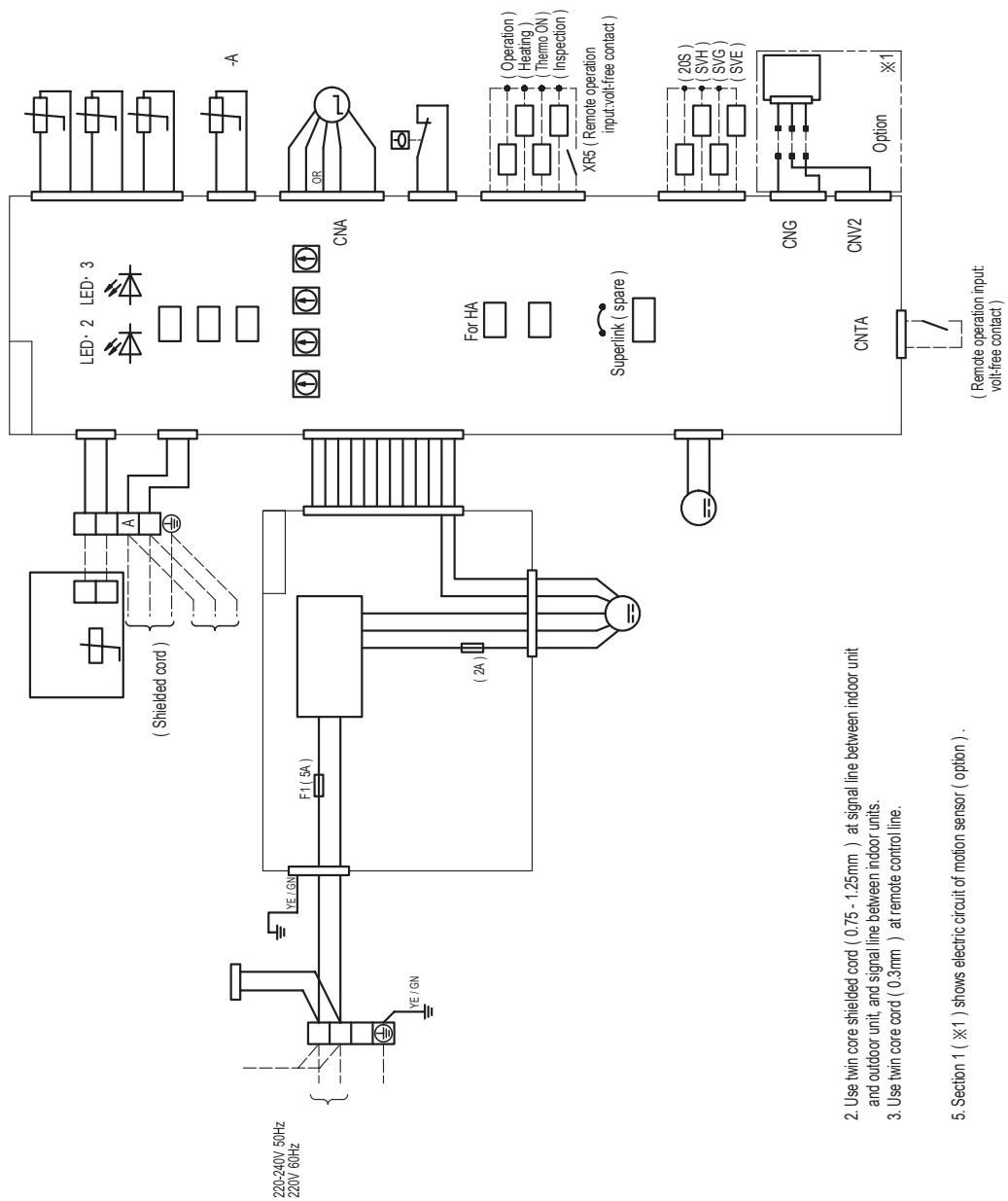
1. indicates wiring on site.
2. Use twin core (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core (0.3mm) at remote control line.
4. Do not put signal line and remote control line alongside power source line.
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z526

Models FDUM71KXE6F, 90KXE6F

CNA-Z	
F1,4	
LED- 2	Indication lamp (Green-Normal operation)
LED- 3	Indication lamp (Red-Inspection)
	(For electronic expansion valve)
	Indoor unit address : tens place
	Indoor unit address : ones place
	Outdoor unit address : tens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed
	Indoor unit address : hundreds place
	Operation check, Drain motor test run
	Terminal block (Power source) (□mark)
	Terminal block (Signal line) (◻mark)
	Temperature sensor (Remote control)
Th-A	Temperature sensor (Return air)
Th-R1,2,3	Temperature sensor (Heat exchanger)
■mark	

OR	Orange	YE / GN	Yellow / Green



2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
3. Use twin core cord (0.3mm) at remote control line.

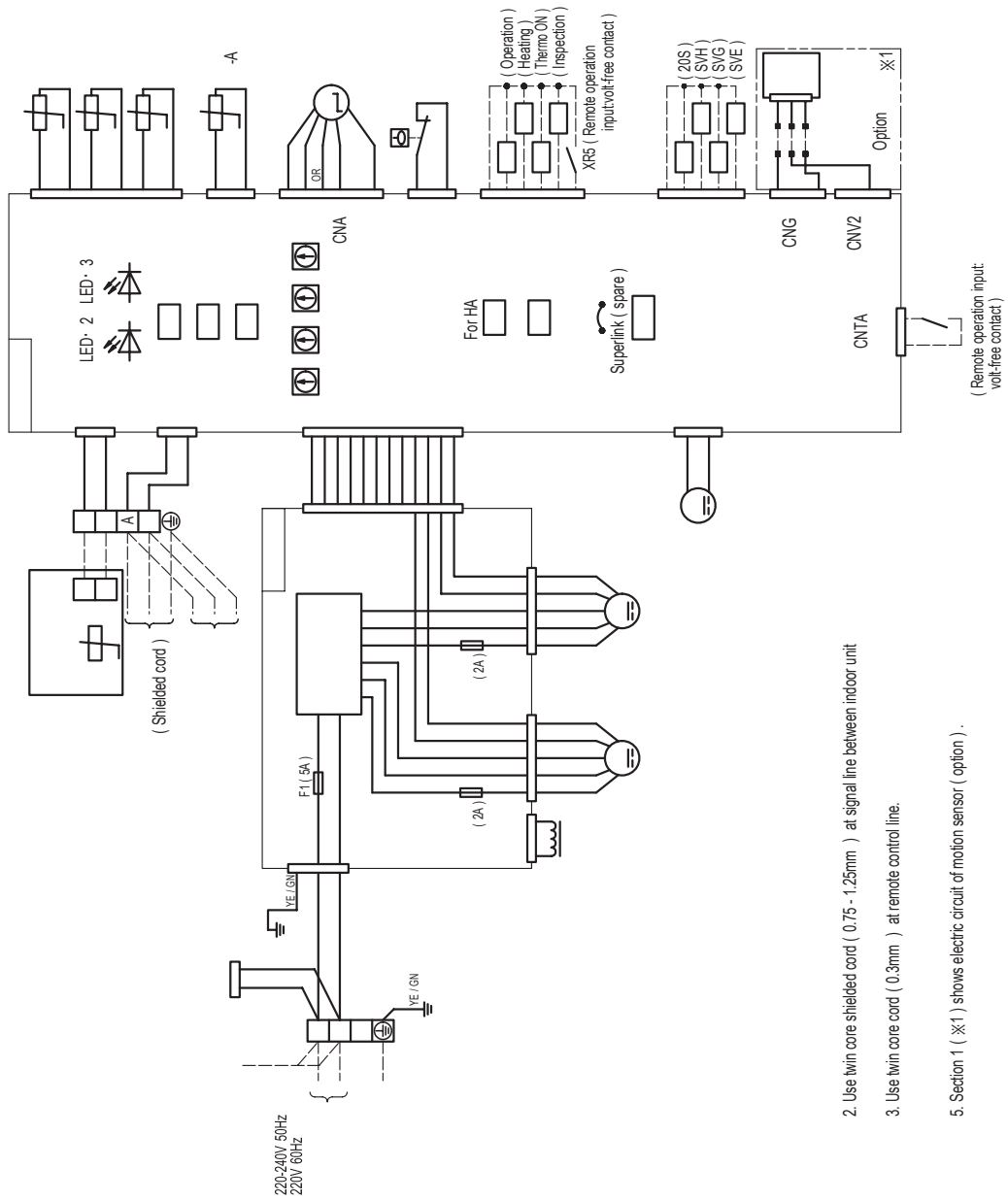
5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z527

Models FDUM112KXE6F, 140KXE6F, 160KXE6F

CNA-Z	
LED· 2	Indication lamp (Green-Normal operation)
LED· 3	Indication lamp (Red-Inspection)
	(For electronic expansion valve)
	Indoor unit address : lens place
	Indoor unit address : ones place
	Outdoor unit address : lens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed
	Indoor unit address : hundreds place
	Operation check, Drain motor test run
	Terminal block (Power source) (:mark)
	Terminal block (Signal line) (:mark)
	Temperature sensor (Remote control)
Thi-A	Temperature sensor (Return air)
	Temperature sensor (Heat exchanger)

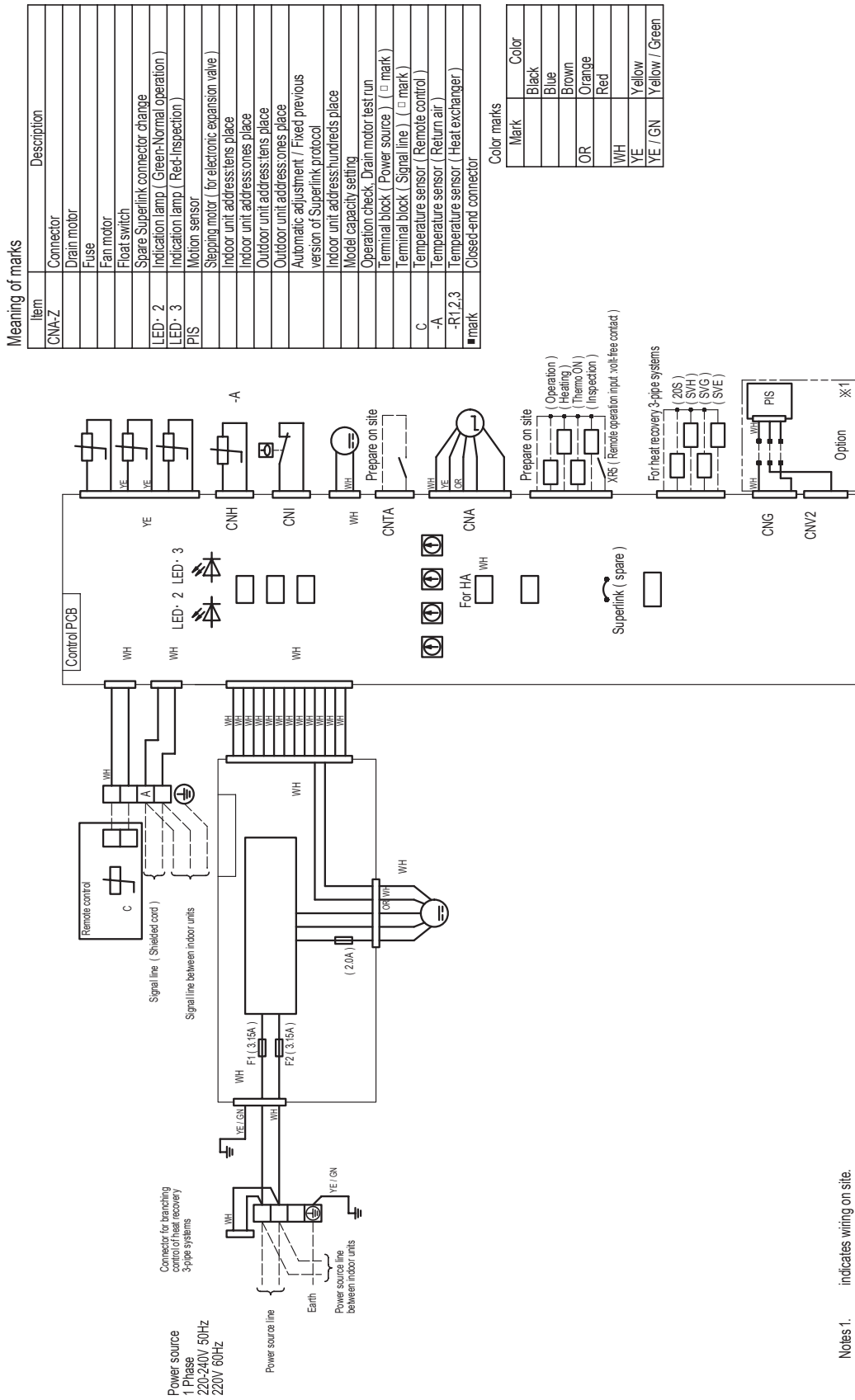
OR	Orange	YE / GN	Yellow / Green



2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit
3. Use twin core cord (0.3mm) at remote control line.
5. Section 1 (×1) shows electric circuit of motion sensor (option) .

PJG000Z528

(7) Duct connected (thin) -Low static pressure type (FDUT)
 Model FDUT71KXE6F-E



Meaning of marks

Item	Description
CNA-Z	Connector
	Drain motor
	Fuse
	Fan motor
	Float switch
	Spare Superlink connector change
LED-2	Indication lamp (Green-Normal operation)
LED-3	Indication lamp (Red-Inspection)
PI5	Motion sensor
	Stepping motor (for electronic expansion valve)
	Indoor unit address:ens place
	Outdoor unit address:ens place
	Outdoor unit address:ens place
	Automatic adjustment / Fixed previous version of Superlink protocol
	Indoor unit address:hundreds place
	Model capacity setting
	Operation check / Drain motor test run
	Terminal block (Power source) (□ mark)
	Terminal block (Signal line) (□ mark)
C	Temperature sensor (Remote control)
-A	Temperature sensor (Return air)
-R1,2,3	Temperature sensor (Heat exchanger)
■ mark	Closed-end connector

Color marks

Mark	Color
	Black
	Blue
	Brown
OR	Orange
	Red
WH	Yellow
YE / GN	Yellow / Green

- Notes 1. indicates wiring on site.
 2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
 3. Use twin core cord (0.3mm) at remote control line.
 See spec sheet of remote control in case that the total length is more than 100m.
 4. Do not put signal line and remote control line alongside power source line.
 5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJH000Z023

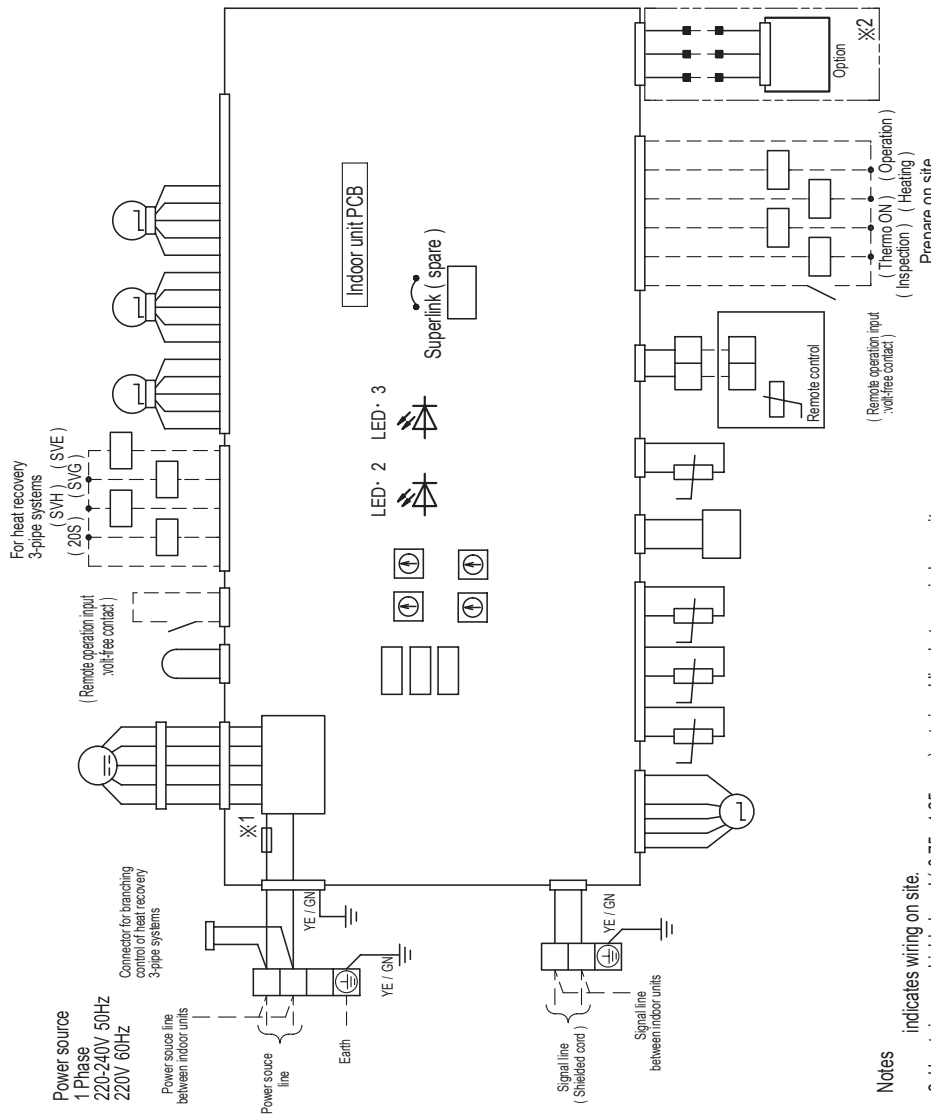
(8) Wall mounted type (FDK)
All models

Meaning of marks

Item	Description
Connector	Connector
Fuse	Fuse
Fan motor	Fan motor
Humidity sensor	Humidity sensor
Spare Superlink connector change	Spare Superlink connector change
LED · 2	Indication lamp (Green-Normal operation)
LED · 3	Indication lamp (Red-Inspection)
Flap motor	Flap motor
Louver motor (Left)	Louver motor (Left)
Louver motor (Right)	Louver motor (Right)
Motion sensor	Motion sensor
Stepping motor (For electronic expansion valve)	Stepping motor (For electronic expansion valve)
Indoor unit address:tens place	Indoor unit address:tens place
Indoor unit address:ones place	Indoor unit address:ones place
Outdoor unit address:tens place	Outdoor unit address:tens place
Outdoor unit address:ones place	Outdoor unit address:ones place
Automatic adjustment / Fixed previous version of Superlink protocol	Automatic adjustment / Fixed previous version of Superlink protocol
Indoor unit address:hundreds place	Indoor unit address:hundreds place
Model capacity setting	Model capacity setting
Operation check	Operation check
Terminal block (Power source) (□ mark)	Terminal block (Power source) (□ mark)
Terminal block (Signal line) (□ mark)	Terminal block (Signal line) (□ mark)
Temperature sensor (Remote control)	Temperature sensor (Remote control)
Temperature sensor (Return air)	Temperature sensor (Return air)
Temperature sensor (Heat exchanger)	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

Color marks

Mark	Color	Mark	Color
Black	Black	Red	Red
Blue	Blue	Yellow	Yellow
Brown	Brown	YE / GN	Yellow / Green
Orange	Orange		
Pink	Pink		

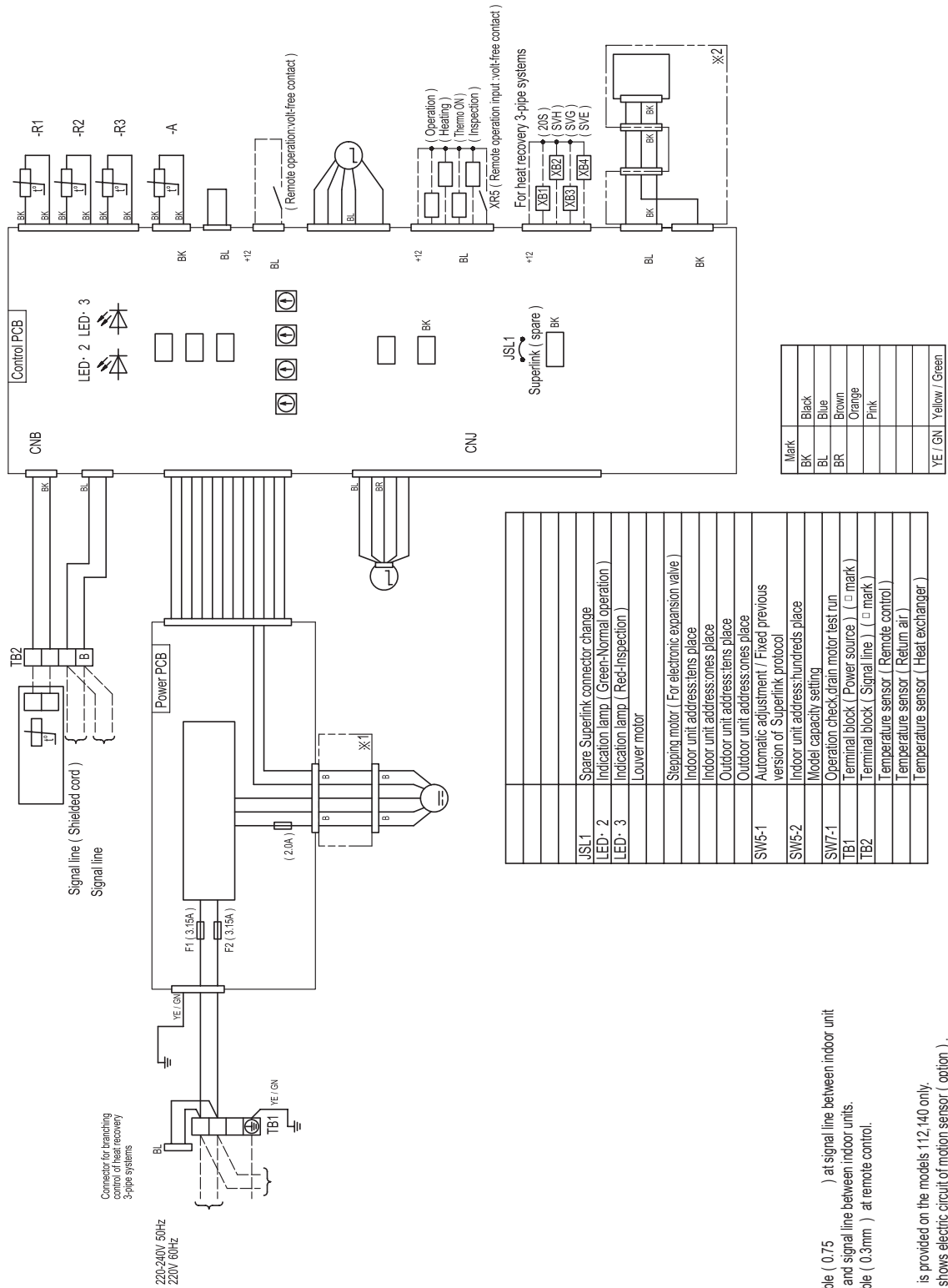


Notes

- 1. Indicates wiring on site.
- 2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
- 3. Use twin core cord (0.3mm) at remote control line.
See spec sheet of remote control in case that the total length is more than 100m.
- 4. Do not put signal line and remote control line alongside power source line.
Fuse (F1) (※1) is 3.15A in case of FDK15 ~ 56, and 5A in case of FDK71,90.
Section 1 (※2) shows electric circuit of motion sensor (option) .

PHA001Z142

(9) Ceiling suspended type (FDE)
All models



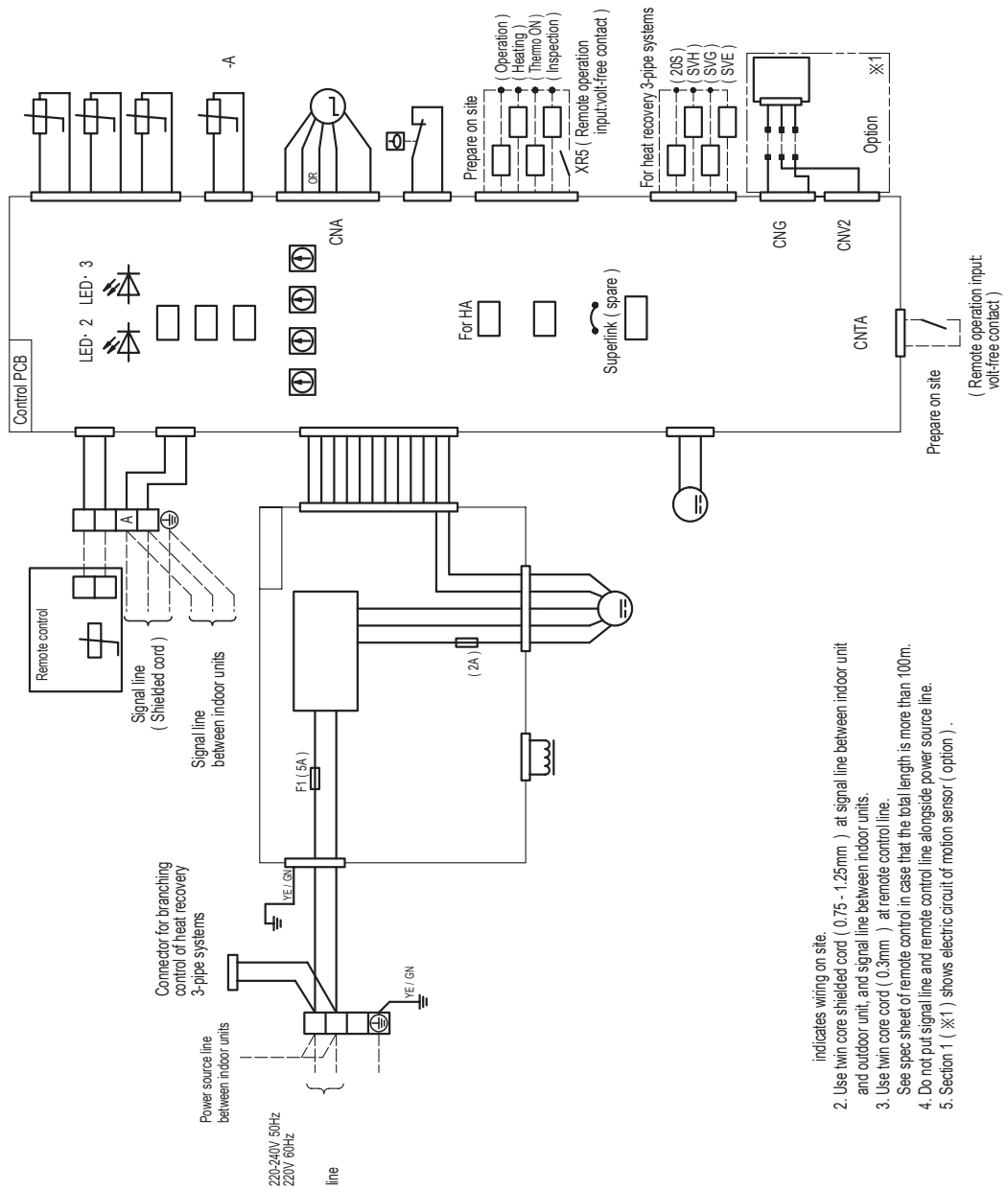
- Use twin core cable (0.75) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
- Use twin core cable (0.3mm) at remote control.
- Section 1 (※1) is provided on the models 112,140 only.
- Section 2 (※2) shows electric circuit of motion sensor (option) .

PFA004Z096

(10) Outdoor air processing unit (FDU-F)
Model FDU650FKXZE1

Meaning of marks	Description
CNA-Z	Connector
F1,4	Drain motor
	Fan motor
	Spare Superlink connector change
LED- 2	Indication lamp (Green-Normal operation)
LED- 3	Indication lamp (Red-Inspection)
	Motion sensor
	Sleeping motor (For electronic expansion valve)
	Indoor unit address : tens place
	Indoor unit address : ones place
	Outdoor unit address : tens place
	Outdoor unit address : ones place
	Automatic adjustment / Fixed previous version of Superlink protocol
	Indoor unit address : hundreds place
	Model capacity setting
	Operation check, Drain motor test run
	Terminal block (Power source) (□mark)
	Terminal block (Signal line) (□mark)
	Temperature sensor (Remote control)
-A	Temperature sensor (Return air)
-R1,2,3	Temperature sensor (Heat exchanger)
■mark	Closed-end connector

OR	Orange	YE / GN | Yellow / Green



- indicates wiring on site.
- 2. Use twin core shielded cord (0.75 - 1.25mm) at signal line between indoor unit and outdoor unit, and signal line between indoor units.
- 3. Use twin core cord (0.3mm) at remote control line.
- See spec sheet of remote control in case that the total length is more than 100m.
- 4. Do not put signal line and remote control line alongside power source line.
- 5. Section 1 (※1) shows electric circuit of motion sensor (option) .

PJG000Z563

4. NOISE LEVEL

Note (1) The data are based on the following conditions.

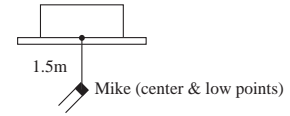
Ambient air temperature: Indoor unit 27°C DB, 19°C WB. Outdoor unit 35°C DB

(2) The data in the chart are measured in an anechoic room.

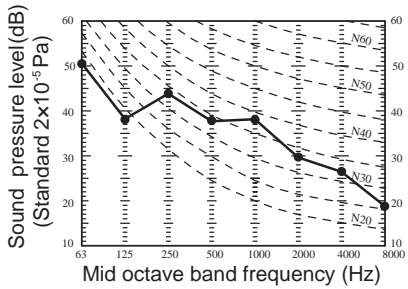
(3) The noise levels measured in the field are usually higher than the data because of reflection.

(1) Ceiling cassette-4 way (FDT)

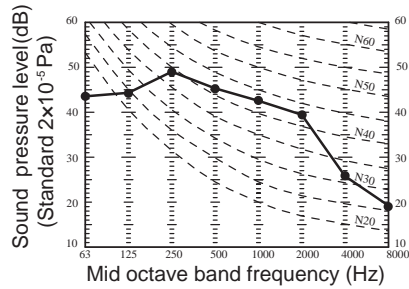
Measured based on JIS B 8616
Mike position as right



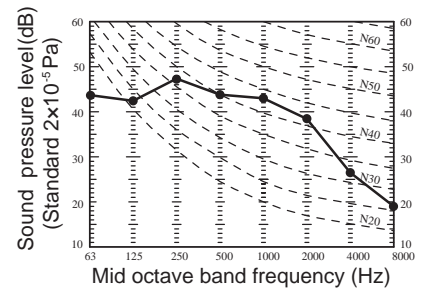
FDT28,36,45KXZE1
Noise level 38dB(A) at P-Hi



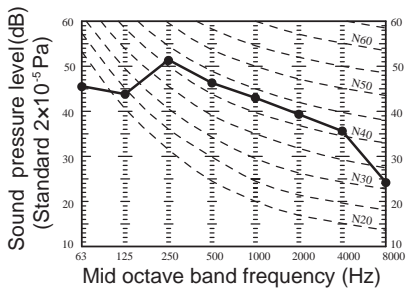
FDT56KXZE1
Noise level 44dB(A) at P-Hi



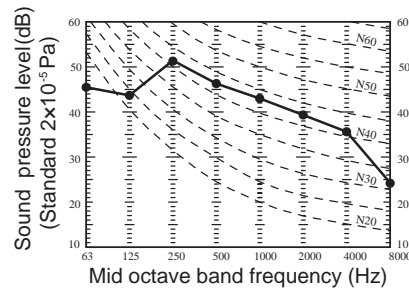
FDT71KXZE1
Noise level 47dB(A) at P-Hi



FDT90KXZE1
Noise level 49dB(A) at P-Hi



FDT112,140,160KXZE1
Noise level 49dB(A) at P-Hi



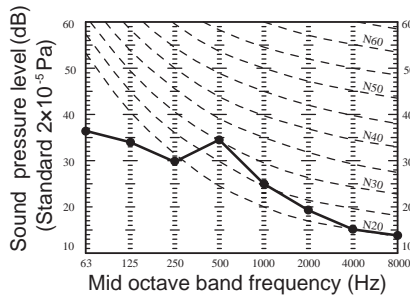
(2) Ceiling cassette-4 way compact type (FDTC)



Measured based on JIS B 8616
Mike position as right

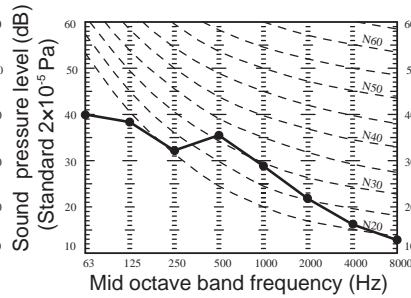
FDTC15KXZE1

Noise level 33dB(A) at P-Hi



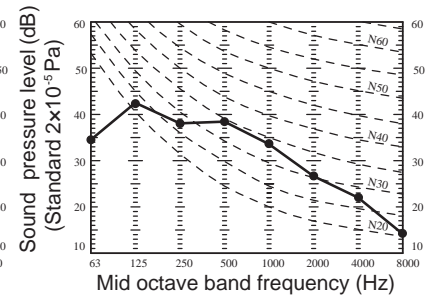
FDTC22,28KXZE1

Noise level 35dB(A) at P-Hi



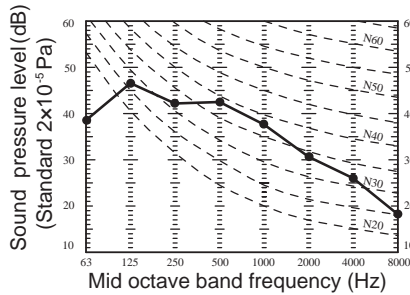
FDTC36KXZE1

Noise level 39dB(A) at P-Hi



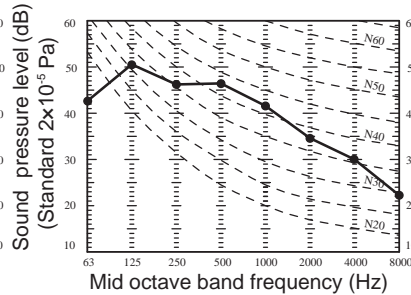
FDTC45KXZE1

Noise level 43dB(A) at P-Hi



FDTC56KXZE1

Noise level 47dB(A) at P-Hi



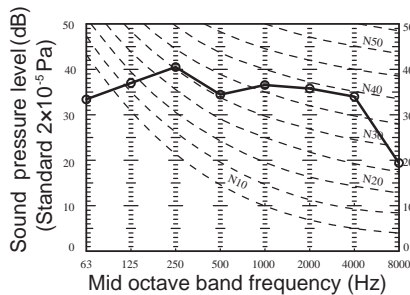
(3) Ceiling cassette-2 way type (FDTW)



Measured based on JIS B 8616
Mike position as right

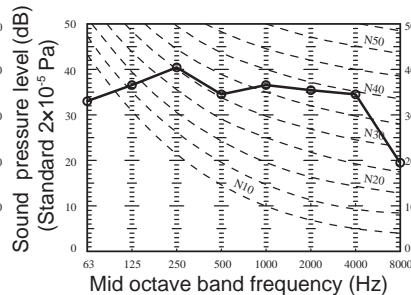
FDTW28, 45, 56KXE6F

Noise level 42 dB (A) at P-HIGH
38 dB (A) at HIGH
34 dB (A) at MEDIUM
31 dB (A) at LOW



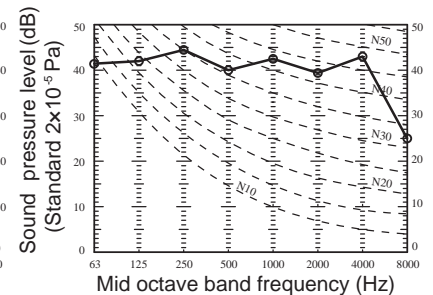
FDTW71KXE6F

Noise level 42 dB (A) at P-HIGH
38 dB (A) at HIGH
34 dB (A) at MEDIUM
31 dB (A) at LOW



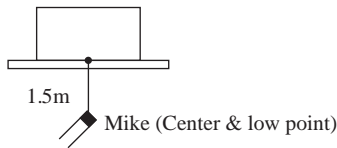
FDTW90,112,140KXE6F

Noise level 48 dB (A) at P-HIGH
45 dB (A) at HIGH
41 dB (A) at MEDIUM
37 dB (A) at LOW



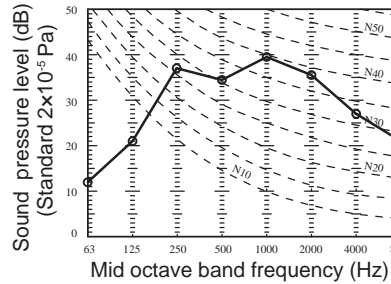
(4) Ceiling cassette-1 way type (FDTS)

Measured based on JIS B 8616
Mike position as below



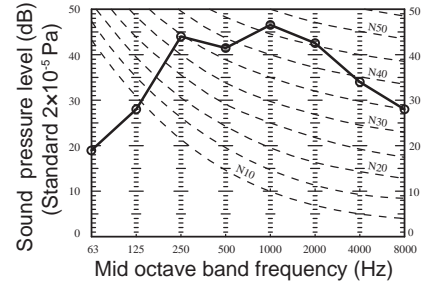
FDTS45KXE6F

Noise level 42 dB (A) at P-HIGH
40 dB (A) at HIGH
38 dB (A) at MEDIUM
35 dB (A) at LOW



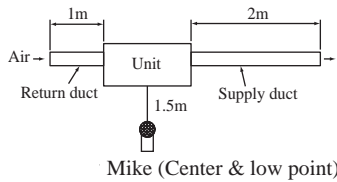
FDTS71KXE6F

Noise level 49 dB (A) at P-HIGH
46 dB (A) at HIGH
41 dB (A) at MEDIUM
36 dB (A) at LOW



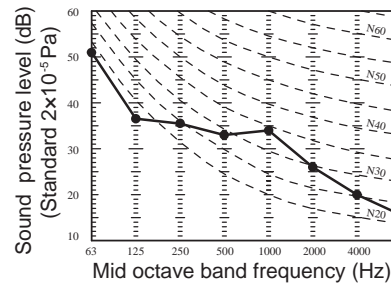
(5) Duct connected-High static pressure type (FDU)

Measured based on JIS B 8616
Mike position as below



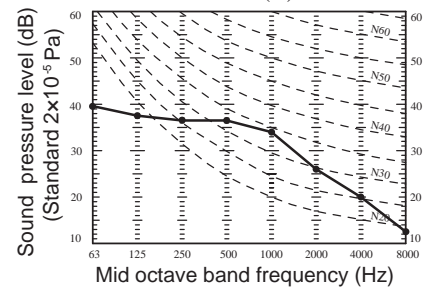
FDU45,56KXE6F

Noise level 37 dB (A) at P-HIGH
32 dB (A) at HIGH
29 dB (A) at MEDIUM
26 dB (A) at LOW



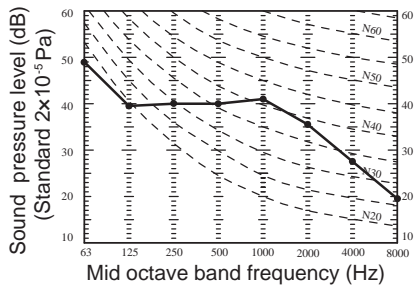
FDU71,90KXE6F

Noise level 38 dB (A) at P-HIGH
33 dB (A) at HIGH
29 dB (A) at MEDIUM
25 dB (A) at LOW



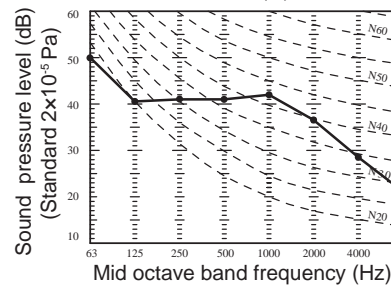
FDU112KXE6F

Noise level 44 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
30 dB (A) at LOW



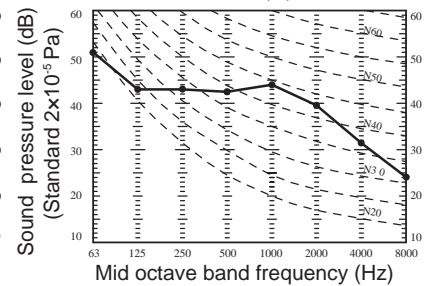
FDU140KXE6F

Noise level 45 dB (A) at P-HIGH
40 dB (A) at HIGH
34 dB (A) at MEDIUM
29 dB (A) at LOW



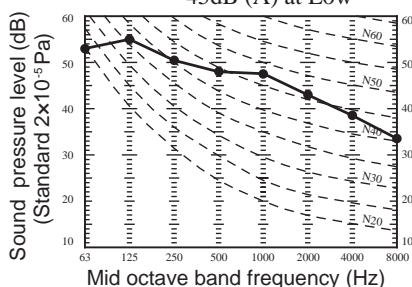
FDU160KXE6F

Noise level 47 dB (A) at P-HIGH
40 dB (A) at HIGH
35 dB (A) at MEDIUM
30 dB (A) at LOW



FDU224, 280KXZE1

Noise level 52dB (A) at P-High
50dB (A) at High
47dB (A) at Medium
45dB (A) at Low



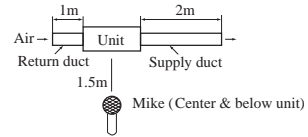
Power level

Measurement conditions : JIS B 8616
Measurement location : reverberation chamber

MODEL	dB(A)
FDU224KXZE1	75
FDU280KXZE1	

Note (1) Values are for external static pressure of 200Pa.

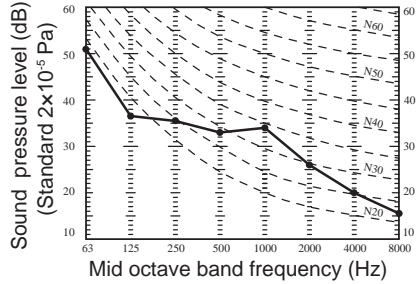
(6) Duct connected-Low/Middle static pressure type (FDUM)



Measured based on JIS B 8616
Mike position as right

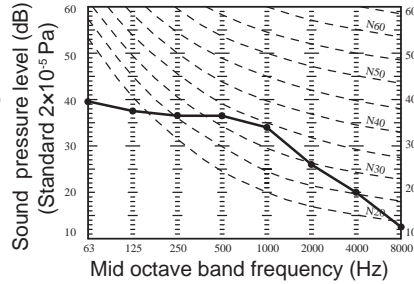
FDUM22,28,36,45,56KXE6F

Noise level 37 dB (A) at P-HIGH
32 dB (A) at HIGH
29 dB (A) at MEDIUM
26 dB (A) at LOW



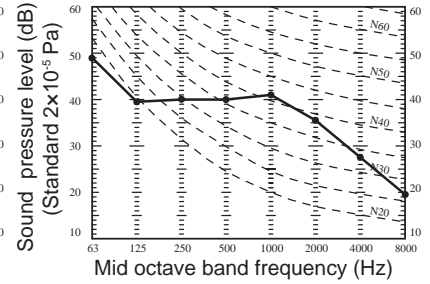
FDUM71,90KXE6F

Noise level 38 dB (A) at P-HIGH
33 dB (A) at HIGH
29 dB (A) at MEDIUM
25 dB (A) at LOW



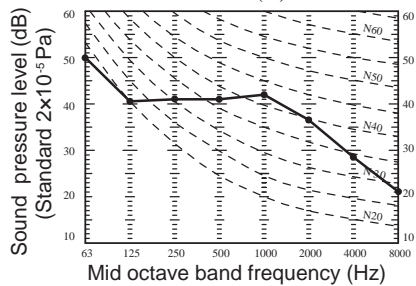
FDUM112KXE6F

Noise level 44 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
30 dB (A) at LOW



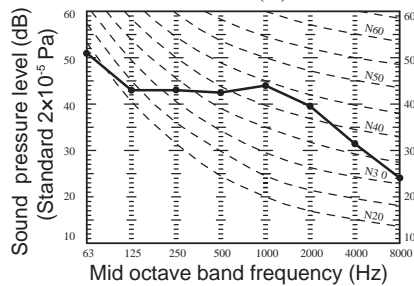
FDUM140KXE6F

Noise level 45 dB (A) at P-HIGH
40 dB (A) at HIGH
34 dB (A) at MEDIUM
29 dB (A) at LOW



FDUM160KXE6F

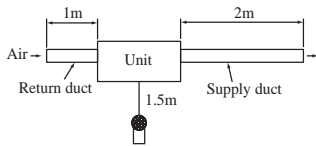
Noise level 47 dB (A) at P-HIGH
40 dB (A) at HIGH
35 dB (A) at MEDIUM
30 dB (A) at LOW



(7) Duct connected (thin)-Low static pressure type (FDUT)

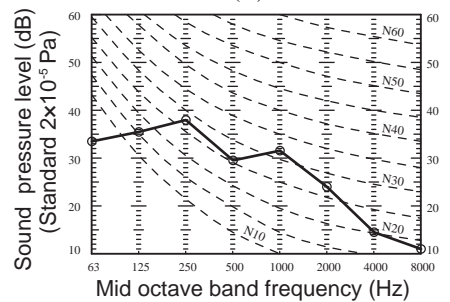
(a) Mike position : 1.5m below the unit

Measured based on JIS B 8616 ANNEX3 (Duct setting)
Mike position as right



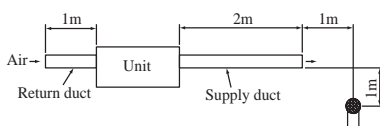
FDUT71KXE6F-E

Noise level 35 dB (A) at HIGH
31 dB (A) at MEDIUM
28 dB (A) at LOW



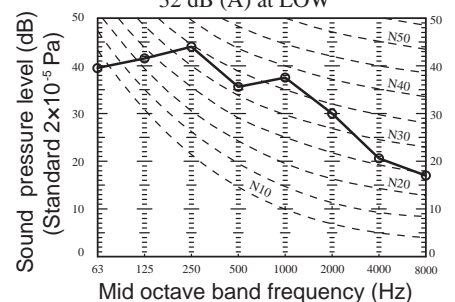
(b) Mike position : 1m in front and 1m below of the air supply duct

Measured based on JIS B 8616 ANNEX3 (Duct setting)
Mike position as right



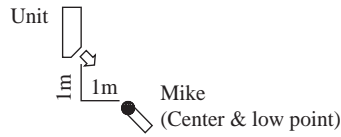
FDUT71KXE6F-E

Noise level 41 dB (A) at HIGH
37 dB (A) at MEDIUM
32 dB (A) at LOW



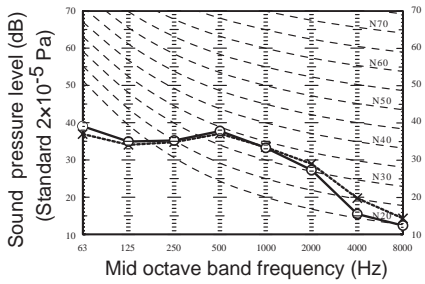
(8) Wall mounted type (FDK)

Measured based on JIS B 8616
Mike position as right



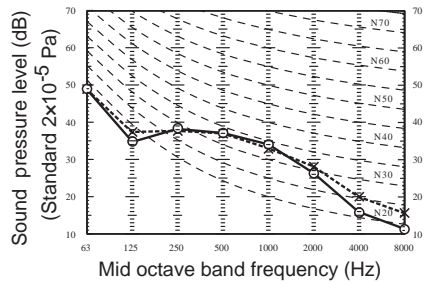
FDK15KXZE1

Noise level 38dB(A) at P-Hi



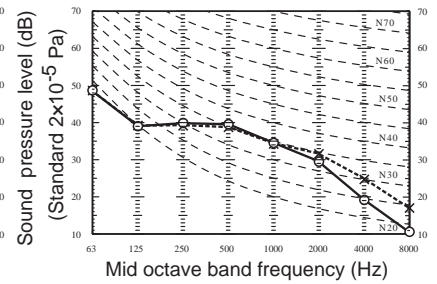
FDK22,28KXZE1

Noise level Cooling 38dB(A) at P-Hi
Heating 38dB(A)



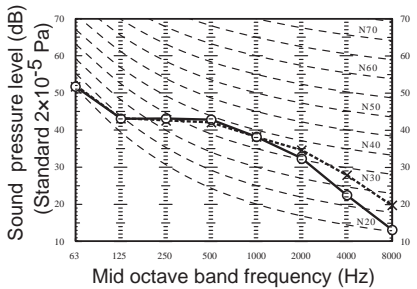
FDK36KXZE1

Noise level Cooling 40dB(A) at P-Hi
Heating 40dB(A)



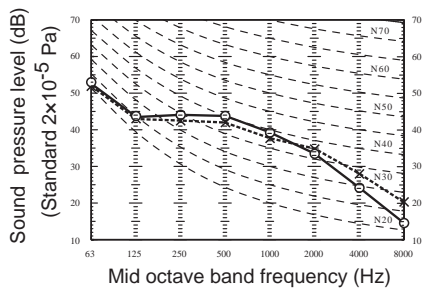
FDK45KXZE1

Noise level Cooling 43dB(A) at P-Hi
Heating 43dB(A)



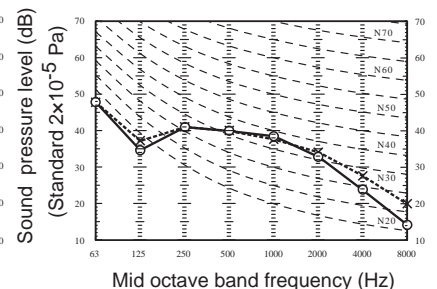
FDK56KXZE1

Noise level Cooling 43dB(A) at P-Hi
Heating 44dB(A)



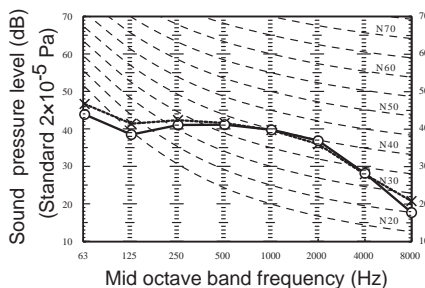
FDK71KXZE1

Noise level Cooling 42dB(A) at P-Hi
Heating 42dB(A)



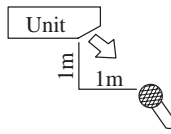
FDK90KXZE1

Noise level Cooling 44dB(A) at P-Hi
Heating 44dB(A)



(9) Ceiling suspended type (FDE)

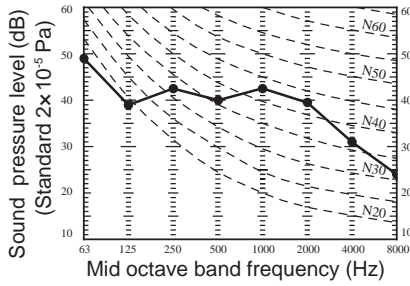
Measured based on JIS B 8616
Mike position as right



Mike (in front & below unit)

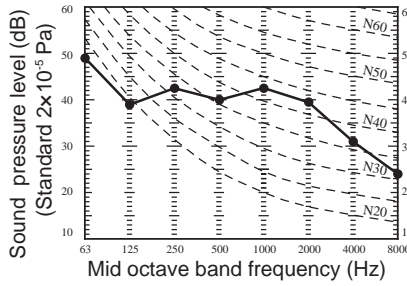
FDE36KXZE1

Noise level 46 dB (A) at P-HIGH
38 dB (A) at HIGH
31 dB (A) at MEDIUM
26 dB (A) at LOW



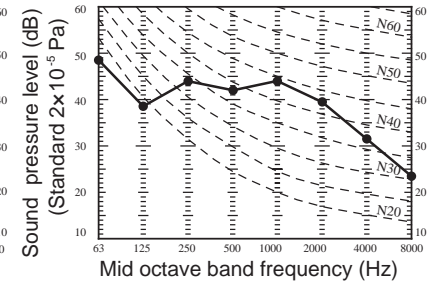
FDE45, 56KXZE1

Noise level 46 dB (A) at P-HIGH
38 dB (A) at HIGH
36 dB (A) at MEDIUM
31 dB (A) at LOW



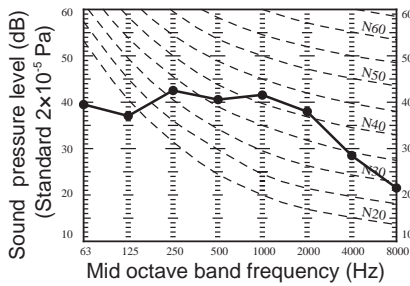
FDE71KXZE1

Noise level 47 dB (A) at P-HIGH
39 dB (A) at HIGH
37 dB (A) at MEDIUM
32 dB (A) at LOW



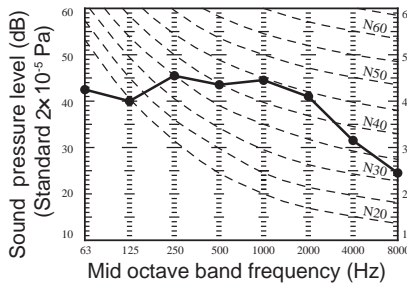
FDE112KXZE1

Noise level 45 dB (A) at P-HIGH
42 dB (A) at HIGH
38 dB (A) at MEDIUM
34 dB (A) at LOW



FDE140KXZE1

Noise level 48 dB (A) at P-HIGH
43 dB (A) at HIGH
40 dB (A) at MEDIUM
35 dB (A) at LOW

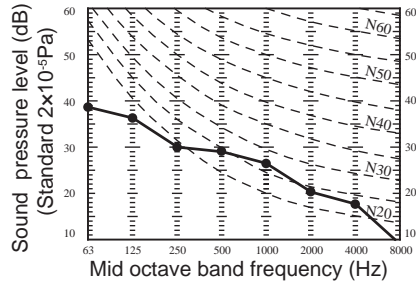


(10) Outdoor Air Processing unit (FDU-F)

Notes(1) Values are for external static pressure of 200Pa.

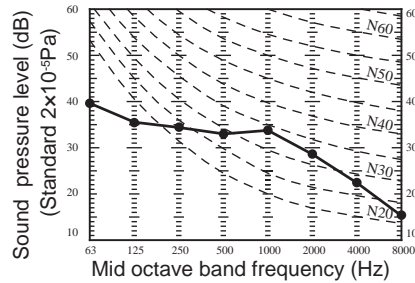
FDU650FKXZE1

Noise level 31dB (A) at High



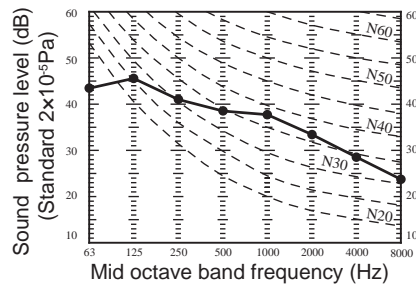
FDU1100FKXZE1

Noise level 37dB (A) at High



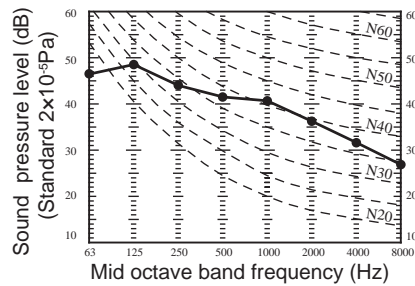
FDU1800FKXZE1

Noise level 42dB (A) at High



FDU2400FKXZE1

Noise level 45dB (A) at High



Power level

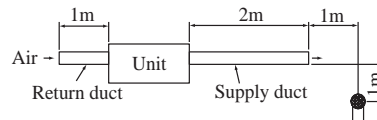
Measurement conditions : JIS B 8616
Measurement location : reverberation chamber

MODEL	dB(A)	MODEL	dB(A)
FDU650FKXZE1	55	FDU1800FKXZE1	68
FDU1100FKXZE1	62	FDU2400FKXZE1	70

Note (1) Values are for external static pressure of 200Pa.

Measured based on JIS B 8616

Mike position as below



5. CAPACITY TABLES

Caution: In case that the cooling operation during low outdoor air temperature below -5°C is expected, install the outdoor unit where it is not influenced by natural wind. Otherwise protection control by low pressure will be activated much more frequently and it will cause insufficient capacity or breakdown of the compressor in worst case.

(1) Ceiling cassette-4 way type (FDT)

Model		Cooling Mode												Heating Mode											
FDT28KXZE1		(kW)												(kW)											
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature												Outdoor air temperature		Indoor air temperature									
		21°C DB 14°C WB		23°C DB 16°C WB		26°C DB 18°C WB		27°C DB 19°C WB		28°C DB 20°C WB		31°C DB 22°C WB		33°C DB 24°C WB		°CDB	°CWB	16°C DB	18°C DB	20°C DB	22°C DB	24°C DB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC										
P-Hi 20 (m ³ /min)	10			2.30	2.21	2.74	2.63	2.97	2.85	3.16	2.88	3.54	3.13	3.67	3.07	P-Hi 20 (m ³ /min)	-19.8	-20	1.86	1.86	1.86	1.86	1.86	1.86	
	12			2.30	2.21	2.74	2.63	2.97	2.85	3.15	2.87	3.52	3.12	3.66	3.06		-17.8	-18	1.98	1.98	1.98	1.98	1.98		
	14			2.30	2.21	2.74	2.63	2.97	2.85	3.15	2.87	3.51	3.12	3.64	3.05		-15.7	-16	2.09	2.09	2.09	2.09	2.09		
	16			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.50	3.12	3.63	3.05		-13.7	-14	2.21	2.21	2.21	2.21	2.21		
	18			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.49	3.12	3.61	3.05		-11.7	-12	2.33	2.33	2.33	2.33	2.33		
	20			2.30	2.21	2.74	2.63	2.97	2.85	3.14	2.86	3.47	3.11	3.59	3.04		-9.6	-10	2.45	2.45	2.45	2.45	2.45		
	22			2.29	2.20	2.74	2.63	2.97	2.85	3.12	2.86	3.43	3.09	3.54	3.03		-7.5	-8	2.60	2.60	2.60	2.60	2.60		
	24			2.29	2.20	2.74	2.63	2.97	2.85	3.11	2.86	3.39	3.08	3.50	3.01		-5.5	-6	2.75	2.75	2.75	2.75	2.75		
	26			2.29	2.20	2.73	2.62	2.94	2.82	3.07	2.84	3.33	3.06	3.44	3.00		-3.4	-4	2.85	2.84	2.84	2.81	2.78		
	28	2.07	1.99	2.28	2.19	2.72	2.61	2.91	2.79	3.03	2.83	3.28	3.04	3.39	2.99		0.8	0	3.10	3.06	3.02	2.91	2.80		
	30	2.07	1.99	2.28	2.19	2.70	2.59	2.88	2.76	3.00	2.81	3.23	3.03	3.34	2.96		3.9	3	3.37	3.25	3.13	2.95	2.78		
	32	2.07	1.99	2.27	2.18	2.67	2.56	2.86	2.75	2.96	2.80	3.18	3.01	3.29	2.95		7.0	6	3.68	3.44	3.20	2.98	2.75		
	34	2.07	1.99	2.27	2.18	2.66	2.55	2.82	2.71	2.92	2.79	3.11	2.98	3.22	2.89		10.1	9	3.66	3.42	3.19	2.96	2.73		
	35	2.07	1.99	2.26	2.17	2.66	2.55	2.80	2.69	2.89	2.77	3.08	2.96	3.18	2.88		13.2	12	3.63	3.40	3.17	2.94	2.70		
	36	2.07	1.99	2.26	2.17	2.64	2.53	2.79	2.68	2.86	2.75	3.02	2.90	3.12	2.87		16.9	15.5	3.60	3.37	3.14	2.91	2.68		
	38	2.07	1.99	2.25	2.16	2.60	2.50	2.76	2.65	2.81	2.70	2.91	2.79	3.00	2.84										
39	2.07	1.99	2.25	2.16	2.58	2.48	2.74	2.63	2.78	2.67	2.86	2.75	2.94	2.82											
41	2.07	1.99	2.24	2.15	2.50	2.40	2.63	2.52	2.66	2.55	2.73	2.62	2.80	2.69											
43	2.07	1.99	2.24	2.15	2.43	2.33	2.52	2.42	2.55	2.45	2.60	2.50	2.66	2.55											

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature												Outdoor air temperature		Indoor air temperature							
		21°C DB 14°C WB		23°C DB 16°C WB		26°C DB 18°C WB		27°C DB 19°C WB		28°C DB 20°C WB		31°C DB 22°C WB		33°C DB 24°C WB		°CDB	°CWB	16°C DB	18°C DB	20°C DB	22°C DB	24°C DB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC								
Hi 14 (m ³ /min)	10			2.18	2.09	2.61	2.51	2.82	2.68	3.00	2.70	3.36	2.94	3.49	2.88	Hi 14 (m ³ /min)	-19.8	-20	1.76	1.76	1.76	1.76	1.76
	12			2.18	2.09	2.61	2.51	2.82	2.68	3.00	2.70	3.35	2.93	3.47	2.87		-17.8	-18	1.87	1.87	1.87	1.87	1.87
	14			2.18	2.09	2.61	2.51	2.82	2.68	2.99	2.69	3.34	2.92	3.46	2.87		-15.7	-16	1.98	1.98	1.98	1.98	1.98
	16			2.18	2.09	2.61	2.51	2.82	2.68	2.99	2.69	3.32	2.92	3.44	2.86		-13.7	-14	2.10	2.10	2.10	2.10	2.10
	18			2.18	2.09	2.61	2.51	2.82	2.68	2.98	2.69	3.31	2.91	3.43	2.86		-11.7	-12	2.21	2.21	2.21	2.21	2.21
	20			2.18	2.09	2.61	2.51	2.82	2.68	2.98	2.69	3.30	2.91	3.41	2.86		-9.6	-10	2.32	2.32	2.32	2.32	2.32
	22			2.18	2.09	2.61	2.51	2.82	2.68	2.97	2.69	3.26	2.90	3.37	2.83		-7.5	-8	2.46	2.46	2.46	2.46	2.46
	24			2.17	2.08	2.60	2.50	2.82	2.68	2.95	2.68	3.22	2.89	3.32	2.82		-5.5	-6	2.61	2.61	2.61	2.61	2.61
	26			2.17	2.08	2.59	2.49	2.79	2.66	2.92	2.67	3.17	2.87	3.27	2.81		-3.4	-4	2.70	2.69	2.69	2.66	2.64
	28	1.97	1.89	2.17	2.08	2.58	2.48	2.77	2.66	2.88	2.66	3.11	2.85	3.22	2.77		0.8	0	2.94	2.90	2.86	2.75	2.65
	30	1.97	1.89	2.17	2.08	2.56	2.46	2.74	2.63	2.85	2.64	3.07	2.84	3.17	2.76		3.9	3	3.19	3.08	2.96	2.80	2.63
	32	1.97	1.89	2.16	2.07	2.54	2.44	2.71	2.60	2.82	2.63	3.02	2.80	3.12	2.74		7.0	6	3.48	3.26	3.03	2.82	2.61
	34	1.97	1.89	2.15	2.06	2.53	2.43	2.68	2.57	2.77	2.62	2.96	2.78	3.06	2.73		10.1	9	3.46	3.24	3.02	2.80	2.58
	35	1.97	1.89	2.15	2.06	2.53	2.43	2.66	2.55	2.75	2.61	2.92	2.77	3.03	2.72		13.2	12	3.44	3.22	3.00	2.78	2.56
	36	1.97	1.89	2.15	2.06	2.51	2.41	2.65	2.54	2.72	2.60	2.87	2.76	2.97	2.71		16.9	15.5	3.41	3.19	2.97	2.75	2.53
	38	1.97	1.89	2.14	2.05	2.47	2.37	2.62	2.52	2.67	2.56	2.77	2.66	2.85	2.67								
39	1.97	1.89	2.14	2.05	2.45	2.35	2.61	2.51	2.64	2.53	2.71	2.60	2.79	2.66									
41	1.97	1.89	2.13	2.04	2.38	2.28	2.50	2.40	2.53	2.43	2.59	2.49	2.66	2.55									
43	1.97	1.89	2.12	2.04	2.30	2.21	2.39	2.29	2.42	2.32	2.47	2.37	2.53	2.43									

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature												Outdoor air temperature		Indoor air temperature							
		21°C DB 14°C WB		23°C DB 16°C WB		26°C DB 18°C WB		27°C DB 19°C WB		28°C DB 20°C WB		31°C DB 22°C WB		33°C DB 24°C WB		°CDB	°CWB	16°C DB	18°C DB	20°C DB	22°C DB	24°C DB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC								
Me 12 (m ³ /min)	10			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.11	2.64	3.23	2.59	Me 12 (m ³ /min)	-19.8	-20	1.61	1.61	1.61	1.61	1.61
	12			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.10	2.64	3.21	2.59		-17.8	-18	1.71	1.71	1.71	1.71	1.71
	14			2.02	1.94	2.41	2.31	2.61	2.42	2.77	2.43	3.09	2.64	3.20	2.58		-15.7	-16	1.81	1.81	1.81	1.81	1.81
	16			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.07	2.63	3.18	2.58		-13.7	-14	1.92	1.92	1.92	1.92	1.92
	18			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.06	2.63	3.17	2.58		-11.7	-12	2.02	2.02	2.02	2.02	2.02
	20			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.05	2.62	3.16	2.57		-9.6	-10	2.12	2.12	2.12	2.12	2.12
	22			2.02	1.94	2.41	2.31	2.61	2.42	2.76	2.43	3.04	2.62	3.16	2.57		-7.5	-8	2.25	2.25	2.25	2.25	2.25
	24			2.01	1.93	2.41	2.31	2.61	2.42	2.74	2.42	3.01	2.61	3.11	2.56		-5.5	-6	2.38	2.38	2.38	2.38	2.38
	26			2.01	1.93	2.41	2.31	2.61	2.42	2.73	2.42	2.97	2.60	3.07	2.55		-3.4	-4	2.47	2.46	2.46	2.43	2.41
	28	1.82	1.75	2.01	1.93	2.39	2.29	2.56	2.40	2.67	2.40	2.88	2.58	2.98	2.53		0.8	0	2.69	2.65	2.61	2.52	2.42
	30	1.82	1.75	2.00	1.92	2.37	2.28	2.53	2.39	2.63	2.39	2.84	2.56	2.93	2.51		3.9	3	2.92	2.81	2.71	2.56	2.40
	32	1.82	1.75	2.00	1.92	2.35	2.26	2.51	2.38	2.60	2.38	2.79	2.54	2.89	2.49		7.0	6	3.19	2.98	2.77	2.58	2.38
	34	1.82	1.75	1.99	1.91	2.34	2.25	2.48	2.37	2.56	2.36	2.73	2.52	2.83	2.48		10.1	9	3.16	2.96	2.76	2.56	2.36
	35	1.82	1.75	1.99	1.91	2.3																	

Model **FDT36KXZE1**

Cooling Mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			2.95	2.83	3.53	3.39	3.82	3.60	4.06	3.63	4.55	3.93	4.72	3.85
	12			2.95	2.83	3.53	3.39	3.82	3.60	4.05	3.62	4.53	3.92	4.70	3.85
	14			2.95	2.83	3.53	3.39	3.82	3.60	4.05	3.62	4.51	3.91	4.68	3.84
	16			2.95	2.83	3.53	3.39	3.82	3.60	4.04	3.61	4.50	3.91	4.66	3.84
	18			2.95	2.83	3.53	3.39	3.82	3.60	4.04	3.61	4.48	3.91	4.64	3.83
	20			2.95	2.83	3.53	3.39	3.82	3.60	4.03	3.61	4.47	3.90	4.62	3.83
	22			2.95	2.83	3.53	3.39	3.82	3.60	4.01	3.60	4.41	3.89	4.56	3.81
	24			2.94	2.82	3.52	3.38	3.82	3.60	3.99	3.59	4.35	3.87	4.49	3.78
	26			2.94	2.82	3.51	3.37	3.78	3.58	3.95	3.58	4.28	3.85	4.43	3.77
	28	2.66	2.55	2.94	2.82	3.49	3.35	3.74	3.56	3.90	3.57	4.22	3.82	4.36	3.75
30	2.66	2.55	2.93	2.81	3.47	3.33	3.71	3.55	3.86	3.55	4.15	3.80	4.29	3.73	
32	2.66	2.55	2.92	2.80	3.44	3.30	3.67	3.52	3.81	3.53	4.09	3.79	4.23	3.71	
34	2.66	2.55	2.91	2.79	3.43	3.29	3.62	3.48	3.75	3.51	4.00	3.75	4.14	3.68	
35	2.66	2.55	2.91	2.79	3.42	3.28	3.60	3.46	3.72	3.50	3.96	3.74	4.09	3.67	
36	2.66	2.55	2.91	2.79	3.39	3.25	3.58	3.44	3.68	3.49	3.89	3.72	4.02	3.64	
38	2.66	2.55	2.90	2.78	3.34	3.21	3.55	3.41	3.61	3.46	3.74	3.59	3.86	3.60	
39	2.66	2.55	2.89	2.77	3.32	3.19	3.53	3.39	3.58	3.44	3.67	3.52	3.78	3.58	
41	2.66	2.55	2.88	2.76	3.22	3.09	3.38	3.24	3.43	3.29	3.51	3.37	3.60	3.46	
43	2.66	2.55	2.87	2.76	3.12	3.00	3.24	3.11	3.28	3.15	3.35	3.22	3.42	3.28	

Heating Mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi	-19.8	-20	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	
	-17.8	-18	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	
	-15.7	-16	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	
	-13.7	-14	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	
	-11.7	-12	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	
	-9.6	-10	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	
	-7.5	-8	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	
	-5.5	-6	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	
	-3.4	-4	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	
	-1.3	-2	3.68	3.67	3.66	3.66	3.66	3.66	3.66	3.66	
0.8	0	3.88	3.83	3.77	3.77	3.77	3.77	3.77	3.77		
3.9	3	4.21	4.06	3.91	3.91	3.91	3.91	3.91	3.91		
7.0	6	4.60	4.30	4.00	4.00	4.00	4.00	4.00	4.00		
10.1	9	4.57	4.28	3.99	3.99	3.99	3.99	3.99	3.99		
13.2	12	4.54	4.25	3.96	3.96	3.96	3.96	3.96	3.96		
16.9	15.5	4.51	4.22	3.93	3.93	3.93	3.93	3.93	3.93		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			2.75	2.64	3.29	3.08	3.56	3.12	3.79	3.14	4.24	3.42	4.41	3.35
	12			2.75	2.64	3.29	3.08	3.56	3.12	3.78	3.14	4.23	3.41	4.39	3.34
	14			2.75	2.64	3.29	3.08	3.56	3.12	3.78	3.14	4.21	3.41	4.37	3.34
	16			2.75	2.64	3.29	3.08	3.56	3.12	3.77	3.14	4.20	3.40	4.35	3.33
	18			2.75	2.64	3.29	3.08	3.56	3.12	3.77	3.14	4.18	3.40	4.33	3.33
	20			2.75	2.64	3.29	3.08	3.56	3.12	3.76	3.13	4.17	3.39	4.31	3.32
	22			2.75	2.64	3.29	3.08	3.56	3.12	3.75	3.13	4.12	3.38	4.25	3.30
	24			2.75	2.64	3.29	3.08	3.56	3.12	3.73	3.12	4.06	3.36	4.19	3.28
	26			2.74	2.63	3.27	3.07	3.53	3.11	3.68	3.11	4.00	3.33	4.13	3.26
	28	2.49	2.39	2.74	2.63	3.26	3.07	3.49	3.10	3.64	3.09	3.93	3.31	4.07	3.25
30	2.49	2.39	2.74	2.63	3.23	3.05	3.46	3.09	3.60	3.08	3.87	3.30	4.00	3.22	
32	2.49	2.39	2.73	2.62	3.21	3.04	3.43	3.08	3.56	3.07	3.81	3.27	3.94	3.20	
34	2.49	2.39	2.72	2.61	3.20	3.04	3.38	3.06	3.50	3.05	3.73	3.24	3.86	3.18	
35	2.49	2.39	2.71	2.60	3.19	3.03	3.36	3.05	3.47	3.04	3.69	3.23	3.82	3.17	
36	2.49	2.39	2.71	2.60	3.17	3.03	3.34	3.04	3.44	3.03	3.63	3.21	3.75	3.14	
38	2.49	2.39	2.70	2.59	3.12	3.00	3.31	3.03	3.37	3.00	3.49	3.16	3.60	3.10	
39	2.49	2.39	2.70	2.59	3.10	2.98	3.29	3.02	3.34	2.99	3.43	3.15	3.52	3.05	
41	2.49	2.39	2.69	2.58	3.00	2.88	3.16	2.97	3.20	2.94	3.28	3.08	3.36	3.01	
43	2.49	2.39	2.68	2.57	2.91	2.79	3.02	2.90	3.06	2.89	3.12	3.00	3.19	2.96	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
Hi	-19.8	-20	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	
	-17.8	-18	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	
	-15.7	-16	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	
	-13.7	-14	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	
	-11.7	-12	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	
	-9.6	-10	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	
	-7.5	-8	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	
	-5.5	-6	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	
	-3.4	-4	3.36	3.36	3.36	3.36	3.36	3.36	3.36	3.36	
	-1.3	-2	3.48	3.47	3.46	3.46	3.46	3.46	3.46	3.46	
0.8	0	3.67	3.61	3.56	3.56	3.56	3.56	3.56	3.56		
3.9	3	3.98	3.84	3.69	3.69	3.69	3.69	3.69	3.69		
7.0	6	4.35	4.06	3.78	3.78	3.78	3.78	3.78	3.78		
10.1	9	4.32	4.04	3.77	3.77	3.77	3.77	3.77	3.77		
13.2	12	4.29	4.02	3.74	3.74	3.74	3.74	3.74	3.74		
16.9	15.5	4.26	3.98	3.71	3.71	3.71	3.71	3.71	3.71		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			2.50	2.40	2.99	2.72	3.23	2.76	3.44	2.79	3.85	3.03	4.00	2.97
	12			2.50	2.40	2.99	2.72	3.23	2.76	3.44	2.79	3.84	3.02	3.98	2.95
	14			2.50	2.40	2.99	2.72	3.23	2.76	3.43	2.79	3.83	3.02	3.97	2.95
	16			2.50	2.40	2.99	2.72	3.23	2.76	3.43	2.79	3.81	3.01	3.95	2.94
	18			2.50	2.40	2.99	2.72	3.23	2.76	3.42	2.79	3.80	3.01	3.93	2.94
	20			2.50	2.40	2.99	2.72	3.23	2.76	3.42	2.79	3.78	3.00	3.91	2.93
	22			2.50	2.40	2.99	2.72	3.23	2.76	3.40	2.77	3.74	2.99	3.86	2.92
	24			2.49	2.39	2.99	2.72	3.23	2.76	3.38	2.77	3.69	2.97	3.81	2.90
	26			2.49	2.39	2.97	2.71	3.20	2.75	3.34	2.75	3.63	2.95	3.75	2.88
	28	2.26	2.17	2.49	2.39	2.96	2.71	3.17	2.74	3.31	2.74	3.57	2.93	3.69	2.86
30	2.26	2.17	2.48	2.38	2.94	2.70	3.14	2.73	3.27	2.73	3.52	2.91	3.64	2.85	
32	2.26	2.17	2.48	2.38	2.91	2.69	3.11	2.72	3.23	2.72	3.46	2.89	3.58	2.83	
34	2.26	2.17	2.47	2.37	2.90	2.69	3.07	2.70	3.18	2.69	3.39	2.87	3.51	2.81	
35	2.26	2.17	2.46	2.36	2.90	2.69	3.05	2.70	3.15	2.68	3.35	2.85	3.47	2.79	
36	2.26	2.17	2.46	2.36	2.88	2.67	3.03	2.69	3.12	2.67	3.29	2.83	3.40	2.75	
38	2.26	2.17	2.46	2.36	2.83	2.66	3.00	2.68	3.06	2.65	3.17	2.77	3.27	2.72	
39	2.26	2.17	2.45	2.35	2.81	2.65	2.99	2.67	3.03	2.64	3.11	2.76	3.20	2.70	
41	2.26	2.17	2.44	2.34	2.73	2.62	2.87	2.63	2.90	2.59	2.97	2.71	3.05	2.66	
43	2.26	2.1													

Model		FDT45KXZE1														Cooling Mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi	10			3.69	3.54	4.41	3.99	4.77	4.08	5.07	4.12	5.68	4.45	5.90	4.37				
	12			3.69	3.54	4.41	3.99	4.77	4.08	5.07	4.12	5.68	4.45	5.88	4.36				
	14			3.69	3.54	4.41	3.99	4.77	4.08	5.06	4.11	5.64	4.44	5.85	4.35				
	16			3.69	3.54	4.41	3.99	4.77	4.08	5.05	4.11	5.62	4.44	5.83	4.35				
	18			3.69	3.54	4.41	3.99	4.77	4.08	5.05	4.11	5.60	4.43	5.80	4.33				
	20			3.69	3.54	4.41	3.99	4.77	4.08	5.04	4.10	5.58	4.42	5.78	4.32				
	22			3.68	3.53	4.41	3.99	4.77	4.08	5.02	4.09	5.51	4.40	5.70	4.30				
	24			3.68	3.53	4.41	3.99	4.77	4.08	4.99	4.08	5.44	4.37	5.62	4.28				
	26			3.68	3.53	4.41	3.99	4.77	4.03	4.93	4.06	5.35	4.35	5.53	4.25				
	28	3.33	3.20	3.67	3.52	4.37	3.98	4.68	4.02	4.88	4.05	5.27	4.31	5.44	4.22				
30	3.33	3.20	3.66	3.51	4.33	3.97	4.64	4.00	4.82	3.99	5.19	4.29	5.36	4.19					
32	3.33	3.20	3.65	3.50	4.30	3.96	4.59	3.99	4.76	3.97	5.11	4.27	5.28	4.17					
34	3.33	3.20	3.64	3.49	4.28	3.95	4.53	3.97	4.69	3.95	5.00	4.22	5.17	4.13					
35	3.33	3.20	3.64	3.49	4.28	3.95	4.50	3.96	4.65	3.94	4.95	4.21	5.12	4.12					
36	3.33	3.20	3.63	3.48	4.24	3.94	4.48	3.95	4.60	3.92	4.86	4.17	5.02	4.09					
38	3.33	3.20	3.62	3.48	4.18	3.92	4.43	3.93	4.52	3.90	4.68	4.12	4.82	4.03					
39	3.33	3.20	3.62	3.48	4.15	3.90	4.41	3.93	4.47	3.88	4.59	4.08	4.72	4.00					
41	3.33	3.20	3.61	3.47	4.02	3.85	4.23	3.87	4.28	3.82	4.39	4.02	4.50	3.93					
43	3.33	3.20	3.59	3.45	3.90	3.74	4.05	3.80	4.09	3.75	4.18	3.94	4.28	3.86					

Model		FDT45KXZE1														Heating Mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB									
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC								
P-Hi	-19.8	-20	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90					
	-17.8	-18	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09					
	-15.7	-16	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27					
	-13.7	-14	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46					
	-11.7	-12	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65					
	-9.6	-10	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83					
	-7.5	-8	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07					
	-5.5	-6	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30					
	-3.4	-4	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44					
	-1.3	-2	4.60	4.59	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58					
0.8	0	4.85	4.78	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71						
3.9	3	5.26	5.08	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89						
7.0	6	5.75	5.38	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
10.1	9	5.71	5.35	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98						
13.2	12	5.68	5.31	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95						
16.9	15.5	5.63	5.27	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91						

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Hi	10			3.44	3.13	4.12	3.53	4.45	3.60	4.74	3.64	5.31	3.93	5.51	3.84		
	12			3.44	3.13	4.12	3.53	4.45	3.60	4.73	3.63	5.29	3.93	5.49	3.85		
	14			3.44	3.13	4.12	3.53	4.45	3.60	4.72	3.63	5.27	3.92	5.46	3.83		
	16			3.44	3.13	4.12	3.53	4.45	3.60	4.72	3.63	5.25	3.91	5.44	3.83		
	18			3.44	3.13	4.12	3.53	4.45	3.60	4.71	3.62	5.23	3.91	5.41	3.81		
	20			3.44	3.13	4.12	3.53	4.45	3.60	4.70	3.62	5.21	3.90	5.39	3.80		
	22			3.44	3.13	4.11	3.52	4.45	3.60	4.68	3.61	5.14	3.87	5.32	3.78		
	24			3.43	3.12	4.11	3.52	4.45	3.60	4.66	3.60	5.08	3.85	5.24	3.76		
	26			3.43	3.12	4.09	3.50	4.41	3.57	4.61	3.59	5.00	3.83	5.16	3.73		
	28	3.11	2.99	3.43	3.12	4.07	3.49	4.37	3.56	4.55	3.57	4.92	3.79	5.08	3.71		
30	3.11	2.99	3.42	3.12	4.04	3.48	4.33	3.55	4.50	3.54	4.84	3.77	5.01	3.68			
32	3.11	2.99	3.41	3.11	4.01	3.47	4.28	3.53	4.45	3.52	4.77	3.75	4.93	3.65			
34	3.11	2.99	3.40	3.11	4.00	3.47	4.23	3.51	4.37	3.50	4.67	3.71	4.83	3.63			
35	3.11	2.99	3.39	3.11	3.99	3.47	4.20	3.48	4.34	3.49	4.62	3.69	4.78	3.60			
36	3.11	2.99	3.39	3.11	3.96	3.45	4.18	3.47	4.30	3.45	4.53	3.66	4.68	3.58			
38	3.11	2.99	3.38	3.10	3.90	3.43	4.14	3.46	4.21	3.42	4.37	3.61	4.50	3.52			
39	3.11	2.99	3.38	3.10	3.87	3.42	4.12	3.45	4.17	3.40	4.29	3.57	4.41	3.49			
41	3.11	2.99	3.36	3.09	3.75	3.38	3.95	3.39	4.00	3.35	4.09	3.51	4.20	3.43			
43	3.11	2.99	3.35	3.09	3.64	3.34	3.78	3.33	3.82	3.29	3.90	3.45	3.99	3.36			

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB							
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC						
Hi	-19.8	-20	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74			
	-17.8	-18	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92			
	-15.7	-16	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10			
	-13.7	-14	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27			
	-11.7	-12	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45			
	-9.6	-10	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63			
	-7.5	-8	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85			
	-5.5	-6	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07			
	-3.4	-4	4.21	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20			
	-1.3	-2	4.35	4.34	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33			
0.8	0	4.59	4.52	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46				
3.9	3	4.98	4.80	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62				
7.0	6	5.44	5.08	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73				
10.1	9	5.40	5.06	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71				
13.2	12	5.37	5.03	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68	4.68				
16.9	15.5	5.33	4.98	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64				

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Me	10			3.17	2.82	3.79	3.19	4.10	3.25	4.36	3.28	4.89	3.56	5.08	3.48		
	12			3.17	2.82	3.79	3.19	4.10	3.25	4.36	3.28	4.87	3.55	5.05	3.46		
	14			3.17	2.82	3.79	3.19	4.10	3.25	4.35	3.28	4.85	3.54	5.03	3.46		
	16			3.17	2.82	3.79	3.19	4.10	3.25	4.35	3.28	4.84	3.54	5.01	3.45		
	18			3.17	2.82	3.79	3.19	4.10	3.25	4.34	3.27	4.82	3.53	4.99	3.44		
	20			3.17	2.82	3.79</											

Model **FDT56KXZE1**

Cooling Mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			4.59	4.41	5.49	5.16	5.94	5.23	6.32	5.29	7.07	5.72	7.35	5.62
	12			4.59	4.41	5.49	5.16	5.94	5.23	6.31	5.28	7.05	5.72	7.31	5.60
	14			4.59	4.41	5.49	5.16	5.94	5.23	6.30	5.28	7.02	5.71	7.28	5.60
	16			4.59	4.41	5.49	5.16	5.94	5.23	6.29	5.28	7.00	5.70	7.25	5.59
	18			4.59	4.41	5.49	5.16	5.94	5.23	6.28	5.27	6.97	5.69	7.22	5.58
	20			4.59	4.41	5.49	5.16	5.94	5.23	6.27	5.27	6.95	5.69	7.19	5.56
	22			4.58	4.40	5.49	5.16	5.94	5.23	6.24	5.26	6.86	5.66	7.09	5.53
	24			4.58	4.40	5.48	5.15	5.94	5.23	6.21	5.23	6.77	5.62	6.99	5.51
	26			4.57	4.39	5.46	5.14	5.88	5.21	6.14	5.21	6.66	5.59	6.88	5.46
	28	4.14	3.97	4.57	4.39	5.43	5.13	5.82	5.20	6.07	5.19	6.56	5.56	6.78	5.43
30	4.14	3.97	4.56	4.38	5.39	5.12	5.77	5.16	6.00	5.17	6.46	5.52	6.67	5.41	
32	4.14	3.97	4.55	4.37	5.35	5.09	5.71	5.15	5.93	5.13	6.36	5.49	6.57	5.36	
34	4.14	3.97	4.53	4.35	5.33	5.09	5.64	5.12	5.83	5.10	6.22	5.43	6.44	5.33	
35	4.14	3.97	4.52	4.34	5.32	5.08	5.60	5.11	5.79	5.09	6.16	5.42	6.37	5.31	
36	4.14	3.97	4.52	4.34	5.28	5.07	5.57	5.10	5.73	5.07	6.05	5.39	6.25	5.27	
38	4.14	3.97	4.51	4.33	5.20	4.99	5.52	5.08	5.62	5.02	5.82	5.30	6.00	5.15	
39	4.14	3.97	4.50	4.32	5.16	4.95	5.49	5.06	5.56	5.00	5.71	5.27	5.87	5.12	
41	4.14	3.97	4.49	4.31	5.00	4.80	5.26	4.98	5.33	4.93	5.46	5.15	5.60	5.05	
43	4.14	3.97	4.47	4.29	4.85	4.66	5.04	4.84	5.10	4.84	5.21	5.00	5.32	4.97	

Heating Mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature						
		°CDB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	
P-Hi	-19.8	-20	3.65	3.65	3.65	3.65	3.65	
	-17.8	-18	3.89	3.89	3.89	3.89	3.89	
	-15.7	-16	4.12	4.12	4.12	4.12	4.12	
	-13.7	-14	4.36	4.36	4.36	4.36	4.36	
	-11.7	-12	4.59	4.59	4.59	4.59	4.59	
	-9.6	-10	4.83	4.83	4.83	4.83	4.83	
	-7.5	-8	5.12	5.12	5.12	5.12	5.12	
	-5.5	-6	5.42	5.42	5.42	5.42	5.42	
	-3.4	-4	5.61	5.60	5.59	5.54	5.48	
	-1.3	-2	5.80	5.78	5.76	5.65	5.54	
0.8	0	6.11	6.02	5.94	5.73	5.51		
3.9	3	6.63	6.39	6.16	5.81	5.47		
7.0	6	7.25	6.77	6.30	5.86	5.42		
10.1	9	7.20	6.74	6.28	5.82	5.37		
13.2	12	7.15	6.69	6.24	5.78	5.32		
16.9	15.5	7.10	6.64	6.18	5.73	5.27		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			4.24	3.70	5.07	4.18	5.48	4.26	5.83	4.31	6.53	4.65	6.78	4.54
	12			4.24	3.70	5.07	4.18	5.48	4.26	5.82	4.31	6.51	4.64	6.75	4.53
	14			4.24	3.70	5.07	4.18	5.48	4.26	5.81	4.30	6.48	4.63	6.72	4.52
	16			4.24	3.70	5.07	4.18	5.48	4.26	5.81	4.30	6.46	4.62	6.69	4.51
	18			4.24	3.70	5.07	4.18	5.48	4.26	5.80	4.30	6.44	4.62	6.66	4.50
	20			4.24	3.70	5.07	4.18	5.48	4.26	5.79	4.30	6.41	4.61	6.64	4.50
	22			4.23	3.70	5.06	4.17	5.48	4.26	5.76	4.28	6.33	4.58	6.54	4.47
	24			4.23	3.70	5.06	4.17	5.48	4.26	5.74	4.28	6.25	4.55	6.45	4.44
	26			4.22	3.69	5.04	4.17	5.43	4.24	5.67	4.25	6.15	4.52	6.35	4.41
	28	3.83	3.66	4.22	3.69	5.01	4.16	5.38	4.22	5.60	4.22	6.05	4.49	6.26	4.38
30	3.83	3.66	4.21	3.69	4.98	4.14	5.33	4.20	5.54	4.20	5.96	4.46	6.16	4.34	
32	3.83	3.66	4.20	3.68	4.94	4.13	5.27	4.18	5.47	4.17	5.87	4.42	6.07	4.32	
34	3.83	3.66	4.18	3.67	4.92	4.12	5.20	4.16	5.38	4.14	5.74	4.38	5.94	4.28	
35	3.83	3.66	4.18	3.67	4.91	4.12	5.17	4.14	5.34	4.13	5.68	4.36	5.88	4.26	
36	3.83	3.66	4.17	3.67	4.87	4.10	5.14	4.12	5.29	4.10	5.58	4.33	5.77	4.22	
38	3.83	3.66	4.16	3.67	4.80	4.08	5.09	4.11	5.19	4.06	5.38	4.25	5.54	4.15	
39	3.83	3.66	4.16	3.67	4.76	4.05	5.07	4.10	5.14	4.05	5.27	4.22	5.42	4.11	
41	3.83	3.66	4.14	3.66	4.62	4.00	4.86	4.01	4.92	3.96	5.04	4.13	5.17	4.03	
43	3.83	3.66	4.13	3.65	4.48	3.95	4.65	3.94	4.70	3.88	4.81	4.05	4.92	3.95	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature						
		°CDB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	
Hi	-19.8	-20	3.29	3.29	3.29	3.29	3.29	
	-17.8	-18	3.51	3.51	3.51	3.51	3.51	
	-15.7	-16	3.72	3.72	3.72	3.72	3.72	
	-13.7	-14	3.93	3.93	3.93	3.93	3.93	
	-11.7	-12	4.14	4.14	4.14	4.14	4.14	
	-9.6	-10	4.35	4.35	4.35	4.35	4.35	
	-7.5	-8	4.62	4.62	4.62	4.62	4.62	
	-5.5	-6	4.88	4.88	4.88	4.88	4.88	
	-3.4	-4	5.06	5.05	5.04	4.99	4.94	
	-1.3	-2	5.23	5.21	5.20	5.10	5.00	
0.8	0	5.51	5.43	5.35	5.16	4.97		
3.9	3	5.98	5.77	5.55	5.24	4.93		
7.0	6	6.53	6.11	5.68	5.28	4.88		
10.1	9	6.49	6.07	5.66	5.25	4.84		
13.2	12	6.45	6.04	5.62	5.21	4.80		
16.9	15.5	6.40	5.99	5.57	5.16	4.75		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			3.89	3.20	4.64	3.61	5.02	3.68	5.35	3.75	5.99	4.05	6.22	3.95
	12			3.89	3.20	4.64	3.61	5.02	3.68	5.34	3.74	5.97	4.04	6.19	3.94
	14			3.89	3.20	4.64	3.61	5.02	3.68	5.33	3.74	5.94	4.03	6.16	3.92
	16			3.89	3.20	4.64	3.61	5.02	3.68	5.32	3.74	5.92	4.02	6.14	3.91
	18			3.89	3.20	4.64	3.61	5.02	3.68	5.32	3.74	5.90	4.01	6.11	3.91
	20			3.89	3.20	4.64	3.61	5.02	3.68	5.31	3.73	5.88	4.01	6.08	3.90
	22			3.88	3.20	4.64	3.61	5.02	3.68	5.28	3.72	5.81	3.98	6.00	3.87
	24			3.87	3.19	4.64	3.61	5.02	3.68	5.26	3.71	5.73	3.95	5.92	3.84
	26			3.87	3.19	4.62	3.60	4.98	3.67	5.20	3.68	5.64	3.91	5.83	3.81
	28	3.51	3.16	3.87	3.19	4.60	3.60	4.93	3.65	5.14	3.65	5.55	3.88	5.74	3.76
30	3.51	3.16	3.86	3.19	4.56	3.58	4.88	3.63	5.08	3.63	5.47	3.85	5.65	3.73	
32	3.51	3.16	3.85	3.19	4.53	3.57	4.83	3.61	5.02	3.61	5.38	3.80	5.56	3.71	
34	3.51	3.16	3.84	3.18	4.51	3.56	4.77	3.59	4.94	3.58	5.27	3.77	5.45	3.67	
35	3.51	3.16	3.83	3.18	4.50	3.56	4.74	3.58	4.90	3.56	5.21	3.74	5.39	3.65	
36	3.51	3.16	3.83	3.18	4.47	3.54	4.72	3.57	4.85	3.54	5.12	3.71	5.29	3.62	
38	3.51	3.16	3.82	3.17	4.40	3.52	4.67	3.55	4.76	3.51	4.93	3.65	5.08	3.56	
39	3.51	3.16	3.81	3.17	4.37	3.51	4.65	3.54	4.71	3.49	4.84	3.62	4.97	3.52	
41	3.51	3.16	3.80	3.16	4.24	3.45	4.46	3.47	4.51	3.41	4.62	3.54	4.74	3.44	
43	3.51	3.16	3.78	3.16	4.11	3.39	4.27	3.39	4.31	3.34	4.41	3.47	4.51	3.37	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature						
		°CDB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	
Me	-19.8	-20	2.95	2.95	2.95	2.95	2.95	
	-17.8	-18	3.14	3.14	3.14	3.14	3.14	
	-15.7	-16	3.33	3.33	3.33	3.33	3.33	
	-13.7	-14	3.52	3.52	3.52	3.52	3.52	
	-11.7	-12	3.71	3.71	3.71	3.71	3.71	
	-9.6	-10	3.90	3.90	3.90	3.90	3.90	
	-7.5	-8	4.14	4.14	4.14	4.14	4.14	
	-5.5	-6	4.38	4.38	4.38	4.38	4.38	
	-3.4	-4	4.53	4.52	4.52	4.47	4.4	

Model **FDT71KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			5.82	5.54	6.96	6.26	7.53	6.36	8.01	6.42	8.97	6.97	9.31	6.81
	12			5.82	5.54	6.96	6.26	7.53	6.36	8.00	6.42	8.94	6.95	9.27	6.80
	14			5.82	5.54	6.96	6.26	7.53	6.36	7.99	6.42	8.90	6.93	9.23	6.79
	16			5.82	5.54	6.96	6.26	7.53	6.36	7.97	6.41	8.87	6.93	9.19	6.78
	18			5.82	5.54	6.96	6.26	7.53	6.36	7.96	6.41	8.84	6.92	9.15	6.77
	20			5.82	5.54	6.96	6.26	7.53	6.36	7.95	6.40	8.81	6.91	9.11	6.76
	22			5.81	5.54	6.95	6.25	7.53	6.36	7.92	6.40	8.70	6.87	8.99	6.71
	24			5.80	5.54	6.95	6.25	7.53	6.36	7.88	6.38	8.58	6.82	8.86	6.67
	26			5.80	5.54	6.92	6.24	7.46	6.34	7.79	6.34	8.45	6.78	8.73	6.63
	28	5.25	5.04	5.79	5.53	6.89	6.23	7.38	6.31	7.69	6.30	8.31	6.74	8.59	6.58
30	5.25	5.04	5.78	5.53	6.83	6.21	7.31	6.28	7.60	6.27	8.19	6.69	8.46	6.54	
32	5.25	5.04	5.77	5.52	6.78	6.19	7.24	6.25	7.51	6.24	8.06	6.65	8.33	6.51	
34	5.25	5.04	5.75	5.52	6.76	6.18	7.15	6.21	7.39	6.19	7.89	6.60	8.16	6.44	
35	5.25	5.04	5.74	5.51	6.75	6.18	7.10	6.20	7.33	6.17	7.80	6.55	8.08	6.42	
36	5.25	5.04	5.73	5.50	6.69	6.14	7.06	6.18	7.26	6.15	7.66	6.51	7.92	6.38	
38	5.25	5.04	5.72	5.49	6.59	6.08	6.99	6.16	7.12	6.10	7.38	6.43	7.61	6.27	
39	5.25	5.04	5.71	5.48	6.54	6.06	6.96	6.15	7.05	6.08	7.24	6.37	7.45	6.23	
41	5.25	5.04	5.69	5.46	6.35	5.99	6.67	6.00	6.76	5.93	6.92	6.27	7.10	6.12	
43	5.25	5.04	5.67	5.44	6.15	5.90	6.39	5.91	6.46	5.84	6.60	6.16	6.75	6.02	

Heating Mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		
P-Hi	-19.8	-20	4.64	4.64	4.64	4.64	4.64	4.64	
	-17.8	-18	4.94	4.94	4.94	4.94	4.94		
	-15.7	-16	5.24	5.24	5.24	5.24	5.24		
	-13.7	-14	5.54	5.54	5.54	5.54	5.54		
	-11.7	-12	5.83	5.83	5.83	5.83	5.83		
	-9.6	-10	6.13	6.13	6.13	6.13	6.13		
	-7.5	-8	6.51	6.51	6.51	6.51	6.51		
	-5.5	-6	6.88	6.88	6.88	6.88	6.88		
	-3.4	-4	7.12	7.11	7.10	7.03	6.96		
	-1.3	-2	7.36	7.34	7.32	7.18	7.04		
0.8	0	7.76	7.65	7.54	7.27	7.00			
3.9	3	8.42	8.12	7.82	7.38	6.94			
7.0	6	9.20	8.60	8.00	7.44	6.88			
10.1	9	9.14	8.56	7.97	7.40	6.82			
13.2	12	9.08	8.50	7.92	7.34	6.76			
16.9	15.5	9.01	8.43	7.85	7.27	6.69			

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			5.21	4.31	6.22	4.85	6.73	4.97	7.16	5.04	8.02	5.44	8.33	5.31
	12			5.21	4.31	6.22	4.85	6.73	4.97	7.15	5.03	7.99	5.43	8.29	5.29
	14			5.21	4.31	6.22	4.85	6.73	4.97	7.14	5.03	7.96	5.42	8.26	5.28
	16			5.21	4.31	6.22	4.85	6.73	4.97	7.13	5.03	7.93	5.41	8.22	5.26
	18			5.21	4.31	6.22	4.85	6.73	4.97	7.12	5.02	7.91	5.40	8.19	5.25
	20			5.21	4.31	6.22	4.85	6.73	4.97	7.11	5.02	7.88	5.39	8.15	5.24
	22			5.20	4.30	6.22	4.85	6.73	4.97	7.08	5.00	7.78	5.34	8.04	5.20
	24			5.19	4.30	6.22	4.85	6.73	4.97	7.05	4.99	7.68	5.31	7.93	5.17
	26			5.19	4.30	6.19	4.84	6.67	4.95	6.96	4.95	7.56	5.27	7.81	5.12
	28	4.70	4.24	5.18	4.29	6.16	4.82	6.60	4.92	6.88	4.92	7.44	5.22	7.68	5.08
30	4.70	4.24	5.17	4.29	6.11	4.80	6.54	4.89	6.80	4.89	7.32	5.17	7.57	5.04	
32	4.70	4.24	5.16	4.29	6.06	4.78	6.48	4.87	6.72	4.85	7.21	5.13	7.45	5.00	
34	4.70	4.24	5.14	4.28	6.04	4.78	6.39	4.82	6.61	4.80	7.06	5.08	7.30	4.95	
35	4.70	4.24	5.13	4.27	6.03	4.77	6.35	4.80	6.56	4.78	6.98	5.05	7.22	4.92	
36	4.70	4.24	5.12	4.27	5.99	4.76	6.32	4.79	6.50	4.75	6.85	5.00	7.08	4.88	
38	4.70	4.24	5.11	4.26	5.90	4.72	6.25	4.76	6.37	4.71	6.60	4.91	6.80	4.78	
39	4.70	4.24	5.11	4.26	5.85	4.70	6.22	4.75	6.31	4.69	6.48	4.87	6.66	4.74	
41	4.70	4.24	5.09	4.26	5.68	4.63	5.97	4.65	6.04	4.59	6.19	4.77	6.35	4.63	
43	4.70	4.24	5.07	4.25	5.50	4.56	5.72	4.56	5.78	4.49	5.90	4.66	6.04	4.51	

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		
Hi	-19.8	-20	4.21	4.21	4.21	4.21	4.21	4.21	
	-17.8	-18	4.48	4.48	4.48	4.48	4.48		
	-15.7	-16	4.75	4.75	4.75	4.75	4.75		
	-13.7	-14	5.02	5.02	5.02	5.02	5.02		
	-11.7	-12	5.29	5.29	5.29	5.29	5.29		
	-9.6	-10	5.56	5.56	5.56	5.56	5.56		
	-7.5	-8	5.90	5.90	5.90	5.90	5.90		
	-5.5	-6	6.24	6.24	6.24	6.24	6.24		
	-3.4	-4	6.45	6.44	6.43	6.37	6.31		
	-1.3	-2	6.67	6.65	6.63	6.51	6.38		
0.8	0	7.03	6.93	6.83	6.59	6.34			
3.9	3	7.63	7.36	7.09	6.69	6.29			
7.0	6	8.34	7.79	7.25	6.74	6.24			
10.1	9	8.28	7.75	7.22	6.70	6.18			
13.2	12	8.23	7.70	7.18	6.65	6.13			
16.9	15.5	8.17	7.64	7.11	6.59	6.06			

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			4.42	3.60	5.28	4.07	5.71	4.16	6.08	4.22	6.81	4.56	7.07	4.45
	12			4.42	3.60	5.28	4.07	5.71	4.16	6.07	4.22	6.78	4.55	7.04	4.43
	14			4.42	3.60	5.28	4.07	5.71	4.16	6.06	4.21	6.76	4.54	7.01	4.42
	16			4.42	3.60	5.28	4.07	5.71	4.16	6.05	4.21	6.74	4.53	6.98	4.41
	18			4.42	3.60	5.28	4.07	5.71	4.16	6.05	4.21	6.71	4.52	6.95	4.40
	20			4.42	3.60	5.28	4.07	5.71	4.16	6.04	4.20	6.69	4.51	6.92	4.39
	22			4.41	3.60	5.28	4.07	5.71	4.16	6.01	4.19	6.60	4.48	6.82	4.36
	24			4.41	3.60	5.28	4.07	5.71	4.16	5.98	4.18	6.52	4.45	6.73	4.32
	26			4.40	3.59	5.25	4.06	5.66	4.14	5.91	4.15	6.41	4.40	6.63	4.29
	28	3.99	3.55	4.40	3.59	5.23	4.05	5.61	4.12	5.84	4.12	6.31	4.37	6.52	4.25
30	3.99	3.55	4.39	3.59	5.19	4.03	5.55	4.10	5.77	4.09	6.21	4.33	6.42	4.21	
32	3.99	3.55	4.38	3.58	5.15	4.00	5.50	4.08	5.70	4.07	6.12	4.29	6.33	4.18	
34	3.99	3.55	4.36	3.58	5.13	4.00	5.43	4.05	5.61	4.03	5.99	4.25	6.20	4.14	
35	3.99	3.55	4.36	3.58	5.12	3.99	5.39	4.03	5.57	4.02	5.92	4.22	6.13	4.12	
36	3.99	3.55	4.35	3.57	5.08	3.98	5.36	4.02	5.51	3.99	5.82	4.19	6.01	4.07	
38	3.99	3.55	4.34	3.57	5.00	3.94	5.31	3.98	5.41	3.94	5.61	4.11	5.77	4.00	
39	3.99	3.55	4.33	3.56	4.97	3.93	5.28	3.97	5.35	3.91	5.50	4.07	5.65	3.95	
41	3.99	3.55	4.32	3.56	4.82	3.87	5.07	3.89	5.13	3.83	5.26	3.98	5.39	3.87	
43	3.99	3.55	4.30	3.55	4.67	3.81	4.85	3.81	4.90	3.75	5.01	3.89	5.12	3.78	

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		
Me	-19.8	-20	3.43	3.43	3.43	3.43	3.43	3.43	
	-17.8	-18	3.65	3.65	3.65	3.65	3.65		
	-15.7	-16	3.87	3.87	3.87	3.87	3.87		
	-13.7	-14	4.09	4.09	4.09	4.09	4.09		
	-11.7	-12	4.31	4.31	4.31	4.31	4.31		
	-9.6	-10	4.53	4.53	4.53	4.53	4.53		
	-7.5	-8	4.81	4.81	4.81	4.81	4.81		
	-5.5	-6	5.08	5.08	5.08	5.08	5.08		
	-3.4	-4	5.26	5.25	5.25	5.19	5.14		
	-1.3	-2	5.44	5.42	5.41	5.30	5.20		
0.8	0	5.73	5.65	5.57	5.37	5.17			
3.9	3	6.22	6.00	5.78	5.45	5.13			
7.0	6	6.80	6.35	5.91					

Model **FDT90KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			7.38	7.08	8.82	8.02	9.54	8.15	10.15	8.21	11.37	8.87	11.80	8.69
	12			7.38	7.08	8.82	8.02	9.54	8.15	10.14	8.21	11.33	8.86	11.75	8.67
	14			7.38	7.08	8.82	8.02	9.54	8.15	10.12	8.20	11.29	8.84	11.70	8.66
	16			7.38	7.08	8.82	8.02	9.54	8.15	10.11	8.20	11.25	8.83	11.65	8.65
	18			7.38	7.08	8.82	8.02	9.54	8.15	10.09	8.19	11.20	8.82	11.60	8.63
	20			7.38	7.08	8.82	8.02	9.54	8.15	10.08	8.19	11.16	8.81	11.55	8.62
	22			7.37	7.08	8.82	8.02	9.54	8.15	10.03	8.17	11.02	8.77	11.39	8.57
	24			7.36	7.07	8.81	8.01	9.54	8.15	9.99	8.16	10.88	8.72	11.24	8.53
	26			7.35	7.06	8.77	7.98	9.45	8.10	9.87	8.12	10.71	8.67	11.06	8.49
	28	6.66	6.39	7.34	7.05	8.73	7.97	9.36	8.07	9.75	8.08	10.54	8.62	10.89	8.44
30	6.66	6.39	7.33	7.04	8.66	7.94	9.27	8.04	9.64	8.02	10.38	8.57	10.73	8.37	
32	6.66	6.39	7.31	7.02	8.60	7.92	9.18	8.01	9.53	7.99	10.22	8.53	10.56	8.33	
34	6.66	6.39	7.28	6.99	8.57	7.91	9.06	7.97	9.37	7.93	10.00	8.44	10.35	8.27	
35	6.66	6.39	7.27	6.98	8.55	7.90	9.00	7.92	9.30	7.91	9.89	8.41	10.24	8.24	
36	6.66	6.39	7.26	6.97	8.49	7.88	8.96	7.91	9.21	7.86	9.72	8.36	10.04	8.16	
38	6.66	6.39	7.25	6.96	8.36	7.83	8.87	7.88	9.03	7.80	9.36	8.23	9.64	8.03	
39	6.66	6.39	7.24	6.95	8.29	7.79	8.82	7.86	8.94	7.78	9.18	8.17	9.44	7.98	
41	6.66	6.39	7.21	6.92	8.04	7.70	8.46	7.72	8.56	7.63	8.77	8.03	9.00	7.84	
43	6.66	6.39	7.19	6.90	7.80	7.49	8.10	7.60	8.19	7.51	8.37	7.89	8.56	7.72	

Heating Mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature									
		°CDB		°CWB		°CDB		°CDB		°CDB	
		16	18	20	22	24	24	24	24	24	24
P-Hi	-19.8	-20	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	
	-17.8	-18	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	
	-15.7	-16	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	
	-13.7	-14	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	
	-11.7	-12	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	
	-9.6	-10	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	
	-7.5	-8	8.13	8.13	8.13	8.13	8.13	8.13	8.13	8.13	
	-5.5	-6	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	
	-3.4	-4	8.90	8.89	8.88	8.79	8.70	8.70	8.70	8.70	
	-1.3	-2	9.20	9.18	9.15	8.98	8.80	8.80	8.80	8.80	
0	0	9.70	9.56	9.43	9.09	8.75	8.75	8.75	8.75		
3.9	3	10.53	10.15	9.78	9.23	8.68	8.68	8.68	8.68		
7.0	6	11.50	10.75	10.00	9.30	8.60	8.60	8.60	8.60		
10.1	9	11.43	10.69	9.96	9.24	8.53	8.53	8.53	8.53		
13.2	12	11.35	10.63	9.90	9.18	8.45	8.45	8.45	8.45		
16.9	15.5	11.26	10.54	9.81	9.09	8.36	8.36	8.36	8.36		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			6.67	5.91	7.98	6.70	8.63	6.83	9.18	6.90	10.28	7.47	10.68	7.30
	12			6.67	5.91	7.98	6.70	8.63	6.83	9.17	6.90	10.25	7.46	10.63	7.28
	14			6.67	5.91	7.98	6.70	8.63	6.83	9.16	6.89	10.21	7.44	10.58	7.27
	16			6.67	5.91	7.98	6.70	8.63	6.83	9.14	6.88	10.17	7.43	10.54	7.26
	18			6.67	5.91	7.98	6.70	8.63	6.83	9.13	6.88	10.13	7.42	10.49	7.24
	20			6.67	5.91	7.98	6.70	8.63	6.83	9.12	6.88	10.10	7.40	10.45	7.23
	22			6.66	5.91	7.97	6.70	8.63	6.83	9.08	6.86	9.97	7.36	10.30	7.13
	24			6.65	5.90	7.97	6.70	8.63	6.83	9.03	6.84	9.84	7.32	10.16	7.09
	26			6.65	5.90	7.93	6.68	8.55	6.80	8.93	6.81	9.69	7.22	10.01	7.04
	28	6.02	5.78	6.64	5.90	7.90	6.67	8.47	6.77	8.82	6.77	9.53	7.17	9.85	7.00
30	6.02	5.78	6.63	5.89	7.83	6.64	8.38	6.74	8.72	6.73	9.39	7.12	9.70	6.95	
32	6.02	5.78	6.61	5.89	7.77	6.62	8.30	6.69	8.62	6.69	9.24	7.07	9.55	6.90	
34	6.02	5.78	6.59	5.88	7.75	6.61	8.19	6.65	8.48	6.63	9.05	7.01	9.36	6.84	
35	6.02	5.78	6.58	5.87	7.73	6.60	8.14	6.63	8.41	6.60	8.95	6.97	9.26	6.81	
36	6.02	5.78	6.57	5.87	7.67	6.58	8.10	6.62	8.33	6.58	8.79	6.92	9.08	6.76	
38	6.02	5.78	6.55	5.86	7.56	6.54	8.02	6.59	8.17	6.52	8.47	6.81	8.72	6.65	
39	6.02	5.78	6.54	5.86	7.50	6.51	7.98	6.57	8.09	6.49	8.31	6.76	8.54	6.60	
41	6.02	5.78	6.52	5.85	7.27	6.41	7.65	6.45	7.75	6.37	7.94	6.64	8.14	6.48	
43	6.02	5.78	6.50	5.84	7.05	6.32	7.33	6.32	7.41	6.23	7.57	6.52	7.74	6.36	

Air flow	Outdoor air temperature	Indoor air temperature									
		°CDB		°CWB		°CDB		°CDB		°CDB	
		16	18	20	22	24	24	24	24	24	24
Hi	-19.8	-20	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
	-17.8	-18	5.59	5.59	5.59	5.59	5.59	5.59	5.59	5.59	
	-15.7	-16	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	
	-13.7	-14	6.27	6.27	6.27	6.27	6.27	6.27	6.27	6.27	
	-11.7	-12	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61	
	-9.6	-10	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	
	-7.5	-8	7.37	7.37	7.37	7.37	7.37	7.37	7.37	7.37	
	-5.5	-6	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	
	-3.4	-4	8.06	8.05	8.04	7.96	7.88	7.88	7.88	7.88	
	-1.3	-2	8.34	8.31	8.29	8.13	7.97	7.97	7.97	7.97	
0	0	8.79	8.66	8.54	8.23	7.93	7.93	7.93	7.93		
3.9	3	9.54	9.20	8.86	8.36	7.86	7.86	7.86	7.86		
7.0	6	10.42	9.74	9.06	8.46	7.79	7.79	7.79	7.79		
10.1	9	10.35	9.69	9.03	8.37	7.72	7.72	7.72	7.72		
13.2	12	10.28	9.63	8.97	8.31	7.66	7.66	7.66	7.66		
16.9	15.5	10.20	9.55	8.89	8.23	7.58	7.58	7.58	7.58		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			6.07	5.31	7.26	6.00	7.85	6.11	8.36	6.19	9.36	6.69	9.72	6.54
	12			6.07	5.31	7.26	6.00	7.85	6.11	8.35	6.18	9.33	6.68	9.68	6.51
	14			6.07	5.31	7.26	6.00	7.85	6.11	8.33	6.18	9.29	6.67	9.64	6.50
	16			6.07	5.31	7.26	6.00	7.85	6.11	8.32	6.17	9.26	6.66	9.59	6.48
	18			6.07	5.31	7.26	6.00	7.85	6.11	8.31	6.17	9.23	6.65	9.55	6.47
	20			6.07	5.31	7.26	6.00	7.85	6.11	8.30	6.17	9.19	6.62	9.51	6.46
	22			6.07	5.31	7.26	6.00	7.85	6.11	8.26	6.15	9.08	6.58	9.38	6.42
	24			6.06	5.30	7.26	6.00	7.85	6.11	8.22	6.14	8.96	6.54	9.25	6.38
	26			6.05	5.30	7.22	5.98	7.78	6.08	8.13	6.09	8.82	6.49	9.11	6.29
	28	5.48	5.23	6.05	5.30	7.19	5.96	7.71	6.06	8.03	6.05	8.68	6.45	8.97	6.25
30	5.48	5.23	6.03	5.29	7.13	5.94	7.63	6.03	7.94	6.02	8.54	6.36	8.83	6.21	
32	5.48	5.23	6.02	5.28	7.08	5.92	7.56	6.00	7.84	5.98	8.41	6.32	8.70	6.17	
34	5.48	5.23	6.00	5.28	7.05	5.91	7.46	5.96	7.72	5.94	8.23	6.26	8.52	6.11	
35	5.48	5.23	5.99	5.27	7.04	5.90	7.41	5.94	7.66	5.92	8.15	6.23	8.43	6.08	
36	5.48	5.23	5.98	5.27	6.99	5.88	7.37	5.93	7.58	5.89	8.00	6.18	8.26	6.03	
38	5.48	5.23	5.97	5.26	6.88	5.84	7.30	5.89	7.43	5.82	7.71	6.08	7.94	5.93	
39	5.48	5.23	5.96	5.26	6.83	5.82	7.26	5.87	7.36	5.80	7.56	6.03	7.77	5.88	
41	5.48	5.23	5.94	5.25	6.62	5.74	6.97	5.76	7.05	5.69	7.22	5.92	7.41	5.77	
43	5.48	5.23	5.92	5.24	6.42	5.65	6.67	5.65	6.74	5.57	6.89	5.81	7.04	5.66	

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Model		FDT112KXZE1														Cooling Mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi	10			9.18	8.37	10.97	9.44	11.87	9.60	12.63	9.69	14.15	10.49	14.69	10.25				
	12			9.18	8.37	10.97	9.44	11.87	9.60	12.61	9.68	14.10	10.47	14.63	10.23				
	14			9.18	8.37	10.97	9.44	11.87	9.60	12.60	9.68	14.05	10.45	14.56	10.22				
	16			9.18	8.37	10.97	9.44	11.87	9.60	12.58	9.67	14.00	10.44	14.50	10.20				
	18			9.18	8.37	10.97	9.44	11.87	9.60	12.56	9.66	13.94	10.42	14.44	10.18				
	20			9.18	8.37	10.97	9.44	11.87	9.60	12.55	9.66	13.89	10.40	14.37	10.16				
	22			9.17	8.36	10.97	9.44	11.87	9.60	12.49	9.64	13.72	10.35	14.18	10.10				
	24			9.15	8.35	10.97	9.44	11.87	9.60	12.43	9.62	13.54	10.29	13.98	10.04				
	26			9.15	8.35	10.92	9.43	11.76	9.56	12.28	9.57	13.33	10.22	13.77	9.98				
	28	8.29	7.96	9.14	8.35	10.86	9.40	11.65	9.52	12.14	9.52	13.11	10.15	13.55	9.92				
30	8.29	7.96	9.12	8.34	10.78	9.35	11.54	9.48	12.00	9.46	12.91	10.08	13.35	9.86					
32	8.29	7.96	9.09	8.33	10.70	9.32	11.42	9.44	11.85	9.41	12.71	10.02	13.15	9.78					
34	8.29	7.96	9.06	8.32	10.66	9.31	11.27	9.38	11.66	9.35	12.45	9.92	12.87	9.69					
35	8.29	7.96	9.05	8.31	10.64	9.30	11.20	9.36	11.57	9.32	12.31	9.87	12.74	9.66					
36	8.29	7.96	9.04	8.31	10.56	9.27	11.14	9.34	11.46	9.28	12.09	9.80	12.49	9.59					
38	8.29	7.96	9.02	8.30	10.40	9.21	11.03	9.30	11.24	9.18	11.65	9.64	12.00	9.42					
39	8.29	7.96	9.00	8.29	10.32	9.18	10.98	9.26	11.13	9.14	11.43	9.57	11.75	9.35					
41	8.29	7.96	8.97	8.28	10.01	9.07	10.53	9.10	10.66	8.98	10.92	9.39	11.20	9.17					
43	8.29	7.96	8.94	8.27	9.70	8.93	10.08	8.91	10.19	8.80	10.41	9.23	10.65	9.01					

Model		FDT112KXZE1														Heating Mode		(kW)	
Air flow	Outdoor air temperature	Indoor air temperature														TC	SHC		
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi	-19.8	-20	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25				
	-17.8	-18	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72				
	-15.7	-16	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18				
	-13.7	-14	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65				
	-11.7	-12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12				
	-9.6	-10	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58				
	-7.5	-8	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17				
	-5.5	-6	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75				
	-3.4	-4	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13				
	-1.3	-2	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50				
0.8	0	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13	12.13					
3.9	3	13.16	13.16	12.69	12.22	11.78	11.31	10.84	10.37	9.90	9.43	8.96	8.49	8.02					
7.0	6	14.38	13.44	12.50	11.63	10.76	9.89	9.02	8.15	7.28	6.41	5.54	4.67	3.80					
10.1	9	14.28	13.37	12.45	11.55	10.66	9.77	8.88	8.00	7.11	6.22	5.33	4.44	3.55					
13.2	12	14.19	13.28	12.38	11.47	10.58	9.69	8.80	7.91	7.02	6.13	5.24	4.35	3.46					
16.9	15.5	14.08	13.17	12.27	11.36	10.45	9.56	8.67	7.78	6.89	6.00	5.11	4.22	3.33					

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Hi	10			8.17	6.78	9.77	7.66	10.57	7.83	11.24	7.92	12.59	8.54	13.08	8.33		
	12			8.17	6.78	9.77	7.66	10.57	7.83	11.23	7.92	12.55	8.53	13.02	8.31		
	14			8.17	6.78	9.77	7.66	10.57	7.83	11.21	7.91	12.50	8.51	12.96	8.30		
	16			8.17	6.78	9.77	7.66	10.57	7.83	11.20	7.91	12.46	8.50	12.91	8.28		
	18			8.17	6.78	9.77	7.66	10.57	7.83	11.18	7.90	12.41	8.48	12.85	8.26		
	20			8.17	6.78	9.77	7.66	10.57	7.83	11.17	7.90	12.37	8.46	12.80	8.24		
	22			8.16	6.77	9.77	7.66	10.57	7.83	11.12	7.88	12.21	8.41	12.62	8.18		
	24			8.15	6.77	9.76	7.65	10.57	7.83	11.06	7.85	12.05	8.35	12.45	8.12		
	26			8.14	6.76	9.72	7.64	10.47	7.78	10.93	7.80	11.86	8.28	12.26	8.06		
	28	7.38	6.68	8.14	6.76	9.67	7.62	10.37	7.74	10.80	7.75	11.67	8.21	12.06	8.00		
30	7.38	6.68	8.12	6.75	9.60	7.59	10.27	7.70	10.68	7.69	11.50	8.15	11.88	7.94			
32	7.38	6.68	8.10	6.75	9.52	7.55	10.17	7.66	10.55	7.64	11.32	8.09	11.70	7.86			
34	7.38	6.68	8.07	6.73	9.49	7.54	10.04	7.61	10.38	7.58	11.08	7.99	11.46	7.79			
35	7.38	6.68	8.06	6.73	9.47	7.53	9.97	7.58	10.30	7.55	10.96	7.94	11.34	7.75			
36	7.38	6.68	8.05	6.72	9.40	7.51	9.92	7.56	10.20	7.51	10.76	7.88	11.12	7.68			
38	7.38	6.68	8.03	6.72	9.26	7.45	9.82	7.52	10.00	7.43	10.37	7.84	10.68	7.54			
39	7.38	6.68	8.02	6.71	9.19	7.41	9.77	7.50	9.90	7.39	10.17	7.67	10.46	7.45			
41	7.38	6.68	7.99	6.70	8.91	7.29	9.37	7.33	9.49	7.23	9.72	7.50	9.97	7.30			
43	7.38	6.68	7.96	6.69	8.64	7.16	8.97	7.15	9.07	7.04	9.27	7.35	9.48	7.15			

Air flow	Outdoor air temperature	Indoor air temperature														TC	SHC
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Hi	-19.8	-20	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54	6.54		
	-17.8	-18	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96		
	-15.7	-16	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38	7.38		
	-13.7	-14	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81		
	-11.7	-12	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23		
	-9.6	-10	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65		
	-7.5	-8	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17	9.17		
	-5.5	-6	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70	9.70		
	-3.4	-4	10.04	10.03	10.01	9.91	9.81	9.71	9.61	9.51	9.41	9.31	9.21	9.11	9.01		
	-1.3	-2	10.38	10.35	10.32	10.12	9.93	9.74	9.55	9.36	9.17	8.98	8.79	8.60	8.41		
0.8	0	10.94	10.79	10.63	10.25	9.87	9.49	9.11	8.73	8.35	7.97	7.59	7.21	6.83			
3.9	3	11.87	11.45	11.03	10.41	9.79	9.17	8.55	7.93	7.31	6.69	6.07	5.45	4.83			
7.0	6	12.97	12.13	11.28	10.49	9.70	8.86	8.02	7.18	6.34	5.50	4.66	3.82	2.98			
10.1	9	12.89	12.06	11.24	10.43	9.62	8.78	7.94	7.10	6.26	5.42	4.58	3.74	2.90			
13.2	12	12.80	11.99	11.17	10.35	9.53	8.70	7.88	7.05	6.23	5.40	4.57	3.74	2.91			
16.9	15.5	12.70	11.89	11.07	10.25	9.43	8.61	7.79	6.97	6.15	5.33	4.51	3.69	2.87			

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Me	10			7.63	6.1												

Model **FDT140KXZE1** Cooling Mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			11.48	9.60	13.72	10.86	14.84	11.07	15.79	11.22	17.69	12.12	18.36	11.82
	12			11.48	9.60	13.72	10.86	14.84	11.07	15.79	11.21	17.62	12.09	18.28	11.79
	14			11.48	9.60	13.72	10.86	14.84	11.07	15.75	11.20	17.56	12.07	18.20	11.77
	16			11.48	9.60	13.72	10.86	14.84	11.07	15.72	11.19	17.49	12.05	18.13	11.75
	18			11.48	9.60	13.72	10.86	14.84	11.07	15.70	11.18	17.43	12.02	18.05	11.72
	20			11.48	9.60	13.72	10.86	14.84	11.07	15.68	11.17	17.37	12.00	17.97	11.69
	22			11.46	9.59	13.71	10.85	14.84	11.07	15.61	11.15	17.15	11.92	17.72	11.59
	24			11.44	9.58	13.71	10.85	14.84	11.07	15.54	11.12	16.93	11.85	17.48	11.51
	26			11.43	9.58	13.64	10.82	14.70	11.02	15.35	11.05	16.66	11.73	17.21	11.43
	28	10.36	9.46	11.42	9.58	13.58	10.80	14.56	10.96	15.17	10.96	16.39	11.63	16.94	11.34
30	10.36	9.46	11.40	9.57	13.48	10.74	14.42	10.91	14.99	10.90	16.14	11.55	16.69	11.24	
32	10.36	9.46	11.37	9.55	13.37	10.70	14.28	10.85	14.82	10.83	15.89	11.44	16.43	11.16	
34	10.36	9.46	11.33	9.54	13.32	10.68	14.09	10.78	14.58	10.74	15.56	11.33	16.09	11.05	
35	10.36	9.46	11.31	9.53	13.30	10.67	14.00	10.74	14.46	10.70	15.39	11.27	15.92	11.00	
36	10.36	9.46	11.30	9.52	13.20	10.63	13.93	10.72	14.32	10.64	15.11	11.17	15.61	10.83	
38	10.36	9.46	11.27	9.51	13.00	10.55	13.79	10.64	14.05	10.52	14.56	10.92	15.00	10.64	
39	10.36	9.46	11.26	9.51	12.90	10.51	13.72	10.62	13.91	10.47	14.28	10.83	14.69	10.55	
41	10.36	9.46	11.22	9.49	12.51	10.35	13.16	10.40	13.32	10.25	13.65	10.62	14.00	10.33	
43	10.36	9.46	11.18	9.47	12.13	10.18	12.60	10.17	12.74	10.02	13.02	10.40	13.31	10.12	

Heating Mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		
P-Hi	-19.8	-20	9.28	9.28	9.28	9.28	9.28	9.28	
	-17.8	-18	9.88	9.88	9.88	9.88	9.88	9.88	
	-15.7	-16	10.47	10.47	10.47	10.47	10.47	10.47	
	-13.7	-14	11.07	11.07	11.07	11.07	11.07	11.07	
	-11.7	-12	11.67	11.67	11.67	11.67	11.67	11.67	
	-9.6	-10	12.27	12.27	12.27	12.27	12.27	12.27	
	-7.5	-8	13.01	13.01	13.01	13.01	13.01	13.01	
	-5.5	-6	13.76	13.76	13.76	13.76	13.76	13.76	
	-3.4	-4	14.24	14.24	14.24	14.24	14.24	14.24	
	-1.3	-2	14.72	14.68	14.64	14.36	14.08	14.08	
0.8	0	15.52	15.30	15.08	14.54	14.00	14.00		
3.9	3	16.84	16.24	15.64	14.76	13.88	13.88		
7.0	6	18.40	17.20	16.00	14.88	13.76	13.76		
10.1	9	18.28	17.11	15.94	14.79	13.64	13.64		
13.2	12	18.16	17.00	15.84	14.68	13.52	13.52		
16.9	15.5	18.02	16.86	15.70	14.54	13.38	13.38		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			10.28	7.96	12.29	9.02	13.29	9.25	14.14	9.38	15.84	10.12	16.45	9.84
	12			10.28	7.96	12.29	9.02	13.29	9.25	14.12	9.37	15.78	10.08	16.38	9.81
	14			10.28	7.96	12.29	9.02	13.29	9.25	14.10	9.36	15.73	10.06	16.31	9.79
	16			10.28	7.96	12.29	9.02	13.29	9.25	14.08	9.35	15.67	10.04	16.24	9.76
	18			10.28	7.96	12.29	9.02	13.29	9.25	14.07	9.35	15.61	10.02	16.16	9.73
	20			10.28	7.96	12.29	9.02	13.29	9.25	14.05	9.34	15.55	9.99	16.09	9.71
	22			10.26	7.95	12.28	9.02	13.29	9.25	13.98	9.31	15.36	9.92	15.87	9.63
	24			10.25	7.95	12.28	9.02	13.29	9.25	13.92	9.28	15.16	9.84	15.65	9.51
	26			10.24	7.94	12.22	8.99	13.17	9.18	13.75	9.21	14.92	9.74	15.41	9.43
	28	9.28	7.83	10.23	7.94	12.16	8.96	13.04	9.13	13.59	9.15	14.68	9.62	15.17	9.35
30	9.28	7.83	10.21	7.93	12.07	8.91	12.92	9.08	13.43	9.07	14.46	9.54	14.95	9.27	
32	9.28	7.83	10.18	7.92	11.98	8.87	12.79	9.02	13.27	9.01	14.24	9.45	14.72	9.19	
34	9.28	7.83	10.15	7.90	11.93	8.85	12.62	8.95	13.06	8.92	13.93	9.34	14.42	9.09	
35	9.28	7.83	10.13	7.89	11.91	8.84	12.54	8.92	12.95	8.88	13.78	9.28	14.26	9.03	
36	9.28	7.83	10.12	7.89	11.82	8.80	12.48	8.89	12.83	8.83	13.54	9.20	13.99	8.94	
38	9.28	7.83	10.09	7.88	11.64	8.73	12.35	8.84	12.58	8.72	13.04	9.01	13.43	8.76	
39	9.28	7.83	10.08	7.87	11.55	8.69	12.29	8.80	12.46	8.67	12.79	8.92	13.16	8.67	
41	9.28	7.83	10.05	7.86	11.21	8.55	11.79	8.60	11.93	8.46	12.23	8.72	12.54	8.45	
43	9.28	7.83	10.01	7.84	10.86	8.39	11.29	8.38	11.41	8.25	11.66	8.50	11.92	8.25	

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		
Hi	-19.8	-20	7.81	7.81	7.81	7.81	7.81	7.81	
	-17.8	-18	8.32	8.32	8.32	8.32	8.32	8.32	
	-15.7	-16	8.82	8.82	8.82	8.82	8.82	8.82	
	-13.7	-14	9.32	9.32	9.32	9.32	9.32	9.32	
	-11.7	-12	9.82	9.82	9.82	9.82	9.82	9.82	
	-9.6	-10	10.33	10.33	10.33	10.33	10.33	10.33	
	-7.5	-8	10.96	10.96	10.96	10.96	10.96	10.96	
	-5.5	-6	11.58	11.58	11.58	11.58	11.58	11.58	
	-3.4	-4	11.99	11.97	11.95	11.84	11.72	11.72	
	-1.3	-2	12.39	12.36	12.33	12.09	11.85	11.85	
0.8	0	13.07	12.88	12.70	12.24	11.79	11.79		
3.9	3	14.18	13.67	13.17	12.43	11.69	11.69		
7.0	6	15.49	14.48	13.47	12.53	11.58	11.58		
10.1	9	15.39	14.40	13.42	12.45	11.48	11.48		
13.2	12	15.29	14.31	13.34	12.36	11.38	11.38		
16.9	15.5	15.17	14.19	13.22	12.24	11.26	11.26		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			9.38	7.20	11.21	8.16	12.13	8.37	12.90	8.50	14.45	9.16	15.01	8.91
	12			9.38	7.20	11.21	8.16	12.13	8.37	12.88	8.49	14.40	9.14	14.94	8.89
	14			9.38	7.20	11.21	8.16	12.13	8.37	12.87	8.48	14.35	9.12	14.88	8.86
	16			9.38	7.20	11.21	8.16	12.13	8.37	12.85	8.48	14.29	9.09	14.81	8.83
	18			9.38	7.20	11.21	8.16	12.13	8.37	12.83	8.47	14.24	9.07	14.75	8.81
	20			9.38	7.20	11.21	8.16	12.13	8.37	12.81	8.45	14.19	9.05	14.68	8.78
	22			9.36	7.19	11.21	8.16	12.13	8.37	12.75	8.42	14.01	8.97	14.48	8.71
	24			9.35	7.19	11.20	8.15	12.13	8.37	12.69	8.40	13.83	8.90	14.28	8.64
	26			9.34	7.18	11.15	8.13	12.01	8.32	12.55	8.34	13.61	8.82	14.06	8.55
	28	8.47	7.09	9.34	7.18	11.10	8.11	11.90	8.27	12.40	8.28	13.39	8.73	13.84	8.45
30	8.47	7.09	9.31	7.17	11.01	8.07	11.78	8.21	12.25	8.22	13.19	8.62	13.64	8.38	
32	8.47	7.09	9.29	7.16	10.93	8.03	11.67	8.16	12.11	8.16	12.99	8.55	13.43	8.30	
34	8.47	7.09	9.26	7.15	10.89	8.02	11.52	8.10	11.91	8.07	12.71	8.44	13.15	8.21	
35	8.47	7.09	9.24	7.14	10.87	8.01	11.44	8.06	11.82	8.03	12.58	8.39	13.01	8.16	
36	8.47	7.09	9.23	7.13	10.79	7.96	11.38	8.04	11.70	7.98	12.35	8.31	12.76	8.08	
38	8.47	7.09	9.21	7.12	10.62	7.89	11.27	7.99	11.48	7.89	11.90	8.14	12.25	7.90	
39	8.47	7.09	9.20	7.12	10.54	7.86	11.21	7.97	11.36	7.85	11.67	8.06	12.00	7.82	
41	8.47	7.09	9.17	7.11	10.22	7.72	10.75	7.77	10.89	7.65	11.15	7.87	11.44	7.64	
43	8.47	7.09	9.13	7.09	9.91	7.58	10.30	7.58	10.41	7.46	10.64	7.67	10.88	7.44	

Air flow	Outdoor air temperature	Indoor air temperature							
		°CDB		°CWB		°CDB		°CWB	
		16	18	20	22	24	24		

Model		FDTC22KXZE1														Cooling mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi	10			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.78	2.39	2.89	2.34				
	12			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.77	2.39	2.87	2.34				
	14			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.76	2.38	2.86	2.33				
	16			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.75	2.38	2.85	2.33				
	18			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.74	2.38	2.84	2.33				
	20			1.80	1.73	2.16	2.07	2.33	2.18	2.46	2.19	2.73	2.37	2.82	2.32				
	22			1.80	1.73	2.15	2.06	2.33	2.18	2.45	2.19	2.69	2.36	2.78	2.31				
	24			1.80	1.73	2.15	2.06	2.33	2.18	2.44	2.18	2.66	2.35	2.75	2.30				
	26			1.80	1.73	2.14	2.05	2.31	2.17	2.41	2.17	2.62	2.34	2.70	2.29				
	28	1.63	1.56	1.80	1.73	2.13	2.04	2.29	2.17	2.38	2.16	2.58	2.32	2.66	2.27				
30	1.63	1.56	1.79	1.72	2.12	2.04	2.27	2.16	2.36	2.16	2.54	2.31	2.62	2.26					
32	1.63	1.56	1.79	1.72	2.10	2.02	2.24	2.15	2.33	2.14	2.50	2.30	2.58	2.25					
34	1.63	1.56	1.78	1.71	2.09	2.01	2.21	2.12	2.29	2.13	2.44	2.28	2.53	2.24					
35	1.63	1.56	1.78	1.71	2.09	2.01	2.20	2.11	2.27	2.12	2.42	2.27	2.50	2.23					
36	1.63	1.56	1.78	1.71	2.07	1.99	2.19	2.10	2.25	2.12	2.37	2.26	2.45	2.21					
38	1.63	1.56	1.77	1.70	2.04	1.96	2.17	2.08	2.21	2.10	2.29	2.20	2.36	2.19					
39	1.63	1.56	1.77	1.70	2.03	1.95	2.16	2.07	2.19	2.10	2.24	2.15	2.31	2.17					
41	1.63	1.56	1.76	1.69	1.97	1.89	2.07	1.99	2.09	2.01	2.14	2.05	2.20	2.11					
43	1.63	1.56	1.76	1.69	1.91	1.83	1.98	1.90	2.00	1.92	2.05	1.97	2.09	2.01					

Model		FDTC22KXZE1														Heating mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi	10			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.78	2.39	2.89	2.34				
	12			1.80	1.73	2.16	2.07	2.33	2.18	2.48	2.20	2.77	2.39	2.87	2.34				
	14			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.76	2.38	2.86	2.33				
	16			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.75	2.38	2.85	2.33				
	18			1.80	1.73	2.16	2.07	2.33	2.18	2.47	2.19	2.74	2.38	2.84	2.33				
	20			1.80	1.73	2.16	2.07	2.33	2.18	2.46	2.19	2.73	2.37	2.82	2.32				
	22			1.80	1.73	2.15	2.06	2.33	2.18	2.45	2.19	2.69	2.36	2.78	2.31				
	24			1.80	1.73	2.15	2.06	2.33	2.18	2.44	2.18	2.66	2.35	2.75	2.30				
	26			1.80	1.73	2.14	2.05	2.31	2.17	2.41	2.17	2.62	2.34	2.70	2.29				
	28	1.63	1.56	1.80	1.73	2.13	2.04	2.29	2.17	2.38	2.16	2.58	2.32	2.66	2.27				
30	1.63	1.56	1.79	1.72	2.12	2.04	2.27	2.16	2.36	2.16	2.54	2.31	2.62	2.26					
32	1.63	1.56	1.79	1.72	2.10	2.02	2.24	2.15	2.33	2.14	2.50	2.30	2.58	2.25					
34	1.63	1.56	1.78	1.71	2.09	2.01	2.21	2.12	2.29	2.13	2.44	2.28	2.53	2.24					
35	1.63	1.56	1.78	1.71	2.09	2.01	2.20	2.11	2.27	2.12	2.42	2.27	2.50	2.23					
36	1.63	1.56	1.78	1.71	2.07	1.99	2.19	2.10	2.25	2.12	2.37	2.26	2.45	2.21					
38	1.63	1.56	1.77	1.70	2.04	1.96	2.17	2.08	2.21	2.10	2.29	2.20	2.36	2.19					
39	1.63	1.56	1.77	1.70	2.03	1.95	2.16	2.07	2.19	2.10	2.24	2.15	2.31	2.17					
41	1.63	1.56	1.76	1.69	1.97	1.89	2.07	1.99	2.09	2.01	2.14	2.05	2.20	2.11					
43	1.63	1.56	1.76	1.69	1.91	1.83	1.98	1.90	2.00	1.92	2.05	1.97	2.09	2.01					

Model		FDTC22KXZE1														Cooling mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
Hi	10			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.57	2.16	2.67	2.12				
	12			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.56	2.16	2.66	2.11				
	14			1.67	1.60	1.99	1.91	2.16	1.98	2.29	2.00	2.55	2.15	2.64	2.11				
	16			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.54	2.15	2.63	2.11				
	18			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.53	2.15	2.62	2.10				
	20			1.67	1.60	1.99	1.91	2.16	1.98	2.28	1.99	2.52	2.14	2.61	2.10				
	22			1.66	1.59	1.99	1.91	2.16	1.98	2.27	1.99	2.49	2.13	2.57	2.09				
	24			1.66	1.59	1.99	1.91	2.16	1.98	2.26	1.99	2.46	2.12	2.54	2.08				
	26			1.66	1.59	1.98	1.90	2.14	1.98	2.23	1.97	2.42	2.11	2.50	2.07				
	28	1.50	1.44	1.66	1.59	1.97	1.89	2.11	1.96	2.20	1.96	2.38	2.10	2.46	2.05				
30	1.50	1.44	1.66	1.59	1.96	1.88	2.09	1.96	2.18	1.96	2.34	2.09	2.42	2.04					
32	1.50	1.44	1.65	1.58	1.94	1.86	2.07	1.95	2.15	1.95	2.31	2.08	2.39	2.03					
34	1.50	1.44	1.65	1.58	1.94	1.86	2.05	1.94	2.12	1.94	2.26	2.06	2.34	2.02					
35	1.50	1.44	1.64	1.57	1.93	1.85	2.03	1.94	2.10	1.93	2.24	2.05	2.31	2.01					
36	1.50	1.44	1.64	1.57	1.92	1.84	2.02	1.93	2.08	1.92	2.20	2.04	2.27	2.00					
38	1.50	1.44	1.64	1.57	1.89	1.81	2.00	1.92	2.04	1.91	2.12	2.01	2.18	1.97					
39	1.50	1.44	1.64	1.57	1.87	1.80	1.99	1.91	2.02	1.90	2.07	1.99	2.13	1.96					
41	1.50	1.44	1.63	1.56	1.82	1.75	1.91	1.83	1.94	1.86	1.98	1.90	2.03	1.93					
43	1.50	1.44	1.62	1.56	1.76	1.69	1.83	1.76	1.85	1.78	1.89	1.81	1.93	1.85					

Model		FDTC22KXZE1														Heating mode		(kW)	
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														TC	SHC		
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC				
Hi	10			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	12			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	14			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	16			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	18			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	20			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	22			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	24			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	26			1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33				
	28	1.50	1.44	1.66	1.59	1.97	1.89	2.11	1.96	2.20	1.96	2.38	2.10	2.46	2.05				
30	1.50	1.44	1.66	1.59	1.96	1.88	2.09	1.96	2.18	1.96	2.34	2.09	2.42	2.04					
32	1.50	1.44	1.65	1.58	1.94	1.86	2.07	1.95	2.15	1.95	2.31	2.08	2.39	2.03					
34	1.50	1.44	1.65	1.58	1.94	1.86	2.05	1.94	2.12	1.94	2.26	2.06	2.34	2.02					
35	1.50	1.44	1.64	1.57	1.93	1.85	2.03	1.94	2.10	1.93	2.24	2.05	2.31	2.01					
36	1.50	1.44	1.64	1.57	1.92	1.84	2.02	1.93	2.08	1.92	2.20	2.04	2.27	2.00					
38	1.50	1.44	1.64	1.57	1.89	1.81	2.00	1.92	2.04	1.91	2.12	2.01	2.18	1.97					
39	1.50	1.44	1.64	1.57	1.87	1.80	1.99	1.91	2.02	1.90	2.07	1.99	2.13	1.96					
41	1.50	1.44	1.63	1.56	1.82	1.75	1.91												

Model		FDTC28KXZE1 Cooling mode (kW)														
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
P-Hi	10			2.30	2.11	2.74	2.38	2.97	2.42	3.16	2.45	3.54	2.65	3.67	2.59	
	12			2.30	2.11	2.74	2.38	2.97	2.42	3.15	2.45	3.52	2.65	3.66	2.59	
	14			2.30	2.11	2.74	2.38	2.97	2.42	3.15	2.45	3.51	2.64	3.64	2.58	
	16			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.50	2.64	3.63	2.58	
	18			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.49	2.64	3.61	2.57	
	20			2.30	2.11	2.74	2.38	2.97	2.42	3.14	2.44	3.47	2.63	3.59	2.57	
	22			2.29	2.11	2.74	2.38	2.97	2.42	3.12	2.44	3.43	2.62	3.54	2.55	
	24			2.29	2.11	2.74	2.38	2.97	2.42	3.11	2.43	3.39	2.60	3.50	2.54	
	9 (m/min)	26			2.29	2.11	2.73	2.38	2.94	2.41	3.07	2.42	3.33	2.58	3.44	2.52
		28	2.07	1.99	2.28	2.11	2.72	2.37	2.91	2.40	3.03	2.40	3.28	2.56	3.39	2.50
30		2.07	1.99	2.28	2.11	2.70	2.37	2.88	2.39	3.00	2.39	3.23	2.54	3.34	2.49	
32		2.07	1.99	2.27	2.10	2.67	2.35	2.86	2.38	2.96	2.37	3.18	2.53	3.29	2.47	
34		2.07	1.99	2.27	2.10	2.66	2.35	2.82	2.37	2.92	2.36	3.11	2.50	3.22	2.45	
35		2.07	1.99	2.26	2.10	2.66	2.35	2.80	2.36	2.89	2.35	3.08	2.49	3.18	2.44	
36		2.07	1.99	2.26	2.10	2.64	2.34	2.79	2.36	2.86	2.34	3.02	2.47	3.12	2.42	
38		2.07	1.99	2.25	2.09	2.60	2.33	2.76	2.34	2.81	2.32	2.91	2.44	3.00	2.38	
39		2.07	1.99	2.25	2.09	2.58	2.32	2.74	2.34	2.78	2.31	2.86	2.42	2.94	2.36	
41		2.07	1.99	2.24	2.09	2.50	2.29	2.63	2.30	2.66	2.27	2.73	2.37	2.80	2.32	
43	2.07	1.99	2.24	2.09	2.43	2.26	2.52	2.26	2.55	2.23	2.60	2.33	2.66	2.27		

Heating mode (kW)		Indoor air temperature											
Outdoor air temperature (°CDB)	°CWB	16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
P-Hi	-19.8	-20	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86		
	-17.8	-18	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98		
	-15.7	-16	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09		
	-13.7	-14	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21		
	-11.7	-12	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33		
	-9.6	-10	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45		
	-7.5	-8	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60		
	-5.5	-6	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75		
	-3.4	-4	2.85	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84		
	-1.3	-2	2.94	2.94	2.93	2.93	2.93	2.93	2.93	2.93	2.93		
9 (m/min)	0.8	0	3.10	3.06	3.02	3.02	3.02	3.02	3.02	3.02	3.02		
	3.9	3	3.37	3.25	3.13	3.13	3.13	3.13	3.13	3.13	3.13		
	7.0	6	3.68	3.44	3.20	3.20	3.20	3.20	3.20	3.20	3.20		
	10.1	9	3.66	3.42	3.19	3.19	3.19	3.19	3.19	3.19	3.19		
	13.2	12	3.63	3.40	3.17	3.17	3.17	3.17	3.17	3.17	3.17		
	16.9	15.5	3.60	3.37	3.14	3.14	3.14	3.14	3.14	3.14	3.14		

Air flow		Indoor air temperature														
Outdoor air temperature (°CDB)	°CWB	21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
		Hi	10			2.12	1.92	2.54	2.17	2.74	2.21	2.92	2.23	3.27	2.42	3.39	2.36
12				2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.26	2.41	3.38	2.35	
14				2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.25	2.41	3.37	2.35	
16				2.12	1.92	2.54	2.17	2.74	2.21	2.91	2.23	3.23	2.40	3.35	2.34	
18				2.12	1.92	2.54	2.17	2.74	2.21	2.90	2.22	3.22	2.40	3.34	2.34	
20				2.12	1.92	2.54	2.17	2.74	2.21	2.90	2.22	3.21	2.39	3.32	2.33	
22				2.12	1.92	2.54	2.17	2.74	2.21	2.89	2.22	3.17	2.38	3.28	2.32	
24				2.12	1.92	2.53	2.17	2.74	2.21	2.87	2.21	3.13	2.36	3.23	2.31	
8 (m/min)	26				2.11	1.92	2.52	2.16	2.72	2.20	2.84	2.20	3.08	2.35	3.18	2.29
	28		1.92	1.84	2.11	1.92	2.51	2.16	2.69	2.19	2.80	2.19	3.03	2.33	3.13	2.27
	30	1.92	1.84	2.11	1.92	2.49	2.15	2.67	2.18	2.77	2.17	2.98	2.31	3.08	2.26	
	32	1.92	1.84	2.10	1.91	2.47	2.14	2.64	2.17	2.74	2.16	2.94	2.30	3.04	2.25	
	34	1.92	1.84	2.09	1.91	2.46	2.14	2.61	2.16	2.70	2.15	2.88	2.28	2.98	2.21	
	35	1.92	1.84	2.09	1.91	2.46	2.14	2.59	2.15	2.67	2.14	2.85	2.27	2.94	2.20	
	36	1.92	1.84	2.09	1.91	2.44	2.13	2.58	2.14	2.65	2.13	2.79	2.23	2.89	2.19	
	38	1.92	1.84	2.08	1.90	2.40	2.11	2.55	2.13	2.60	2.11	2.69	2.20	2.77	2.15	
	39	1.92	1.84	2.08	1.90	2.38	2.11	2.54	2.13	2.57	2.10	2.64	2.18	2.72	2.13	
	41	1.92	1.84	2.07	1.90	2.31	2.08	2.43	2.09	2.46	2.06	2.52	2.14	2.59	2.09	
43	1.92	1.84	2.07	1.90	2.24	2.05	2.33	2.05	2.36	2.02	2.41	2.11	2.46	2.05		

Heating mode (kW)		Indoor air temperature											
Outdoor air temperature (°CDB)	°CWB	16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB			
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		
Hi	-19.8	-20	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71		
	-17.8	-18	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82		
	-15.7	-16	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93		
	-13.7	-14	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04		
	-11.7	-12	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15		
	-9.6	-10	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26		
	-7.5	-8	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40		
	-5.5	-6	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53		
	-3.4	-4	2.62	2.62	2.61	2.61	2.61	2.61	2.61	2.61	2.61		
	-1.3	-2	2.71	2.70	2.69	2.69	2.69	2.69	2.69	2.69	2.69		
8 (m/min)	0.8	0	2.86	2.82	2.78	2.78	2.78	2.78	2.78	2.78	2.78		
	3.9	3	3.10	2.99	2.88	2.88	2.88	2.88	2.88	2.88	2.88		
	7.0	6	3.39	3.17	2.95	2.95	2.95	2.95	2.95	2.95	2.95		
	10.1	9	3.36	3.15	2.93	2.93	2.93	2.93	2.93	2.93	2.93		
	13.2	12	3.34	3.13	2.92	2.92	2.92	2.92	2.92	2.92	2.92		
	16.9	15.5	3.32	3.10	2.89	2.89	2.89	2.89	2.89	2.89	2.89		

Air flow		Indoor air temperature														
Outdoor air temperature (°CDB)	°CWB	21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
		Me	10			1.93	1.72	2.31	1.94	2.50	1.97	2.66	1.99	2.98	2.16	3.09	2.11
12				1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.96	2.16	3.08	2.11	
14				1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.95	2.15	3.06	2.10	
16				1.93	1.72	2.31	1.94	2.50	1.97	2.65	1.99	2.94	2.15	3.05	2.10	
18				1.93	1.72	2.31	1.94	2.50	1.97	2.64	1.99	2.93	2.15	3.04	2.10	
20				1.93	1.72	2.31	1.94	2.50	1.97	2.64	1.99	2.92	2.14	3.02	2.09	
22				1.93	1.72	2.31	1.94	2.50	1.97	2.63	1.98	2.88	2.13	2.98	2.08	
24				1.93	1.72	2.31	1.94	2.50	1.97	2.61	1.98	2.85	2.12	2.94	2.06	
7 (m/min)	26				1.92	1.71	2.30	1.93	2.47	1.96	2.58	1.96	2.80	2.10	2.90	2.05
	28		1.74	1.67	1.92	1.71	2.28	1.93	2.45	1.95	2.55	1.95	2.76	2.09	2.85	2.03
	30	1.74	1.67	1.92	1.71	2.27	1.92	2.43	1.95	2.52	1.94	2.72	2.07	2.81	2.02	
	32	1.74	1.67	1.91	1.71	2.25	1.91	2.40	1.93	2.49	1.93	2.67	2.05	2.76	2.01	
	34	1.74	1.67	1.91	1.71	2.24	1.91	2.37	1.92	2.45	1.92	2.62	2.04	2.71	1.99	
	35	1.74	1.67	1.90	1.70	2.24	1.91	2.36	1.92	2.43	1.91	2.59	2.03	2.68	1.98	
	36	1.74	1.67	1.90	1.70	2.22	1.90	2.34	1.91	2.41	1.90	2.54	2.01	2.63	1.96	
	38	1.74	1.67	1.90	1.70	2.19	1.89	2.32	1.90	2.36	1.88	2.45	1.98	2.52	1.93	
	39	1.74	1.67	1.89	1.70	2.17	1.88	2.31	1.90	2.34</						

Model		FDT45KXZE1 Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			3.69	3.13	4.41	3.53	4.77	3.60	5.07	3.64	5.68	3.94	5.90	3.85
	12			3.69	3.13	4.41	3.53	4.77	3.60	5.07	3.64	5.66	3.93	5.88	3.84
	14			3.69	3.13	4.41	3.53	4.77	3.60	5.06	3.64	5.64	3.93	5.85	3.83
	16			3.69	3.13	4.41	3.53	4.77	3.60	5.05	3.64	5.62	3.92	5.83	3.82
	18			3.69	3.13	4.41	3.53	4.77	3.60	5.05	3.64	5.60	3.91	5.80	3.81
	20			3.69	3.13	4.41	3.53	4.77	3.60	5.04	3.63	5.58	3.90	5.78	3.81
	22			3.68	3.12	4.41	3.53	4.77	3.60	5.02	3.63	5.51	3.88	5.70	3.78
	24			3.68	3.12	4.41	3.53	4.77	3.60	4.99	3.61	5.44	3.85	5.62	3.75
	26			3.68	3.12	4.39	3.52	4.73	3.59	4.93	3.59	5.35	3.82	5.53	3.72
	28	3.33	3.09	3.67	3.12	4.37	3.52	4.68	3.57	4.88	3.57	5.27	3.79	5.44	3.69
	30	3.33	3.09	3.66	3.11	4.33	3.50	4.64	3.55	4.82	3.55	5.19	3.76	5.36	3.66
	32	3.33	3.09	3.65	3.11	4.30	3.49	4.59	3.53	4.76	3.52	5.11	3.73	5.28	3.63
34	3.33	3.09	3.64	3.10	4.28	3.48	4.53	3.51	4.69	3.50	5.00	3.69	5.17	3.60	
35	3.33	3.09	3.64	3.10	4.28	3.48	4.50	3.50	4.65	3.48	4.95	3.67	5.12	3.58	
36	3.33	3.09	3.63	3.10	4.24	3.46	4.48	3.49	4.60	3.46	4.86	3.64	5.02	3.55	
38	3.33	3.09	3.62	3.10	4.18	3.44	4.43	3.47	4.52	3.43	4.68	3.58	4.82	3.48	
39	3.33	3.09	3.62	3.10	4.15	3.43	4.41	3.46	4.47	3.41	4.59	3.54	4.72	3.45	
41	3.33	3.09	3.61	3.09	4.02	3.37	4.23	3.39	4.28	3.34	4.39	3.48	4.50	3.38	
43	3.33	3.09	3.59	3.08	3.90	3.32	4.05	3.31	4.09	3.26	4.18	3.40	4.28	3.31	

Model		Heating mode (kW)									
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi	-19.8	-20	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
	-9.6	-10	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07
	-5.5	-6	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30
	-3.4	-4	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.45
	-1.3	-2	4.60	4.59	4.58	4.58	4.58	4.58	4.58	4.58	4.60
	0.8	0	4.85	4.78	4.71	4.71	4.71	4.71	4.71	4.71	4.85
	3.9	3	5.26	5.08	4.89	4.89	4.89	4.89	4.89	4.89	5.26
7.0	6	5.75	5.38	5.00	5.00	5.00	5.00	5.00	5.00	5.75	
10.1	9	5.71	5.35	4.98	4.98	4.98	4.98	4.98	4.98	5.71	
13.2	12	5.68	5.31	4.95	4.95	4.95	4.95	4.95	4.95	5.68	
16.9	15.5	5.63	5.27	4.91	4.91	4.91	4.91	4.91	4.91	5.63	

Model		FDT45KXZE1 Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			3.22	2.67	3.85	3.01	4.16	3.08	4.43	3.12	4.96	3.37	5.15	3.29
	12			3.22	2.67	3.85	3.01	4.16	3.08	4.42	3.11	4.93	3.36	5.11	3.27
	14			3.22	2.67	3.85	3.01	4.16	3.08	4.41	3.11	4.91	3.35	5.09	3.26
	16			3.22	2.67	3.85	3.01	4.16	3.08	4.41	3.11	4.89	3.34	5.06	3.25
	18			3.22	2.67	3.85	3.01	4.16	3.08	4.40	3.10	4.87	3.34	5.04	3.25
	20			3.22	2.67	3.85	3.01	4.16	3.08	4.38	3.10	4.81	3.31	4.97	3.22
	22			3.21	2.67	3.85	3.01	4.16	3.08	4.36	3.09	4.75	3.29	4.90	3.20
	24			3.21	2.67	3.83	3.01	4.12	3.06	4.31	3.07	4.67	3.26	4.83	3.18
	26	2.91	2.64	3.21	2.67	3.81	3.00	4.08	3.04	4.26	3.05	4.60	3.24	4.75	3.15
	28	2.91	2.64	3.20	2.66	3.78	2.98	4.05	3.03	4.21	3.03	4.53	3.21	4.68	3.13
	30	2.91	2.64	3.19	2.66	3.75	2.97	4.01	3.02	4.16	3.01	4.46	3.19	4.61	3.10
	32	2.91	2.64	3.18	2.65	3.74	2.97	3.95	2.99	4.09	2.98	4.36	3.15	4.52	3.07
34	2.91	2.64	3.17	2.65	3.73	2.96	3.93	2.98	4.06	2.97	4.32	3.13	4.47	3.06	
35	2.91	2.64	3.17	2.65	3.70	2.95	3.91	2.97	4.02	2.95	4.24	3.11	4.38	3.03	
36	2.91	2.64	3.16	2.64	3.65	2.93	3.87	2.96	3.94	2.92	4.08	3.05	4.21	2.97	
38	2.91	2.64	3.16	2.64	3.62	2.92	3.85	2.95	3.90	2.91	4.01	3.02	4.12	2.94	
39	2.91	2.64	3.15	2.64	3.51	2.87	3.69	2.89	3.74	2.85	3.83	2.96	3.93	2.88	
41	2.91	2.64	3.14	2.64	3.40	2.83	3.59	2.82	3.57	2.78	3.65	2.90	3.73	2.82	

Model		Heating mode (kW)									
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
Hi	-19.8	-20	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48
	-17.8	-18	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64
	-15.7	-16	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
	-13.7	-14	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96
	-11.7	-12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12
	-9.6	-10	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28
	-7.5	-8	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
	-5.5	-6	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68	3.68
	-3.4	-4	3.81	3.80	3.79	3.79	3.79	3.79	3.79	3.79	3.81
	-1.3	-2	3.93	3.92	3.91	3.91	3.91	3.91	3.91	3.91	3.93
	0.8	0	4.15	4.09	4.03	4.03	4.03	4.03	4.03	4.03	4.15
	3.9	3	4.50	4.34	4.18	4.18	4.18	4.18	4.18	4.18	4.50
7.0	6	4.92	4.60	4.28	4.28	4.28	4.28	4.28	4.28	4.92	
10.1	9	4.89	4.57	4.26	4.26	4.26	4.26	4.26	4.26	4.89	
13.2	12	4.85	4.54	4.23	4.23	4.23	4.23	4.23	4.23	4.85	
16.9	15.5	4.82	4.51	4.20	4.20	4.20	4.20	4.20	4.20	4.82	

Model		FDT45KXZE1 Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			2.96	2.44	3.54	2.75	3.83	2.81	4.08	2.85	4.57	3.07	4.74	2.99
	12			2.96	2.44	3.54	2.75	3.83	2.81	4.07	2.85	4.55	3.06	4.72	2.98
	14			2.96	2.44	3.54	2.75	3.83	2.81	4.07	2.85	4.53	3.05	4.70	2.98
	16			2.96	2.44	3.54	2.75	3.83	2.81	4.06	2.84	4.52	3.05	4.68	2.97
	18			2.96	2.44	3.54	2.75	3.83	2.81	4.05	2.84	4.50	3.04	4.66	2.96
	20			2.96	2.44	3.54	2.75	3.83	2.81	4.05	2.84	4.48	3.04	4.64	2.95
	22			2.96	2.44	3.54	2.75	3.83	2.81	4.03	2.83	4.43	3.02	4.58	2.93
	24			2.95	2.43	3.54	2.75	3.83	2.81	4.01	2.82	4.37	2.99	4.51	2.91
	26			2.95	2.43	3.52	2.75	3.80	2.80	3.96	2.80	4.30	2.97	4.44	2.89
	28	2.67	2.40	2.95	2.43	3.51	2.74	3.76	2.79	3.92	2.79	4.23	2.94	4.37	2.86
	30	2.67	2.40	2.94	2.43	3.48	2.73	3.72	2.77	3.87	2.77	4.17	2.92	4.31	2.84
	32	2.67	2.40	2.94	2.43	3.45	2.72	3.69	2.76	3.83	2.75	4.10	2.89	4.24	2.82
34	2.67	2.40	2.93	2.42	3.44	2.71	3.64	2.74	3.76	2.72	4.02	2.86	4.16	2.79	
35	2.67	2.40	2.92	2.42	3.43	2.71	3.61	2.73	3.73	2.71	3.97	2.85	4.11	2.77	
36	2.67	2.40	2.92	2.42	3.41	2.70	3.60	2.72	3.70	2.70	3.90	2.82	4.03	2.75	
38	2.67	2.40	2.91	2.41	3.36	2.68	3.56	2.70	3.63	2.67	3.76	2.77	3.87	2.70	
39	2.67	2.40	2.91	2.41	3.33	2.67	3.54	2.70	3.59	2.66	3.69	2.75	3.79	2.67	
41	2.67	2.40													

Model		Cooling mode														(kW)
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
P-Hi 14 (m/min)	10			4.59	3.76	5.49	4.26	5.94	4.35	6.32	4.41	7.07	4.76	7.35	4.64	
	12			4.59	3.76	5.49	4.26	5.94	4.35	6.31	4.41	7.05	4.75	7.31	4.63	
	14			4.59	3.76	5.49	4.26	5.94	4.35	6.30	4.40	7.02	4.74	7.28	4.62	
	16			4.59	3.76	5.49	4.26	5.94	4.35	6.29	4.39	7.00	4.73	7.25	4.61	
	18			4.59	3.76	5.49	4.26	5.94	4.35	6.28	4.39	6.97	4.72	7.22	4.60	
	20			4.59	3.76	5.49	4.26	5.94	4.35	6.27	4.38	6.95	4.71	7.19	4.58	
	22			4.58	3.76	5.49	4.26	5.94	4.35	6.24	4.37	6.86	4.68	7.09	4.55	
	24			4.58	3.76	5.48	4.25	5.94	4.35	6.21	4.36	6.77	4.65	6.99	4.51	
	26			4.57	3.75	5.46	4.25	5.88	4.33	6.14	4.33	6.66	4.60	6.88	4.47	
	28	4.14	3.71	4.57	3.75	5.43	4.23	5.82	4.30	6.07	4.30	6.56	4.56	6.78	4.44	
	30	4.14	3.71	4.56	3.75	5.39	4.22	5.77	4.28	6.00	4.28	6.46	4.52	6.67	4.40	
	32	4.14	3.71	4.55	3.74	5.35	4.20	5.71	4.26	5.93	4.25	6.36	4.49	6.57	4.37	
	34	4.14	3.71	4.53	3.74	5.33	4.19	5.64	4.23	5.83	4.21	6.22	4.44	6.44	4.33	
	35	4.14	3.71	4.52	3.73	5.32	4.19	5.60	4.21	5.79	4.20	6.16	4.41	6.37	4.30	
36	4.14	3.71	4.52	3.73	5.28	4.17	5.57	4.20	5.73	4.17	6.05	4.37	6.25	4.26		
38	4.14	3.71	4.51	3.73	5.20	4.14	5.52	4.18	5.62	4.13	5.82	4.29	6.00	4.18		
39	4.14	3.71	4.50	3.72	5.16	4.12	5.49	4.17	5.56	4.11	5.71	4.25	5.87	4.14		
41	4.14	3.71	4.49	3.72	5.00	4.05	5.26	4.07	5.33	4.02	5.46	4.16	5.60	4.05		
43	4.14	3.71	4.47	3.71	4.85	3.99	5.04	3.98	5.10	3.92	5.21	4.07	5.32	3.96		

Model		Heating mode														(kW)
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB						
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB					
P-Hi 14 (m/min)	-19.8	-20	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65		
	-17.8	-18	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89		
	-15.7	-16	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12		
	-13.7	-14	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36		
	-11.7	-12	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59		
	-9.6	-10	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83		
	-7.5	-8	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12		
	-5.5	-6	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42		
	-3.4	-4	5.61	5.60	5.59	5.58	5.57	5.56	5.55	5.54	5.53	5.52	5.51	5.50		
	-1.3	-2	5.80	5.78	5.76	5.75	5.74	5.73	5.72	5.71	5.70	5.69	5.68	5.67		
	0.8	0	6.11	6.02	5.94	5.85	5.77	5.68	5.60	5.51	5.42	5.33	5.24	5.15		
	3.9	3	6.63	6.39	6.16	5.91	5.66	5.41	5.16	4.91	4.66	4.41	4.16	3.91		
	7.0	6	7.25	6.77	6.30	5.82	5.34	4.86	4.38	3.90	3.42	2.94	2.46	1.98		
	10.1	9	7.20	6.74	6.28	5.82	5.36	4.90	4.44	3.98	3.52	3.06	2.60	2.14		
13.2	12	7.15	6.69	6.24	5.78	5.32	4.86	4.40	3.94	3.48	3.02	2.56	2.10			
16.9	15.5	7.10	6.64	6.18	5.73	5.27	4.81	4.35	3.89	3.43	2.97	2.51	2.05			

Model		Cooling mode														(kW)
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Hi 12 (m/min)	10			4.12	3.31	4.92	3.75	5.33	3.84	5.67	3.89	6.35	4.20	6.59	4.08	
	12			4.12	3.31	4.92	3.75	5.33	3.84	5.66	3.89	6.33	4.19	6.56	4.07	
	14			4.12	3.31	4.92	3.75	5.33	3.84	5.65	3.88	6.30	4.18	6.53	4.06	
	16			4.12	3.31	4.92	3.75	5.33	3.84	5.64	3.88	6.28	4.17	6.51	4.06	
	18			4.12	3.31	4.92	3.75	5.33	3.84	5.64	3.88	6.26	4.16	6.48	4.05	
	20			4.12	3.31	4.92	3.75	5.33	3.84	5.63	3.87	6.23	4.15	6.45	4.03	
	22			4.11	3.31	4.92	3.75	5.33	3.84	5.60	3.86	6.15	4.12	6.36	4.00	
	24			4.11	3.31	4.92	3.75	5.33	3.84	5.58	3.85	6.08	4.09	6.27	3.97	
	26			4.10	3.31	4.90	3.74	5.28	3.81	5.51	3.83	5.98	4.05	6.18	3.94	
	28	3.72	3.27	4.10	3.31	4.87	3.73	5.23	3.79	5.45	3.80	5.88	4.02	6.08	3.91	
	30	3.72	3.27	4.09	3.30	4.84	3.71	5.18	3.77	5.38	3.77	5.79	3.98	5.99	3.88	
	32	3.72	3.27	4.08	3.30	4.80	3.70	5.13	3.75	5.32	3.74	5.70	3.95	5.90	3.85	
	34	3.72	3.27	4.07	3.29	4.78	3.69	5.06	3.72	5.23	3.71	5.58	3.90	5.78	3.81	
	35	3.72	3.27	4.06	3.29	4.77	3.68	5.03	3.71	5.19	3.69	5.52	3.88	5.72	3.79	
36	3.72	3.27	4.06	3.29	4.74	3.67	5.00	3.70	5.14	3.67	5.42	3.85	5.60	3.75		
38	3.72	3.27	4.05	3.28	4.67	3.64	4.95	3.68	5.04	3.63	5.23	3.77	5.38	3.67		
39	3.72	3.27	4.04	3.28	4.63	3.62	4.92	3.67	4.99	3.61	5.13	3.73	5.27	3.63		
41	3.72	3.27	4.03	3.28	4.49	3.57	4.72	3.58	4.78	3.53	4.90	3.65	5.02	3.55		
43	3.72	3.27	4.01	3.27	4.35	3.51	4.52	3.50	4.57	3.45	4.67	3.57	4.78	3.47		

Model		Heating mode														(kW)
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB						
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB					
Hi 12 (m/min)	-19.8	-20	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22		
	-17.8	-18	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43		
	-15.7	-16	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63		
	-13.7	-14	3.84	3.84	3.84	3.84	3.84	3.84	3.84	3.84	3.84	3.84	3.84	3.84		
	-11.7	-12	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05		
	-9.6	-10	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26		
	-7.5	-8	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52	4.52		
	-5.5	-6	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77	4.77		
	-3.4	-4	4.94	4.93	4.93	4.93	4.93	4.93	4.93	4.93	4.93	4.93	4.93	4.93		
	-1.3	-2	5.11	5.09	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08	5.08		
	0.8	0	5.39	5.31	5.23	5.05	4.86	4.68	4.50	4.32	4.14	3.96	3.78	3.60		
	3.9	3	5.84	5.63	5.43	5.12	4.82	4.51	4.21	3.91	3.61	3.31	3.01	2.71		
	7.0	6	6.38	5.97	5.55	5.16	4.77	4.38	3.99	3.60	3.21	2.82	2.43	2.04		
	10.1	9	6.34	5.94	5.53	5.13	4.73	4.33	3.93	3.53	3.13	2.73	2.33	1.93		
13.2	12	6.30	5.90	5.50	5.09	4.69	4.29	3.89	3.49	3.09	2.69	2.29	1.89			
16.9	15.5	6.25	5.85	5.45	5.05	4.65	4.25	3.85	3.45	3.05	2.65	2.25	1.85			

Model		Cooling mode														(kW)
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Me 10 (m/min)	10			3.60	2.84	4.30	3.21	4.65	3.29	4.95	3.34	5.54	3.59	5.75	3.50	
	12			3.60	2.84	4.30	3.21	4.65	3.29	4.94	3.33	5.52	3.59	5.73	3.49	
	14			3.60	2.84	4.30	3.21	4.65	3.29	4.93	3.33	5.50	3.58	5.70	3.48	
	16			3.60	2.84	4.30	3.21	4.65	3.29	4.93	3.33	5.48	3.57	5.68	3.47	
	18			3.60	2.84	4.30</										

(3) Ceiling cassette-2 way type (FDTW)

Model		Cooling mode (kW)														Heating mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Air flow	Outdoor air temperature	Indoor air temperature											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB				°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB					
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC			TC	SHC	TC	SHC	TC	SHC	TC	SHC				
P-Hi 14.5 (m ³ /min)	10			2.30	2.06	2.74	2.32	2.97	2.35	3.16	2.40	3.54	2.59	3.67	2.52														
	12			2.30	2.06	2.74	2.32	2.97	2.35	3.15	2.39	3.52	2.59	3.66	2.51														
	14			2.30	2.06	2.74	2.32	2.97	2.35	3.15	2.39	3.51	2.56	3.64	2.51														
	16			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.50	2.56	3.63	2.51														
	18			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.49	2.56	3.61	2.50														
	20			2.30	2.06	2.74	2.32	2.97	2.35	3.14	2.39	3.47	2.55	3.59	2.50														
	22			2.29	2.06	2.74	2.32	2.97	2.35	3.12	2.38	3.43	2.54	3.54	2.49														
	24			2.29	2.06	2.74	2.32	2.97	2.35	3.11	2.38	3.39	2.53	3.50	2.48														
	26			2.29	2.06	2.73	2.32	2.94	2.35	3.07	2.34	3.33	2.52	3.44	2.46														
	28	2.07	1.99	2.28	2.05	2.72	2.31	2.91	2.34	3.03	2.33	3.28	2.50	3.39	2.44														
	30	2.07	1.99	2.28	2.05	2.70	2.31	2.88	2.33	3.00	2.32	3.23	2.48	3.34	2.42														
	32	2.07	1.99	2.27	2.04	2.67	2.29	2.86	2.32	2.96	2.31	3.18	2.47	3.29	2.41														
	34	2.07	1.99	2.27	2.04	2.66	2.29	2.82	2.31	2.92	2.30	3.11	2.44	3.22	2.39														
	35	2.07	1.99	2.26	2.04	2.66	2.29	2.80	2.30	2.89	2.30	3.08	2.43	3.18	2.37														
	36	2.07	1.99	2.26	2.04	2.64	2.28	2.79	2.30	2.86	2.28	3.02	2.41	3.12	2.36														
	38	2.07	1.99	2.25	2.04	2.60	2.27	2.76	2.29	2.81	2.27	2.91	2.37	3.00	2.31														
39	2.07	1.99	2.25	2.04	2.58	2.25	2.74	2.28	2.78	2.25	2.86	2.36	2.94	2.27															
41	2.07	1.99	2.24	2.03	2.50	2.22	2.63	2.23	2.66	2.21	2.73	2.29	2.80	2.24															
43	2.07	1.99	2.24	2.03	2.43	2.19	2.52	2.20	2.55	2.16	2.60	2.26	2.66	2.21															

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 14.5 (m ³ /min)	-19.8	-20	1.86	1.86	1.86	1.86	1.86	
	-17.8	-18	1.98	1.98	1.98	1.98	1.98	
	-15.7	-16	2.09	2.09	2.09	2.09	2.09	
	-13.7	-14	2.21	2.21	2.21	2.21	2.21	
	-11.7	-12	2.33	2.33	2.33	2.33	2.33	
	-9.6	-10	2.45	2.45	2.45	2.45	2.45	
	-7.5	-8	2.60	2.60	2.60	2.60	2.60	
	-5.5	-6	2.75	2.75	2.75	2.75	2.75	
	-3.4	-4	2.85	2.84	2.84	2.81	2.78	
	-1.3	-2	2.94	2.94	2.93	2.87	2.82	
	0.8	0	3.10	3.06	3.02	2.91	2.80	
	3.9	3	3.37	3.25	3.13	2.95	2.78	
	7.0	6	3.68	3.44	3.20	2.98	2.75	
	10.1	9	3.66	3.42	3.19	2.96	2.73	
	13.2	12	3.63	3.40	3.17	2.94	2.70	
	16.9	15.5	3.60	3.37	3.14	2.91	2.68	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature																					
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB									
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC								
Hi 12 (m ³ /min)	10			2.04	1.80	2.44	2.03	2.64	2.06	2.81	2.10	3.15	2.27	3.27	2.22								
	12			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.13	2.26	3.25	2.21								
	14			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.11	2.26	3.24	2.21								
	16			2.04	1.80	2.44	2.03	2.64	2.06	2.80	2.09	3.11	2.26	3.22	2.20								
	18			2.04	1.80	2.44	2.03	2.64	2.06	2.79	2.09	3.10	2.26	3.21	2.20								
	20			2.04	1.80	2.44	2.03	2.64	2.06	2.79	2.09	3.09	2.25	3.20	2.19								
	22			2.04	1.80	2.44	2.03	2.64	2.06	2.78	2.09	3.05	2.24	3.15	2.16								
	24			2.04	1.80	2.44	2.03	2.64	2.06	2.76	2.06	3.01	2.22	3.11	2.15								
	26			2.03	1.79	2.43	2.03	2.62	2.06	2.73	2.05	2.96	2.19	3.06	2.14								
	28	1.84	1.77	2.03	1.79	2.42	2.03	2.59	2.05	2.70	2.05	2.92	2.18	3.01	2.13								
	30	1.84	1.77	2.03	1.79	2.40	2.01	2.57	2.04	2.67	2.04	2.87	2.17	2.97	2.11								
	32	1.84	1.77	2.02	1.79	2.38	2.01	2.54	2.03	2.64	2.03	2.83	2.16	2.92	2.11								
	34	1.84	1.77	2.02	1.79	2.37	2.00	2.51	2.02	2.59	2.01	2.77	2.13	2.86	2.08								
	35	1.84	1.77	2.01	1.79	2.37	2.00	2.49	2.01	2.57	2.00	2.74	2.12	2.83	2.07								
	36	1.84	1.77	2.01	1.79	2.35	2.00	2.48	2.01	2.55	2.00	2.69	2.10	2.78	2.06								
	38	1.84	1.77	2.00	1.78	2.31	1.98	2.45	2.00	2.50	1.98	2.59	2.07	2.67	2.02								
39	1.84	1.77	2.00	1.78	2.29	1.97	2.44	1.99	2.47	1.96	2.54	2.05	2.61	2.00									
41	1.84	1.77	2.00	1.78	2.23	1.95	2.34	1.95	2.37	1.93	2.43	2.02	2.49	1.94									
43	1.84	1.77	1.99	1.78	2.16	1.92	2.24	1.92	2.27	1.89	2.32	1.96	2.37	1.92									

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 12 (m ³ /min)	-19.8	-20	1.63	1.63	1.63	1.63	1.63	
	-17.8	-18	1.73	1.73	1.73	1.73	1.73	
	-15.7	-16	1.84	1.84	1.84	1.84	1.84	
	-13.7	-14	1.94	1.94	1.94	1.94	1.94	
	-11.7	-12	2.05	2.05	2.05	2.05	2.05	
	-9.6	-10	2.15	2.15	2.15	2.15	2.15	
	-7.5	-8	2.29	2.29	2.29	2.29	2.29	
	-5.5	-6	2.42	2.42	2.42	2.42	2.42	
	-3.4	-4	2.50	2.50	2.49	2.47	2.45	
	-1.3	-2	2.59	2.58	2.57	2.52	2.47	
	0.8	0	2.73	2.69	2.65	2.55	2.46	
	3.9	3	2.96	2.85	2.75	2.59	2.44	
	7.0	6	3.23	3.02	2.81	2.61	2.42	
	10.1	9	3.21	3.01	2.80	2.60	2.40	
	13.2	12	3.19	2.99	2.78	2.58	2.37	
	16.9	15.5	3.17	2.96	2.76	2.55	2.35	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature																					
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB									
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC								
Me 10 (m ³ /min)	10			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.79	1.99	2.90	1.94								
	12			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.78	1.98	2.89	1.94								
	14			1.81	1.57	2.17	1.78	2.34	1.82	2.49	1.83	2.77	1.98	2.87	1.93								
	16			1.81	1.57	2.17	1.78	2.34	1.82	2.48	1.82	2.76	1.97	2.86	1.93								
	18			1.81	1.57	2.17	1.78	2.34	1.82	2.48	1.82	2.75	1.97	2.85	1.93								
	20			1.81	1.57	2.17	1.78	2.34	1.82	2.47	1.82	2.74	1.97	2.84	1.92								
	22			1.81	1.57	2.16	1.78	2.34	1.82	2.46	1.82	2.71	1.96	2.80	1.89								
	24			1.81	1.57	2.16	1.78	2.34	1.82	2.45	1.82	2.67	1.94	2.76	1.88								
	26			1.80	1.57	2.15	1.77	2.32	1.81	2.42	1.81	2.63	1.91	2.72	1.87								
	28	1.64	1.55	1.80	1.57	2.14	1.																

Model		FDTW45KXE6F		Cooling mode														(kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature																													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB																	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC																
P-Hi	14.5 (m ³ /min)	10			3.69	3.00	4.41	3.39	4.77	3.46	5.07	3.51	5.68	3.78	5.90	3.70															
		12			3.69	3.00	4.41	3.39	4.77	3.46	5.07	3.51	5.68	3.78	5.88	3.69															
		14			3.69	3.00	4.41	3.39	4.77	3.46	5.06	3.51	5.64	3.77	5.85	3.68															
		16			3.69	3.00	4.41	3.39	4.77	3.46	5.05	3.51	5.62	3.76	5.83	3.68															
		18			3.69	3.00	4.41	3.39	4.77	3.46	5.05	3.51	5.60	3.76	5.80	3.67															
		20			3.69	3.00	4.41	3.39	4.77	3.46	5.04	3.50	5.58	3.75	5.78	3.66															
		22			3.68	3.00	4.41	3.39	4.77	3.46	5.02	3.50	5.51	3.73	5.70	3.64															
		24			3.68	3.00	4.41	3.39	4.77	3.46	4.99	3.48	5.44	3.70	5.62	3.61															
		26			3.68	3.00	4.39	3.39	4.73	3.45	4.93	3.45	5.35	3.67	5.53	3.58															
		28	3.33	2.96	3.67	2.99	4.37	3.38	4.66	3.43	4.88	3.43	5.27	3.64	5.44	3.54															
		30	3.33	2.96	3.66	2.99	4.33	3.36	4.64	3.42	4.82	3.41	5.19	3.61	5.36	3.51															
		32	3.33	2.96	3.65	2.99	4.30	3.35	4.59	3.40	4.76	3.39	5.11	3.58	5.28	3.49															
		34	3.33	2.96	3.64	2.98	4.28	3.34	4.53	3.37	4.69	3.36	5.00	3.54	5.17	3.45															
		35	3.33	2.96	3.64	2.98	4.28	3.34	4.50	3.36	4.65	3.35	4.95	3.52	5.12	3.41															
36	3.33	2.96	3.63	2.98	4.24	3.32	4.48	3.35	4.60	3.33	4.88	3.49	5.02	3.38																	
38	3.33	2.96	3.62	2.97	4.18	3.30	4.43	3.33	4.52	3.29	4.68	3.41	4.82	3.33																	
39	3.33	2.96	3.62	2.97	4.15	3.28	4.41	3.32	4.47	3.28	4.59	3.39	4.72	3.30																	
41	3.33	2.96	3.61	2.96	4.02	3.23	4.23	3.25	4.28	3.20	4.39	3.32	4.50	3.23																	
43	3.33	2.96	3.59	2.96	3.90	3.18	4.05	3.18	4.09	3.13	4.18	3.24	4.28	3.15																	

Model		FDTW45KXE6F		Heating mode														(kW)													
Air flow	Outdoor air temperature	Indoor air temperature																													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB																	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC																
P-Hi	14.5 (m ³ /min)	-19.8	-20	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90																
		-17.8	-18	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09																
		-15.7	-16	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27																
		-13.7	-14	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46																
		-11.7	-12	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65																
		-9.6	-10	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83																
		-7.5	-8	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07																
		-5.5	-6	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30																
		-3.4	-4	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44																
		-1.3	-2	4.60	4.59	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58	4.58																
		0.8	0	4.85	4.78	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71	4.71																
		3.9	3	5.26	5.08	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89	4.89																
		7.0	6	5.75	5.38	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00																
		10.1	9	5.71	5.35	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98																
13.2	12	5.68	5.31	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95																		
16.9	15.5	5.63	5.27	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91	4.91																		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Hi	12 (m ³ /min)	10			3.20	2.57	3.82	2.90	4.14	2.98	4.40	3.02	4.93	3.26	5.12	3.18
		12			3.20	2.57	3.82	2.90	4.14	2.98	4.40	3.02	4.91	3.25	5.10	3.16
		14			3.20	2.57	3.82	2.90	4.14	2.98	4.39	3.02	4.90	3.25	5.08	3.16
		16			3.20	2.57	3.82	2.90	4.14	2.98	4.38	3.01	4.88	3.24	5.05	3.15
		18			3.20	2.57	3.82	2.90	4.14	2.98	4.38	3.01	4.86	3.23	5.03	3.14
		20			3.20	2.57	3.82	2.90	4.14	2.98	4.37	3.00	4.84	3.22	5.01	3.13
		22			3.19	2.56	3.82	2.90	4.14	2.98	4.35	3.00	4.78	3.20	4.94	3.10
		24			3.19	2.56	3.82	2.90	4.14	2.98	4.33	2.99	4.72	3.18	4.87	3.08
		26			3.19	2.56	3.80	2.90	4.10	2.98	4.28	2.97	4.64	3.13	4.80	3.06
		28	2.89	2.53	3.19	2.56	3.79	2.89	4.06	2.94	4.23	2.95	4.57	3.11	4.72	3.03
		30	2.89	2.53	3.18	2.56	3.76	2.88	4.02	2.92	4.18	2.93	4.50	3.09	4.65	3.01
		32	2.89	2.53	3.17	2.56	3.73	2.87	3.98	2.90	4.13	2.89	4.43	3.07	4.58	2.99
		34	2.89	2.53	3.16	2.55	3.71	2.86	3.93	2.89	4.07	2.88	4.34	3.03	4.49	2.98
		35	2.89	2.53	3.15	2.55	3.71	2.86	3.90	2.88	4.03	2.88	4.29	3.01	4.44	2.94
36	2.89	2.53	3.15	2.55	3.68	2.84	3.88	2.87	3.99	2.85	4.21	2.98	4.35	2.91		
38	2.89	2.53	3.14	2.55	3.62	2.82	3.84	2.85	3.92	2.82	4.06	2.92	4.18	2.85		
39	2.89	2.53	3.14	2.55	3.60	2.81	3.83	2.85	3.88	2.81	3.98	2.90	4.09	2.80		
41	2.89	2.53	3.13	2.54	3.49	2.76	3.67	2.78	3.71	2.74	3.81	2.83	3.90	2.75		
43	2.89	2.53	3.12	2.54	3.38	2.72	3.51	2.71	3.55	2.68	3.63	2.77	3.71	2.69		

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	12 (m ³ /min)	-19.8	-20	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47
		-17.8	-18	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63
		-15.7	-16	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78
		-13.7	-14	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94
		-11.7	-12	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
		-9.6	-10	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26	3.26
		-7.5	-8	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46
		-5.5	-6	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66	3.66
		-3.4	-4	3.79	3.78	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77
		-1.3	-2	3.91	3.90	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
		0.8	0	4.13	4.07	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01
		3.9	3	4.48	4.32	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16
		7.0	6	4.89	4.57	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25
		10.1	9	4.86	4.55	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24
13.2	12	4.83	4.52	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21		
16.9	15.5	4.79	4.48	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Me	10 (m ³ /min)	10			2.77	2.20	3.31	2.49	3.58	2.54	3.81	2.59	4.27	2.78	4.43	2.72
		12			2.77	2.20	3.31	2.49	3.58	2.54	3.80	2.58	4.25	2.78	4.41	2.71
		14			2.77	2.20	3.31	2.49	3.58	2.54	3.80	2.58	4.23	2.78	4.39	2.70
		16			2.77	2.20	3.31	2.49	3.58	2.54	3.79	2.58	4.22	2.77	4.37	2.70
		18			2.77	2.20	3.31	2.49	3.58	2.54	3.79	2.58	4.20	2.76	4.35	2.67
		20			2.77	2.20	3.31	2.49	3.58	2.54	3.78	2.57	4.19	2.76	4.33	2.67
		22			2.76	2.19	3.31	2.49	3.58	2.54	3.78	2.57	4.14	2.74	4.27	2.65
		24			2.76	2.19	3.31	2.49	3.58	2.54	3.75	2.56	4.08	2.71	4.21	2.64
		26			2.76	2.19	3.29	2.48	3.55	2.53	3.70	2.53	4.02	2.69	4.15	2.61
		28														

Model **FDTW56KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 14.5 (m ³ /min)	10			4.59	3.57	5.49	4.05	5.94	4.15	6.32	4.21	7.07	4.54	7.35	4.41
	12			4.59	3.57	5.49	4.05	5.94	4.15	6.31	4.21	7.05	4.53	7.31	4.39
	14			4.59	3.57	5.49	4.05	5.94	4.15	6.30	4.20	7.02	4.50	7.28	4.39
	16			4.59	3.57	5.49	4.05	5.94	4.15	6.29	4.20	7.00	4.49	7.25	4.38
	18			4.59	3.57	5.49	4.05	5.94	4.15	6.28	4.20	6.97	4.48	7.22	4.37
	20			4.59	3.57	5.49	4.05	5.94	4.15	6.27	4.19	6.95	4.48	7.19	4.36
	22			4.58	3.56	5.49	4.05	5.94	4.15	6.24	4.17	6.86	4.45	7.09	4.32
	24			4.58	3.56	5.48	4.04	5.94	4.15	6.21	4.16	6.77	4.42	6.99	4.28
	26			4.57	3.56	5.46	4.03	5.88	4.12	6.14	4.13	6.66	4.37	6.88	4.24
	28	4.14	3.51	4.57	3.56	5.43	4.02	5.82	4.08	6.07	4.11	6.56	4.33	6.78	4.21
	30	4.14	3.51	4.56	3.55	5.39	4.00	5.77	4.07	6.00	4.06	6.46	4.29	6.67	4.17
	32	4.14	3.51	4.55	3.55	5.35	3.99	5.71	4.04	5.93	4.03	6.36	4.25	6.57	4.14
	34	4.14	3.51	4.53	3.54	5.33	3.98	5.64	4.02	5.83	4.00	6.22	4.20	6.44	4.09
	35	4.14	3.51	4.52	3.54	5.32	3.97	5.60	4.00	5.79	3.98	6.16	4.17	6.37	4.06
	36	4.14	3.51	4.52	3.54	5.28	3.95	5.57	3.99	5.73	3.96	6.05	4.14	6.25	4.00
	38	4.14	3.51	4.51	3.53	5.20	3.92	5.52	3.97	5.62	3.92	5.82	4.03	6.00	3.93
39	4.14	3.51	4.50	3.53	5.16	3.90	5.49	3.95	5.56	3.89	5.71	4.00	5.87	3.89	
41	4.14	3.51	4.49	3.53	5.00	3.83	5.26	3.86	5.33	3.80	5.46	3.91	5.60	3.80	
43	4.14	3.51	4.47	3.52	4.85	3.77	5.04	3.76	5.10	3.71	5.21	3.83	5.32	3.71	

Heating mode (kW)

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
P-Hi 14.5 (m ³ /min)	-19.8	-20	3.65	3.65	3.65	3.65	3.65	
	-17.8	-18	3.89	3.89	3.89	3.89	3.89	
	-15.7	-16	4.12	4.12	4.12	4.12	4.12	
	-13.7	-14	4.36	4.36	4.36	4.36	4.36	
	-11.7	-12	4.59	4.59	4.59	4.59	4.59	
	-9.6	-10	4.83	4.83	4.83	4.83	4.83	
	-7.5	-8	5.12	5.12	5.12	5.12	5.12	
	-5.5	-6	5.42	5.42	5.42	5.42	5.42	
	-3.4	-4	5.61	5.60	5.59	5.54	5.48	
	-1.3	-2	5.80	5.78	5.76	5.65	5.54	
	0.8	0	6.11	6.02	5.94	5.73	5.51	
	3.9	3	6.63	6.39	6.16	5.81	5.47	
	7.0	6	7.25	6.77	6.30	5.86	5.42	
	10.1	9	7.20	6.74	6.28	5.82	5.37	
	13.2	12	7.15	6.69	6.24	5.78	5.32	
	16.9	15.5	7.10	6.64	6.18	5.73	5.27	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 12 (m ³ /min)	10			3.98	3.04	4.76	3.45	5.15	3.54	5.48	3.59	6.14	3.88	6.37	3.77
	12			3.98	3.04	4.76	3.45	5.15	3.54	5.47	3.59	6.11	3.87	6.34	3.76
	14			3.98	3.04	4.76	3.45	5.15	3.54	5.46	3.59	6.09	3.86	6.32	3.75
	16			3.98	3.04	4.76	3.45	5.15	3.54	5.46	3.59	6.07	3.85	6.29	3.74
	18			3.98	3.04	4.76	3.45	5.15	3.54	5.45	3.58	6.05	3.84	6.26	3.73
	20			3.98	3.04	4.76	3.45	5.15	3.54	5.44	3.58	6.03	3.84	6.23	3.72
	22			3.98	3.04	4.76	3.45	5.15	3.54	5.42	3.57	5.95	3.80	6.15	3.69
	24			3.97	3.04	4.76	3.45	5.15	3.54	5.39	3.55	5.87	3.77	6.06	3.65
	26			3.97	3.04	4.73	3.44	5.10	3.52	5.33	3.53	5.78	3.73	5.97	3.61
	28	3.59	2.98	3.96	3.04	4.71	3.43	5.05	3.50	5.26	3.50	5.69	3.69	5.88	3.58
	30	3.59	2.98	3.95	3.03	4.68	3.41	5.00	3.47	5.20	3.47	5.60	3.65	5.79	3.55
	32	3.59	2.98	3.94	3.03	4.64	3.40	4.95	3.45	5.14	3.45	5.51	3.62	5.70	3.52
	34	3.59	2.98	3.93	3.02	4.62	3.38	4.89	3.43	5.06	3.42	5.40	3.58	5.58	3.48
	35	3.59	2.98	3.92	3.01	4.61	3.38	4.86	3.41	5.02	3.40	5.34	3.56	5.52	3.45
	36	3.59	2.98	3.92	3.01	4.58	3.36	4.83	3.40	4.97	3.38	5.24	3.52	5.42	3.42
	38	3.59	2.98	3.91	3.01	4.51	3.33	4.78	3.38	4.87	3.34	5.05	3.44	5.20	3.35
39	3.59	2.98	3.91	3.01	4.48	3.32	4.76	3.37	4.83	3.31	4.96	3.41	5.10	3.31	
41	3.59	2.98	3.89	3.00	4.34	3.26	4.57	3.28	4.62	3.23	4.74	3.33	4.86	3.21	
43	3.59	2.98	3.88	3.00	4.21	3.20	4.37	3.20	4.42	3.15	4.52	3.24	4.62	3.14	

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
Hi 12 (m ³ /min)	-19.8	-20	3.11	3.11	3.11	3.11	3.11	
	-17.8	-18	3.31	3.31	3.31	3.31	3.31	
	-15.7	-16	3.51	3.51	3.51	3.51	3.51	
	-13.7	-14	3.71	3.71	3.71	3.71	3.71	
	-11.7	-12	3.91	3.91	3.91	3.91	3.91	
	-9.6	-10	4.11	4.11	4.11	4.11	4.11	
	-7.5	-8	4.36	4.36	4.36	4.36	4.36	
	-5.5	-6	4.61	4.61	4.61	4.61	4.61	
	-3.4	-4	4.77	4.76	4.76	4.71	4.66	
	-1.3	-2	4.93	4.92	4.90	4.81	4.72	
	0.8	0	5.20	5.12	5.05	4.87	4.69	
	3.9	3	5.64	5.44	5.24	4.94	4.65	
	7.0	6	6.16	5.76	5.36	4.98	4.61	
	10.1	9	6.12	5.73	5.34	4.95	4.57	
	13.2	12	6.08	5.69	5.31	4.92	4.53	
	16.9	15.5	6.04	5.65	5.26	4.87	4.48	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 10 (m ³ /min)	10			3.44	2.60	4.12	2.95	4.45	3.03	4.74	3.08	5.31	3.32	5.51	3.23
	12			3.44	2.60	4.12	2.95	4.45	3.03	4.73	3.08	5.29	3.32	5.49	3.22
	14			3.44	2.60	4.12	2.95	4.45	3.03	4.73	3.08	5.27	3.31	5.46	3.21
	16			3.44	2.60	4.12	2.95	4.45	3.03	4.72	3.07	5.25	3.30	5.44	3.21
	18			3.44	2.60	4.12	2.95	4.45	3.03	4.71	3.07	5.23	3.29	5.42	3.19
	20			3.44	2.60	4.12	2.95	4.45	3.03	4.71	3.07	5.21	3.28	5.39	3.18
	22			3.44	2.60	4.12	2.95	4.45	3.03	4.68	3.05	5.15	3.26	5.32	3.16
	24			3.43	2.60	4.11	2.94	4.45	3.03	4.66	3.05	5.08	3.23	5.25	3.12
	26			3.43	2.60	4.09	2.94	4.41	3.01	4.61	3.03	5.00	3.19	5.16	3.09
	28	3.11	2.56	3.43	2.60	4.08	2.93	4.37	3.00	4.55	3.00	4.92	3.16	5.08	3.07
	30	3.11	2.56	3.42	2.59	4.04	2.92	4.33	2.98	4.50	2.98	4.84	3.13	5.01	3.04
	32	3.11	2.56	3.41	2.59	4.01	2.90	4.29	2.96	4.45	2.96	4.77	3.10	4.93	3.01
	34	3.11	2.56	3.40	2.58	4.00	2.90	4.23	2.93	4.38	2.92	4.67	3.06	4.83	2.98
	35	3.11	2.56	3.39	2.58	3.99	2.90	4.20	2.91	4.34	2.90	4.62	3.05	4.78	2.96
	36	3.11	2.56	3.39	2.58	3.98	2.88	4.18	2.91	4.30	2.89	4.54	3.01	4.69	2.92
	38	3.11	2.56	3.38	2.58	3.90	2.86	4.14	2.89	4.22	2.86	4.37	2.95	4.50	2.86
39	3.11	2.56	3.38	2.58	3.87	2.84	4.12	2.88	4.17	2.84	4.29	2.92	4.41	2.81	
41	3.11	2.56	3.37	2.57	3.76	2.79	3.95	2.81	4.00	2.77	4.10	2.83	4.20	2.75	
43	3.11	2.56	3.35	2.56	3.64	2.74	3.78	2.74	3.82	2.69	3.91	2.77	3.99	2.68	

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
Me 10 (m ³ /min)	-19.8	-20	2.65	2.65	2.65	2.65	2.65	
	-17.8	-18	2.82	2.82	2.82	2.82	2.82	
	-15.7	-16	2.99	2.99	2.99	2.99	2.99	
	-13.7	-14	3.16	3.16	3.16	3.16	3.16	
	-11.7	-12	3.33	3.33	3.33	3.33	3.33	
	-9.6	-10	3.50	3.50	3.50	3.50	3.50	
	-7.5	-8	3.71	3.71	3.71	3.71	3.71	
	-5.5	-6	3.93	3.93	3.93	3.93	3.93	
	-3.4	-4	4.06	4.06	4.05	4.01	3.97	
	-1.3	-2	4.20	4.19	4.18	4.10	4.02	
	0.8	0	4.43	4.37	4.30	4.15	4.00	
	3.9	3	4.81	4.64	4.46	4.21	3.96	
	7.0	6	5.25	4.91	4			

Model **FDTW71KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 14.5 (m³/min)	10			5.82	4.29	6.96	4.87	7.53	5.01	8.01	5.09	8.97	5.48	9.31	5.32
	12			5.82	4.29	6.96	4.87	7.53	5.01	8.00	5.09	8.94	5.46	9.27	5.31
	14			5.82	4.29	6.96	4.87	7.53	5.01	7.99	5.08	8.90	5.45	9.23	5.29
	16			5.82	4.29	6.96	4.87	7.53	5.01	7.97	5.08	8.87	5.44	9.19	5.28
	18			5.82	4.29	6.96	4.87	7.53	5.01	7.96	5.07	8.84	5.43	9.15	5.26
	20			5.82	4.29	6.96	4.87	7.53	5.01	7.95	5.07	8.81	5.41	9.11	5.25
	22			5.81	4.29	6.95	4.86	7.53	5.01	7.92	5.06	8.70	5.37	8.99	5.20
	24			5.80	4.28	6.95	4.86	7.53	5.01	7.88	5.04	8.58	5.32	8.86	5.15
	26			5.80	4.28	6.92	4.85	7.46	4.98	7.79	4.99	8.45	5.27	8.73	5.10
	28	5.25	4.20	5.79	4.28	6.89	4.84	7.38	4.94	7.69	4.95	8.31	5.21	8.59	5.05
	30	5.25	4.20	5.78	4.27	6.83	4.80	7.31	4.91	7.60	4.91	8.19	5.16	8.46	5.00
	32	5.25	4.20	5.77	4.27	6.78	4.78	7.24	4.88	7.51	4.87	8.06	5.10	8.33	4.95
	34	5.25	4.20	5.75	4.26	6.76	4.77	7.15	4.83	7.39	4.82	7.89	5.04	8.16	4.89
	35	5.25	4.20	5.74	4.25	6.75	4.76	7.10	4.81	7.33	4.79	7.80	5.00	8.08	4.85
36	5.25	4.20	5.73	4.25	6.69	4.74	7.06	4.79	7.26	4.76	7.66	4.94	7.92	4.80	
38	5.25	4.20	5.72	4.24	6.59	4.70	6.99	4.75	7.12	4.69	7.38	4.83	7.61	4.66	
39	5.25	4.20	5.71	4.23	6.54	4.67	6.96	4.74	7.05	4.66	7.24	4.77	7.45	4.61	
41	5.25	4.20	5.69	4.23	6.35	4.59	6.67	4.62	6.76	4.55	6.92	4.64	7.10	4.50	
43	5.25	4.20	5.67	4.22	6.15	4.50	6.39	4.50	6.46	4.42	6.60	4.53	6.75	4.38	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi 14.5 (m³/min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
	-5.5	-6	6.88	6.88	6.88	6.88	6.88
	-3.4	-4	7.12	7.11	7.10	7.03	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
13.2	12	9.08	8.50	7.92	7.34	6.76	
16.9	15.5	9.01	8.43	7.85	7.27	6.69	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 12 (m³/min)	10			4.99	3.64	5.96	4.13	6.45	4.25	6.86	4.33	7.68	4.66	7.98	4.52
	12			4.99	3.64	5.96	4.13	6.45	4.25	6.85	4.32	7.66	4.65	7.94	4.51
	14			4.99	3.64	5.96	4.13	6.45	4.25	6.84	4.32	7.63	4.64	7.91	4.50
	16			4.99	3.64	5.96	4.13	6.45	4.25	6.83	4.31	7.60	4.62	7.87	4.48
	18			4.99	3.64	5.96	4.13	6.45	4.25	6.82	4.31	7.57	4.61	7.84	4.47
	20			4.99	3.64	5.96	4.13	6.45	4.25	6.81	4.31	7.54	4.60	7.81	4.46
	22			4.98	3.64	5.96	4.13	6.45	4.25	6.78	4.29	7.45	4.56	7.70	4.41
	24			4.97	3.63	5.96	4.13	6.45	4.25	6.75	4.28	7.35	4.51	7.59	4.37
	26			4.97	3.63	5.93	4.11	6.39	4.23	6.67	4.24	7.24	4.47	7.48	4.32
	28	4.50	3.56	4.96	3.63	5.90	4.10	6.33	4.19	6.59	4.20	7.12	4.41	7.36	4.27
	30	4.50	3.56	4.95	3.62	5.85	4.08	6.26	4.16	6.51	4.18	7.01	4.36	7.25	4.24
	32	4.50	3.56	4.94	3.62	5.81	4.06	6.20	4.13	6.44	4.14	6.90	4.32	7.14	4.20
	34	4.50	3.56	4.92	3.60	5.79	4.05	6.12	4.10	6.33	4.09	6.76	4.28	6.99	4.14
	35	4.50	3.56	4.91	3.60	5.78	4.05	6.08	4.08	6.28	4.06	6.69	4.24	6.92	4.11
36	4.50	3.56	4.91	3.60	5.73	4.02	6.05	4.06	6.22	4.04	6.57	4.19	6.78	4.06	
38	4.50	3.56	4.90	3.59	5.65	3.99	5.99	4.04	6.10	3.99	6.33	4.09	6.51	3.96	
39	4.50	3.56	4.89	3.59	5.60	3.96	5.96	4.03	6.04	3.98	6.21	4.04	6.38	3.91	
41	4.50	3.56	4.87	3.58	5.44	3.89	5.72	3.92	5.79	3.85	5.93	3.93	6.06	3.80	
43	4.50	3.56	4.86	3.58	5.27	3.80	5.47	3.81	5.53	3.73	5.65	3.82	5.78	3.70	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi 12 (m³/min)	-19.8	-20	3.89	3.89	3.89	3.89	3.89
	-17.8	-18	4.14	4.14	4.14	4.14	4.14
	-15.7	-16	4.39	4.39	4.39	4.39	4.39
	-13.7	-14	4.64	4.64	4.64	4.64	4.64
	-11.7	-12	4.89	4.89	4.89	4.89	4.89
	-9.6	-10	5.14	5.14	5.14	5.14	5.14
	-7.5	-8	5.46	5.46	5.46	5.46	5.46
	-5.5	-6	5.77	5.77	5.77	5.77	5.77
	-3.4	-4	5.97	5.96	5.95	5.90	5.84
	-1.3	-2	6.17	6.16	6.14	6.02	5.90
	0.8	0	6.51	6.42	6.32	6.10	5.87
	3.9	3	7.06	6.81	6.56	6.19	5.82
	7.0	6	7.72	7.21	6.71	6.24	5.77
	10.1	9	7.67	7.17	6.68	6.20	5.72
13.2	12	7.61	7.13	6.64	6.16	5.67	
16.9	15.5	7.56	7.07	6.58	6.10	5.61	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 10 (m³/min)	10			4.27	3.09	5.10	3.51	5.52	3.61	5.87	3.68	6.58	3.97	6.83	3.85
	12			4.27	3.09	5.10	3.51	5.52	3.61	5.86	3.68	6.55	3.95	6.80	3.83
	14			4.27	3.09	5.10	3.51	5.52	3.61	5.85	3.67	6.53	3.94	6.77	3.82
	16			4.27	3.09	5.10	3.51	5.52	3.61	5.85	3.67	6.50	3.93	6.74	3.81
	18			4.27	3.09	5.10	3.51	5.52	3.61	5.84	3.66	6.48	3.92	6.71	3.80
	20			4.27	3.09	5.10	3.51	5.52	3.61	5.83	3.66	6.46	3.91	6.68	3.79
	22			4.26	3.08	5.10	3.51	5.52	3.61	5.80	3.65	6.38	3.88	6.59	3.75
	24			4.25	3.08	5.10	3.51	5.52	3.61	5.78	3.64	6.29	3.84	6.50	3.72
	26			4.25	3.08	5.07	3.49	5.47	3.59	5.71	3.60	6.19	3.80	6.40	3.67
	28	3.85	3.02	4.25	3.08	5.05	3.48	5.41	3.56	5.64	3.57	6.10	3.76	6.30	3.63
	30	3.85	3.02	4.24	3.07	5.01	3.47	5.36	3.54	5.58	3.54	6.00	3.71	6.20	3.59
	32	3.85	3.02	4.23	3.07	4.97	3.44	5.31	3.52	5.51	3.51	5.91	3.68	6.11	3.56
	34	3.85	3.02	4.21	3.06	4.95	3.44	5.24	3.49	5.42	3.47	5.78	3.62	5.98	3.50
	35	3.85	3.02	4.21	3.06	4.95	3.44	5.21	3.47	5.38	3.46	5.72	3.59	5.92	3.48
36	3.85	3.02	4.20	3.05	4.91	3.42	5.18	3.46	5.33	3.43	5.62	3.55	5.81	3.44	
38	3.85	3.02	4.19	3.05	4.83	3.38	5.13	3.43	5.22	3.39	5.41	3.47	5.58	3.36	
39	3.85	3.02	4.19	3.05	4.80	3.37	5.10	3.42	5.17	3.36	5.31	3.43	5.46	3.31	
41	3.85	3.02	4.17	3.04	4.65	3.30	4.89	3.32	4.95	3.27	5.08	3.34	5.21	3.22	
43	3.85	3.02	4.16	3.03	4.51	3.23	4.68	3.23	4.74	3.17	4.84	3.24	4.95	3.13	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB
Me 10 (m³/min)	-19.8	-20	3.27	3.27	3.27	3.27	3.27
	-17.8	-18	3.48	3.48	3.48	3.48	3.48
	-15.7	-16	3.69	3.69	3.69	3.69	3.69
	-13.7	-14	3.91	3.91	3.91	3.91	3.91
	-11.7	-12	4.12	4.12	4.12	4.12	4.12
	-9.6	-10	4.33	4.33	4.33	4.33	4.33
	-7.5	-8	4.59	4.59	4.59	4.59	4.59
	-5.5	-6	4.85	4.85	4.85	4.85	4.85
	-3.4	-4	5.02	5.02	5.01	4.96	4.91
	-1.3	-2	5.19	5.18	5.16	5.07	4.97
	0.8	0	5.47	5.40	5.32	5.13	4.94
	3.9	3	5.94	5.73	5.52	5.21	4.90
	7.0	6	6.49	6.07	5.64	5.25	4.85
	10.1	9	6.45</				

Model **FDTW90KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			7.38	6.08	8.82	6.90	9.54	7.02	10.16	7.14	11.37	7.71	11.80	7.53
	12			7.38	6.08	8.82	6.90	9.54	7.02	10.14	7.14	11.33	7.70	11.75	7.50
	14			7.38	6.08	8.82	6.90	9.54	7.02	10.12	7.13	11.29	7.69	11.70	7.48
	16			7.38	6.08	8.82	6.90	9.54	7.02	10.11	7.13	11.25	7.66	11.65	7.47
	18			7.38	6.08	8.82	6.90	9.54	7.02	10.09	7.12	11.20	7.65	11.60	7.46
	20			7.38	6.08	8.82	6.90	9.54	7.02	10.08	7.11	11.16	7.64	11.55	7.43
	22			7.37	6.08	8.82	6.90	9.54	7.02	10.03	7.09	11.02	7.58	11.39	7.37
	24			7.36	6.07	8.81	6.89	9.54	7.02	9.99	7.08	10.88	7.53	11.24	7.33
	26			7.35	6.07	8.77	6.88	9.45	6.99	9.87	6.99	10.71	7.48	11.06	7.27
	28	6.66	6.01	7.34	6.07	8.73	6.85	9.36	6.96	9.75	6.95	10.54	7.40	10.89	7.21
	30	6.66	6.01	7.33	6.06	8.66	6.83	9.27	6.93	9.64	6.92	10.38	7.33	10.73	7.15
	32	6.66	6.01	7.31	6.06	8.60	6.81	9.18	6.90	9.53	6.89	10.22	7.27	10.56	7.05
	34	6.66	6.01	7.28	6.04	8.57	6.80	9.06	6.85	9.37	6.82	10.00	7.16	10.35	7.00
	35	6.66	6.01	7.27	6.04	8.55	6.77	9.00	6.83	9.30	6.80	9.89	7.13	10.24	6.97
36	6.66	6.01	7.26	6.04	8.49	6.75	8.96	6.82	9.21	6.77	9.72	7.08	10.04	6.92	
38	6.66	6.01	7.25	6.03	8.36	6.69	8.87	6.77	9.03	6.70	9.36	6.98	9.84	6.79	
39	6.66	6.01	7.24	6.03	8.29	6.67	8.82	6.75	8.94	6.65	9.16	6.90	9.44	6.72	
41	6.66	6.01	7.21	6.02	8.04	6.57	8.46	6.61	8.56	6.50	8.77	6.75	9.00	6.57	
43	6.66	6.01	7.19	6.01	7.80	6.47	8.10	6.46	8.19	6.37	8.62	6.62	8.56	6.44	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature											
		°CDB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB
P-Hi	-19.8	-20	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	
	-17.8	-18	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	
	-15.7	-16	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	
	-13.7	-14	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	6.92	
	-11.7	-12	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	7.29	
	-9.6	-10	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	7.67	
	-7.5	-8	8.13	8.13	8.13	8.13	8.13	8.13	8.13	8.13	8.13	8.13	
	-5.5	-6	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	8.60	
	-3.4	-4	8.90	8.89	8.88	8.88	8.79	8.79	8.70	8.70	8.61	8.61	
	-1.3	-2	9.20	9.18	9.15	9.15	8.98	8.98	8.80	8.80	8.63	8.63	
	0.8	0	9.70	9.58	9.43	9.09	8.75	8.75	8.50	8.50	8.25	8.25	
	3.9	3	10.53	10.15	9.78	9.23	8.68	8.68	8.43	8.43	8.18	8.18	
	7.0	6	11.50	10.75	10.00	9.30	8.60	8.60	8.35	8.35	8.10	8.10	
	10.1	9	11.43	10.69	9.96	9.24	8.53	8.53	8.28	8.28	8.03	8.03	
13.2	12	11.35	10.63	9.90	9.18	8.45	8.45	8.20	8.20	7.95	7.95		
16.9	15.5	11.26	10.54	9.81	9.09	8.36	8.36	8.11	8.11	7.86	7.86		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			6.87	5.45	7.97	6.17	8.63	6.31	9.18	6.36	10.28	6.90	10.67	6.73
	12			6.87	5.45	7.97	6.17	8.63	6.31	9.16	6.35	10.24	6.88	10.63	6.72
	14			6.87	5.45	7.97	6.17	8.63	6.31	9.15	6.35	10.21	6.88	10.58	6.69
	16			6.87	5.45	7.97	6.17	8.63	6.31	9.14	6.35	10.17	6.87	10.54	6.68
	18			6.87	5.45	7.97	6.17	8.63	6.31	9.13	6.35	10.13	6.84	10.49	6.67
	20			6.87	5.45	7.97	6.17	8.63	6.31	9.11	6.34	10.09	6.83	10.44	6.64
	22			6.86	5.45	7.97	6.17	8.63	6.31	9.07	6.33	9.97	6.78	10.30	6.60
	24			6.85	5.44	7.97	6.17	8.63	6.31	9.03	6.31	9.84	6.73	10.16	6.55
	26			6.85	5.44	7.93	6.15	8.54	6.27	8.92	6.28	9.68	6.67	10.00	6.49
	28	6.02	5.37	6.84	5.44	7.89	6.12	8.46	6.24	8.82	6.25	9.53	6.61	9.85	6.44
	30	6.02	5.37	6.82	5.43	7.83	6.10	8.38	6.20	8.72	6.20	9.38	6.55	9.70	6.35
	32	6.02	5.37	6.81	5.43	7.77	6.08	8.30	6.17	8.61	6.15	9.24	6.47	9.55	6.32
	34	6.02	5.37	6.79	5.42	7.74	6.06	8.19	6.12	8.48	6.10	9.04	6.41	9.35	6.27
	35	6.02	5.37	6.77	5.40	7.73	6.06	8.14	6.11	8.41	6.08	8.94	6.38	9.26	6.23
36	6.02	5.37	6.75	5.40	7.67	6.04	8.10	6.08	8.33	6.05	8.78	6.34	9.08	6.18	
38	6.02	5.37	6.55	5.39	7.56	5.98	8.02	6.05	8.16	5.99	8.46	6.22	8.72	6.06	
39	6.02	5.37	6.54	5.39	7.50	5.96	7.97	6.04	8.08	5.95	8.30	6.16	8.54	6.00	
41	6.02	5.37	6.52	5.38	7.27	5.87	7.65	5.90	7.74	5.81	7.93	6.02	8.14	5.86	
43	6.02	5.37	6.50	5.37	7.05	5.75	7.32	5.74	7.40	5.66	7.57	5.89	7.74	5.69	

Air flow	Outdoor air temperature	Indoor air temperature											
		°CDB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB	°CWB
Hi	-19.8	-20	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	
	-17.8	-18	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	
	-15.7	-16	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	
	-13.7	-14	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	
	-11.7	-12	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	
	-9.6	-10	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	6.83	
	-7.5	-8	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	
	-5.5	-6	7.66	7.66	7.66	7.66	7.66	7.66	7.66	7.66	7.66	7.66	
	-3.4	-4	7.93	7.92	7.91	7.91	7.83	7.83	7.75	7.75	7.67	7.67	
	-1.3	-2	8.20	8.18	8.15	8.00	7.84	7.84	7.70	7.70	7.56	7.56	
	0.8	0	8.65	8.52	8.40	8.10	7.80	7.80	7.60	7.60	7.40	7.40	
	3.9	3	9.38	9.05	8.71	8.22	7.73	7.73	7.53	7.53	7.33	7.33	
	7.0	6	10.25	9.58	8.91	8.29	7.66	7.66	7.46	7.46	7.26	7.26	
	10.1	9	10.18	9.53	8.88	8.24	7.60	7.60	7.40	7.40	7.20	7.20	
13.2	12	10.12	9.47	8.82	8.18	7.53	7.53	7.33	7.33	7.13	7.13		
16.9	15.5	10.04	9.39	8.75	8.10	7.45	7.45	7.25	7.25	7.05	7.05		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			5.90	4.78	7.05	5.40	7.63	5.53	8.12	5.60	9.09	6.04	9.44	5.90
	12			5.90	4.78	7.05	5.40	7.63	5.53	8.11	5.57	9.03	6.03	9.40	5.88
	14			5.90	4.78	7.05	5.40	7.63	5.53	8.10	5.57	9.03	6.02	9.36	5.87
	16			5.90	4.78	7.05	5.40	7.63	5.53	8.09	5.57	9.00	6.01	9.32	5.86
	18			5.90	4.78	7.05	5.40	7.63	5.53	8.07	5.56	8.96	6.00	9.28	5.83
	20			5.90	4.78	7.05	5.40	7.63	5.53	8.06	5.56	8.93	5.99	9.24	5.82
	22			5.89	4.77	7.05	5.40	7.63	5.53	8.03	5.55	8.82	5.95	9.11	5.78
	24			5.88	4.77	7.05	5.40	7.63	5.53	7.99	5.53	8.70	5.90	8.99	5.73
	26			5.88	4.77	7.02	5.39	7.56	5.50	7.89	5.50	8.57	5.85	8.85	5.68
	28	5.33	4.71	5.87	4.77	6.98	5.37	7.49	5.47	7.80	5.47	8.43	5.80	8.71	5.63
	30	5.33	4.71	5.86	4.76	6.93	5.35	7.41	5.43	7.71	5.43	8.30	5.75	8.58	5.59
	32	5.33	4.71	5.85	4.76	6.88	5.33	7.34	5.41	7.62	5.40	8.17	5.70	8.45	5.51
	34	5.33	4.71	5.83	4.74	6.85	5.32	7.25	5.38	7.50	5.35	8.00	5.64	8.28	5.47
	35	5.33	4.71	5.82	4.74	6.84	5.30	7.20	5.35	7.44	5.32	7.91	5.57	8.19	5.44
36	5.33	4.71	5.81	4.73	6										

Model **FDTW112KXE6F** Cooling mode

(kW)

Heating mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 31 (m ³ /min)	10			9.18	7.26	10.97	8.22	11.87	8.42	12.63	8.54	14.15	9.22	14.69	8.95
	12			9.18	7.26	10.97	8.22	11.87	8.42	12.61	8.53	14.10	9.21	14.63	8.93
	14			9.18	7.26	10.97	8.22	11.87	8.42	12.60	8.53	14.05	9.14	14.56	8.91
	16			9.18	7.26	10.97	8.22	11.87	8.42	12.58	8.52	14.00	9.13	14.50	8.89
	18			9.18	7.26	10.97	8.22	11.87	8.42	12.56	8.51	13.94	9.11	14.44	8.88
	20			9.18	7.26	10.97	8.22	11.87	8.42	12.55	8.51	13.89	9.09	14.37	8.86
	22			9.17	7.26	10.97	8.22	11.87	8.42	12.49	8.49	13.72	9.04	14.18	8.79
	24			9.15	7.25	10.97	8.22	11.87	8.42	12.43	8.45	13.54	8.98	13.98	8.71
	26			9.15	7.25	10.92	8.17	11.76	8.38	12.28	8.40	13.33	8.90	13.77	8.65
	28	8.29	7.15	9.14	7.24	10.86	8.14	11.65	8.33	12.14	8.34	13.11	8.81	13.56	8.57
	30	8.29	7.15	9.12	7.23	10.78	8.11	11.54	8.28	12.00	8.27	12.91	8.73	13.35	8.50
	32	8.29	7.15	9.09	7.22	10.70	8.08	11.42	8.23	11.85	8.22	12.71	8.65	13.15	8.42
	34	8.29	7.15	9.06	7.21	10.66	8.07	11.27	8.16	11.68	8.14	12.45	8.55	12.87	8.33
	35	8.29	7.15	9.05	7.21	10.64	8.06	11.20	8.10	11.57	8.11	12.37	8.49	12.74	8.27
	36	8.29	7.15	9.04	7.20	10.56	8.03	11.14	8.08	11.46	8.02	12.09	8.43	12.49	8.15
	38	8.29	7.15	9.02	7.20	10.40	7.97	11.03	8.04	11.24	7.95	11.85	8.22	12.00	8.01
39	8.29	7.15	9.00	7.19	10.32	7.94	10.98	8.02	11.13	7.91	11.43	8.15	11.75	7.94	
41	8.29	7.15	8.97	7.17	10.01	7.80	10.53	7.84	10.66	7.74	10.92	7.98	11.20	7.75	
43	8.29	7.15	8.94	7.16	9.70	7.67	10.08	7.67	10.19	7.55	10.41	7.81	10.65	7.58	

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
P-Hi 31 (m ³ /min)	-19.8	-20	7.25	7.25	7.25	7.25	7.25	
	-17.8	-18	7.72	7.72	7.72	7.72	7.72	
	-15.7	-16	8.18	8.18	8.18	8.18	8.18	
	-13.7	-14	8.65	8.65	8.65	8.65	8.65	
	-11.7	-12	9.12	9.12	9.12	9.12	9.12	
	-9.6	-10	9.58	9.58	9.58	9.58	9.58	
	-7.5	-8	10.17	10.17	10.17	10.17	10.17	
	-5.5	-6	10.75	10.75	10.75	10.75	10.75	
	-3.4	-4	11.13	11.11	11.09	10.98	10.88	
	0.8	0	12.13	11.95	11.78	11.36	10.94	
	3.9	3	13.16	12.69	12.22	11.53	10.84	
	7.0	6	14.38	13.44	12.50	11.63	10.75	
	10.1	9	14.28	13.37	12.45	11.55	10.66	
	13.2	12	14.19	13.28	12.38	11.47	10.56	
	16.9	15.5	14.08	13.17	12.27	11.36	10.45	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 27 (m ³ /min)	10			8.30	6.48	9.92	7.35	10.73	7.51	11.42	7.64	12.79	8.24	13.28	8.02
	12			8.30	6.48	9.92	7.35	10.73	7.51	11.40	7.64	12.75	8.23	13.23	8.01
	14			8.30	6.48	9.92	7.35	10.73	7.51	11.39	7.63	12.70	8.21	13.17	7.98
	16			8.30	6.48	9.92	7.35	10.73	7.51	11.37	7.61	12.65	8.18	13.11	7.96
	18			8.30	6.48	9.92	7.35	10.73	7.51	11.36	7.61	12.61	8.17	13.05	7.94
	20			8.30	6.48	9.92	7.35	10.73	7.51	11.34	7.60	12.56	8.15	13.00	7.91
	22			8.29	6.48	9.92	7.35	10.73	7.51	11.29	7.58	12.40	8.08	12.82	7.86
	24			8.28	6.47	9.92	7.35	10.73	7.51	11.24	7.57	12.24	8.02	12.64	7.79
	26			8.27	6.47	9.87	7.32	10.63	7.47	11.11	7.48	12.05	7.94	12.45	7.72
	28	7.49	6.39	8.26	6.46	9.82	7.30	10.53	7.43	10.97	7.43	11.86	7.87	12.25	7.65
	30	7.49	6.39	8.24	6.45	9.75	7.27	10.43	7.40	10.85	7.39	11.68	7.80	12.07	7.58
	32	7.49	6.39	8.22	6.45	9.67	7.23	10.33	7.35	10.72	7.34	11.50	7.73	11.89	7.48
	34	7.49	6.39	8.20	6.44	9.64	7.22	10.19	7.30	10.55	7.27	11.25	7.60	11.64	7.41
	35	7.49	6.39	8.18	6.43	9.62	7.21	10.13	7.28	10.46	7.24	11.13	7.57	11.52	7.38
	36	7.49	6.39	8.17	6.43	9.55	7.18	10.08	7.24	10.36	7.19	10.93	7.50	11.29	7.31
	38	7.49	6.39	8.15	6.42	9.40	7.12	9.97	7.20	10.16	7.11	10.53	7.36	10.85	7.16
39	7.49	6.39	8.14	6.41	9.33	7.09	9.92	7.17	10.06	7.07	10.33	7.28	10.62	7.08	
41	7.49	6.39	8.11	6.40	9.05	6.97	9.52	7.02	9.64	6.90	9.87	7.11	10.13	6.91	
43	7.49	6.39	8.08	6.39	8.77	6.84	9.11	6.84	9.21	6.73	9.41	6.94	9.63	6.74	

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
Hi 27 (m ³ /min)	-19.8	-20	6.46	6.46	6.46	6.46	6.46	
	-17.8	-18	6.88	6.88	6.88	6.88	6.88	
	-15.7	-16	7.29	7.29	7.29	7.29	7.29	
	-13.7	-14	7.71	7.71	7.71	7.71	7.71	
	-11.7	-12	8.13	8.13	8.13	8.13	8.13	
	-9.6	-10	8.54	8.54	8.54	8.54	8.54	
	-7.5	-8	9.06	9.06	9.06	9.06	9.06	
	-5.5	-6	9.58	9.58	9.58	9.58	9.58	
	-3.4	-4	9.92	9.90	9.89	9.79	9.69	
	-1.3	-2	10.25	10.22	10.19	10.00	9.80	
	0.8	0	10.81	10.65	10.50	10.12	9.75	
	3.9	3	11.73	11.31	10.89	10.28	9.66	
	7.0	6	12.81	11.98	11.14	10.36	9.58	
	10.1	9	12.73	11.91	11.10	10.30	9.50	
	13.2	12	12.64	11.84	11.03	10.22	9.41	
	16.9	15.5	12.55	11.74	10.93	10.12	9.32	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 23 (m ³ /min)	10			7.34	5.69	8.78	6.44	9.50	6.59	10.10	6.70	11.32	7.22	11.75	7.03
	12			7.34	5.69	8.78	6.44	9.50	6.59	10.09	6.70	11.28	7.21	11.70	7.01
	14			7.34	5.69	8.78	6.44	9.50	6.59	10.08	6.69	11.24	7.19	11.65	7.00
	16			7.34	5.69	8.78	6.44	9.50	6.59	10.06	6.69	11.19	7.18	11.60	6.97
	18			7.34	5.69	8.78	6.44	9.50	6.59	10.05	6.67	11.15	7.15	11.55	6.96
	20			7.34	5.69	8.78	6.44	9.50	6.59	10.04	6.67	11.11	7.14	11.50	6.94
	22			7.33	5.68	8.78	6.44	9.50	6.59	9.99	6.63	10.97	7.08	11.34	6.88
	24			7.32	5.67	8.77	6.44	9.50	6.59	9.94	6.61	10.83	7.02	11.18	6.82
	26			7.32	5.67	8.73	6.41	9.41	6.56	9.82	6.57	10.66	6.96	11.01	6.76
	28	6.63	5.58	7.31	5.66	8.69	6.40	9.32	6.52	9.71	6.53	10.49	6.89	10.84	6.70
	30	6.63	5.58	7.29	5.66	8.62	6.37	9.23	6.48	9.59	6.48	10.33	6.83	10.68	6.64
	32	6.63	5.58	7.27	5.65	8.56	6.33	9.14	6.44	9.48	6.43	10.17	6.76	10.52	6.55
	34	6.63	5.58	7.25	5.64	8.53	6.32	9.02	6.40	9.33	6.37	9.96	6.66	10.30	6.49
	35	6.63	5.58	7.24	5.63	8.51	6.32	8.96	6.36	9.26	6.34	9.85	6.62	10.19	6.46
	36	6.63	5.58	7.23	5.63	8.45	6.29	8.91	6.34	9.17	6.30	9.67	6.57	9.99	6.40
	38	6.63	5.58	7.21	5.62	8.32	6.23	8.82	6.31	8.99	6.23	9.32	6.44	9.80	6.26
39	6.63	5.58	7.20	5.62	8.25	6.21	8.78	6.28	8.90	6.19	9.14	6.37	9.40	6.19	
41	6.63	5.58	7.18	5.61	8.01	6.09	8.42	6.14	8.53	6.04	8.73	6.22	8.96	6.04	
43	6.63	5.58	7.15	5.60	7.76	5.99	8.06	5.99	8.15	5.86	8.33	6.07	8.52	5.88	

Air flow	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	
Me 23 (m ³ /min)	-19.8	-20	5.63	5.63	5.63	5.63	5.63	
	-17.8	-18	6.00	6.00	6.00	6.00	6.00	
	-15.7	-16	6.36	6.36	6.36	6.36	6.36	
	-13.7	-14	6.72	6.72	6.72	6.72	6.72	
	-11.7	-12	7.09	7.09	7.09	7.09	7.09	
	-9.6	-10	7.45	7.45	7.45	7.45	7.45	
	-7.5	-8	7.90	7.90	7.90	7.90	7.90	
	-5.5	-6	8.35	8.35	8.35	8.35	8.35	
	-3.4	-4	8.65					

Model **FDTW140KXE6F** Cooling mode

(kW)

Heating mode

(kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 31 (m³/min)	10	11.48	8.86	13.72	10.03	14.84	10.29	15.79	10.45	17.69	11.26	18.36	10.95		
	12			11.48	8.86	13.72	10.03	14.84	10.29	15.77	10.44	17.62	11.23	18.28	10.93
	14			11.48	8.86	13.72	10.03	14.84	10.29	15.75	10.43	17.56	11.21	18.20	10.90
	16			11.48	8.86	13.72	10.03	14.84	10.29	15.72	10.42	17.49	11.18	18.13	10.87
	18			11.48	8.86	13.72	10.03	14.84	10.29	15.70	10.41	17.43	11.16	18.05	10.85
	20			11.48	8.86	13.72	10.03	14.84	10.29	15.68	10.40	17.37	11.14	17.97	10.80
	22			11.46	8.85	13.71	10.03	14.84	10.29	15.61	10.37	17.15	11.05	17.72	10.71
	24			11.44	8.84	13.71	10.03	14.84	10.29	15.54	10.33	16.93	10.95	17.48	10.63
	26			11.43	8.83	13.64	10.00	14.70	10.23	15.35	10.25	16.86	10.85	17.21	10.54
	28	10.36	8.72	11.42	8.83	13.58	9.97	14.56	10.17	15.17	10.18	16.39	10.75	16.94	10.39
	30	10.36	8.72	11.40	8.82	13.48	9.93	14.42	10.11	14.99	10.10	16.14	10.64	16.69	10.31
	32	10.36	8.72	11.37	8.81	13.37	9.88	14.28	10.04	14.82	10.04	15.89	10.51	16.43	10.22
	34	10.36	8.72	11.33	8.79	13.32	9.86	14.09	9.96	14.58	9.92	15.56	10.39	16.09	10.10
	35	10.36	8.72	11.31	8.78	13.30	9.85	14.00	9.92	14.46	9.88	15.39	10.32	15.92	10.10
36	10.36	8.72	11.30	8.78	13.20	9.81	13.93	9.89	14.32	9.82	15.11	10.22	15.61	9.94	
38	10.36	8.72	11.27	8.76	13.00	9.72	13.79	9.83	14.05	9.71	14.56	10.02	15.00	9.73	
39	10.36	8.72	11.26	8.76	12.90	9.67	13.72	9.80	13.91	9.66	14.28	9.92	14.69	9.63	
41	10.36	8.72	11.22	8.74	12.51	9.50	13.16	9.58	13.32	9.41	13.65	9.69	14.00	9.41	
43	10.36	8.72	11.18	8.72	12.13	9.34	12.60	9.33	12.74	9.18	13.02	9.47	13.31	9.17	

Air flow	Outdoor air temperature		Indoor air temperature							
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB			
P-Hi 31 (m³/min)	-19.8	-20	9.28	9.28	9.28	9.28	9.28	9.28		
	-17.8	-18	9.88	9.88	9.88	9.88	9.88			
	-15.7	-16	10.47	10.47	10.47	10.47	10.47			
	-13.7	-14	11.07	11.07	11.07	11.07	11.07			
	-11.7	-12	11.67	11.67	11.67	11.67	11.67			
	-9.6	-10	12.27	12.27	12.27	12.27	12.27			
	-7.5	-8	13.01	13.01	13.01	13.01	13.01			
	-5.5	-6	13.76	13.76	13.76	13.76	13.76			
	-3.4	-4	14.24	14.24	14.24	14.24	14.06	13.92		
	-1.3	-2	14.72	14.68	14.64	14.36	14.06	13.82		
	0.8	0	15.52	15.30	15.08	14.54	14.00	13.58		
	3.9	3	16.84	16.24	15.64	14.76	13.88			
	7.0	6	18.40	17.20	16.00	14.88	13.76			
	10.1	9	18.28	17.11	15.94	14.79	13.64			
13.2	12	18.16	17.00	15.84	14.68	13.52				
16.9	15.5	18.02	16.86	15.70	14.54	13.38				

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 27 (m³/min)	10			10.38	7.75	12.40	8.78	13.42	9.03	14.28	9.17	15.89	9.89	16.60	9.60
	12			10.38	7.75	12.40	8.78	13.42	9.03	14.28	9.16	15.93	9.88	16.53	9.58
	14			10.38	7.75	12.40	8.78	13.42	9.03	14.24	9.15	15.87	9.83	16.46	9.55
	16			10.38	7.75	12.40	8.78	13.42	9.03	14.22	9.15	15.82	9.81	16.39	9.49
	18			10.38	7.75	12.40	8.78	13.42	9.03	14.20	9.14	15.76	9.79	16.32	9.46
	20			10.38	7.75	12.40	8.78	13.42	9.03	14.18	9.13	15.70	9.76	16.25	9.44
	22			10.36	7.74	12.40	8.78	13.42	9.03	14.11	9.10	15.50	9.65	16.02	9.36
	24			10.35	7.73	12.39	8.77	13.42	9.03	14.05	9.08	15.30	9.57	15.80	9.29
	26			10.34	7.73	12.34	8.75	13.29	8.96	13.88	8.99	15.06	9.48	15.56	9.21
	28	9.37	7.60	10.33	7.72	12.28	8.72	13.16	8.91	13.72	8.92	14.82	9.39	15.32	9.11
	30	9.37	7.60	10.30	7.71	12.18	8.68	13.04	8.85	13.56	8.85	14.60	9.30	15.09	9.02
	32	9.37	7.60	10.28	7.70	12.09	8.63	12.91	8.79	13.40	8.78	14.37	9.22	14.86	8.94
	34	9.37	7.60	10.24	7.67	12.05	8.61	12.74	8.71	13.18	8.69	14.07	9.09	14.55	8.83
	35	9.37	7.60	10.23	7.67	12.03	8.61	12.66	8.68	13.08	8.65	13.91	9.02	14.40	8.76
36	9.37	7.60	10.22	7.66	11.93	8.56	12.59	8.65	12.95	8.59	13.66	8.92	14.12	8.67	
38	9.37	7.60	10.19	7.65	11.75	8.48	12.47	8.60	12.70	8.48	13.16	8.73	13.56	8.46	
39	9.37	7.60	10.18	7.64	11.66	8.44	12.40	8.56	12.57	8.43	12.91	8.64	13.28	8.37	
41	9.37	7.60	10.14	7.63	11.31	8.28	11.90	8.34	12.05	8.21	12.34	8.41	12.66	8.11	
43	9.37	7.60	10.11	7.61	10.96	8.11	11.39	8.10	11.52	7.97	11.77	8.17	12.03	7.91	

Air flow	Outdoor air temperature		Indoor air temperature							
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB			
Hi 27 (m³/min)	-19.8	-20	8.27	8.27	8.27	8.27	8.27			
	-17.8	-18	8.80	8.80	8.80	8.80	8.80			
	-15.7	-16	9.34	9.34	9.34	9.34	9.34			
	-13.7	-14	9.87	9.87	9.87	9.87	9.87			
	-11.7	-12	10.40	10.40	10.40	10.40	10.40			
	-9.6	-10	10.93	10.93	10.93	10.93	10.93			
	-7.5	-8	11.60	11.60	11.60	11.60	11.60			
	-5.5	-6	12.26	12.26	12.26	12.26	12.26			
	-3.4	-4	12.69	12.67	12.66	12.53	12.41			
	-1.3	-2	13.12	13.08	13.05	12.80	12.55			
	0.8	0	13.83	13.68	13.44	12.96	12.48			
	3.9	3	15.01	14.47	13.94	13.15	12.37			
	7.0	6	16.40	15.33	14.26	13.26	12.26			
	10.1	9	16.29	15.25	14.21	13.18	12.16			
13.2	12	16.19	15.15	14.12	13.08	12.05				
16.9	15.5	16.06	15.03	13.99	12.96	11.92				

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 23 (m³/min)	10			9.18	6.78	10.97	7.69	11.87	7.91	12.63	8.05	14.15	8.66	14.69	8.41
	12			9.18	6.78	10.97	7.69	11.87	7.91	12.61	8.04	14.10	8.64	14.63	8.39
	14			9.18	6.78	10.97	7.69	11.87	7.91	12.59	8.03	14.04	8.61	14.56	8.37
	16			9.18	6.78	10.97	7.69	11.87	7.91	12.58	8.03	13.99	8.59	14.50	8.35
	18			9.18	6.78	10.97	7.69	11.87	7.91	12.56	8.02	13.94	8.58	14.44	8.33
	20			9.18	6.78	10.97	7.69	11.87	7.91	12.54	8.01	13.89	8.56	14.37	8.29
	22			9.17	6.78	10.97	7.69	11.87	7.91	12.49	7.98	13.72	8.49	14.18	8.22
	24			9.15	6.77	10.96	7.69	11.87	7.91	12.43	7.95	13.54	8.41	13.98	8.14
	26			9.15	6.77	10.91	7.65	11.76	7.86	12.28	7.89	13.33	8.32	13.76	8.05
	28	8.29	6.65	9.14	6.76	10.86	7.62	11.65	7.81	12.13	7.82	13.11	8.22	13.55	7.98
	30	8.29	6.65	9.12	6.75	10.78	7.59	11.53	7.75	11.99	7.78	12.91	8.15	13.35	7.90
	32	8.29	6.65	9.09	6.73	10.69	7.55	11.42	7.71	11.85	7.70	12.71	8.06	13.14	7.82
	34	8.29	6.65	9.06	6.72	10.66	7.54	11.27	7.64	11.66	7.62	12.44	7.95	12.87	7.71
	35	8.29	6.65	9.05	6.72	10.64	7.53	11.20	7.58	11.57	7.57	12.31	7.90	12.74	7.67
36	8.29	6.65	9.04	6.71	10.56	7.50	11.14	7.56	11.46	7.51	12.09	7.81	12.49	7.58	
38	8.29	6.65	9.01	6.70	10.40	7.43	11.03	7.51	11.24	7.42	11.65	7.64	12.00	7.38	
39	8.29	6.65	9.00	6.69	10.32	7.39	10.97	7.49	11.12	7.37	11.43	7.52	11.75	7.29	
41	8.29	6.65	8.97	6.68	10.01	7.25	10.53	7.31	10.68	7.18	10.92	7.34	11.20	7.12	
43	8.29	6.65	8.94	6.66	9.70	7.11	10.08	7.11	10.19	6.99	10.41	7.15	10.65	6.93	

(4) Ceiling cassette-1 way type (FDTs)

Model **FDTs45KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m³/min)	10			3.69	2.94	4.41	3.32	4.77	3.40	5.07	3.45	5.68	3.72	5.90	3.61
	12			3.69	2.94	4.41	3.32	4.77	3.40	5.07	3.45	5.66	3.71	5.88	3.61
	14			3.69	2.94	4.41	3.32	4.77	3.40	5.06	3.45	5.64	3.71	5.86	3.60
	16			3.69	2.94	4.41	3.32	4.77	3.40	5.05	3.44	5.62	3.70	5.83	3.59
	18			3.69	2.94	4.41	3.32	4.77	3.40	5.05	3.44	5.60	3.67	5.80	3.58
	20			3.69	2.94	4.41	3.32	4.77	3.40	5.04	3.44	5.58	3.67	5.78	3.58
	22			3.68	2.93	4.41	3.32	4.77	3.40	5.02	3.43	5.51	3.65	5.70	3.56
	24			3.68	2.93	4.41	3.32	4.77	3.40	4.99	3.42	5.44	3.63	5.62	3.53
	26			3.68	2.93	4.39	3.32	4.73	3.38	4.93	3.39	5.35	3.59	5.53	3.49
	28	3.33	2.89	3.67	2.93	4.37	3.30	4.68	3.37	4.88	3.37	5.27	3.56	5.44	3.46
	30	3.33	2.89	3.66	2.93	4.33	3.29	4.64	3.35	4.82	3.34	5.19	3.53	5.36	3.43
	32	3.33	2.89	3.65	2.92	4.30	3.28	4.59	3.33	4.76	3.32	5.11	3.50	5.28	3.40
	34	3.33	2.89	3.64	2.92	4.28	3.26	4.53	3.30	4.69	3.29	5.00	3.46	5.17	3.37
	35	3.33	2.89	3.64	2.92	4.28	3.26	4.50	3.29	4.65	3.27	4.95	3.44	5.12	3.35
	36	3.33	2.89	3.63	2.91	4.24	3.25	4.48	3.28	4.60	3.26	4.86	3.41	5.02	3.32
	38	3.33	2.89	3.62	2.90	4.18	3.22	4.43	3.26	4.52	3.22	4.68	3.32	4.82	3.24
39	3.33	2.89	3.62	2.90	4.15	3.20	4.41	3.25	4.47	3.20	4.59	3.30	4.72	3.21	
41	3.33	2.89	3.61	2.90	4.02	3.15	4.23	3.16	4.28	3.12	4.39	3.23	4.50	3.14	
43	3.33	2.89	3.59	2.89	3.90	3.11	4.05	3.10	4.09	3.06	4.18	3.16	4.28	3.07	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi 13 (m³/min)	-19.8	-20	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65
	-9.6	-10	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07
	-5.5	-6	4.30	4.30	4.30	4.30	4.30
	-3.4	-4	4.45	4.44	4.44	4.44	4.39
	-1.3	-2	4.60	4.59	4.58	4.58	4.49
	0.8	0	4.85	4.78	4.71	4.71	4.54
	3.9	3	5.26	5.08	4.89	4.61	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30
	10.1	9	5.71	5.35	4.98	4.62	4.26
	13.2	12	5.68	5.31	4.95	4.59	4.23
	16.9	15.5	5.63	5.27	4.91	4.54	4.18

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 12 (m³/min)	10			3.48	2.76	4.16	3.12	4.50	3.19	4.79	3.24	5.37	3.49	5.57	3.40
	12			3.48	2.76	4.16	3.12	4.50	3.19	4.78	3.23	5.35	3.49	5.55	3.40
	14			3.48	2.76	4.16	3.12	4.50	3.19	4.78	3.23	5.33	3.48	5.52	3.38
	16			3.48	2.76	4.16	3.12	4.50	3.19	4.77	3.23	5.31	3.48	5.50	3.38
	18			3.48	2.76	4.16	3.12	4.50	3.19	4.77	3.23	5.29	3.46	5.48	3.37
	20			3.48	2.76	4.16	3.12	4.50	3.19	4.76	3.23	5.27	3.46	5.45	3.36
	22			3.48	2.76	4.16	3.12	4.50	3.19	4.74	3.22	5.20	3.43	5.38	3.34
	24			3.47	2.75	4.16	3.12	4.50	3.19	4.71	3.20	5.14	3.40	5.30	3.31
	26			3.47	2.75	4.14	3.11	4.46	3.18	4.66	3.19	5.06	3.37	5.22	3.28
	28	3.14	2.71	3.47	2.75	4.12	3.10	4.42	3.15	4.60	3.16	4.97	3.34	5.14	3.25
	30	3.14	2.71	3.46	2.74	4.09	3.09	4.38	3.13	4.55	3.12	4.90	3.31	5.06	3.21
	32	3.14	2.71	3.45	2.74	4.06	3.07	4.33	3.11	4.50	3.11	4.82	3.27	4.99	3.19
	34	3.14	2.71	3.44	2.73	4.04	3.07	4.28	3.10	4.42	3.08	4.72	3.24	4.88	3.16
	35	3.14	2.71	3.43	2.73	4.04	3.07	4.25	3.09	4.39	3.07	4.67	3.22	4.83	3.14
	36	3.14	2.71	3.43	2.73	4.01	3.05	4.23	3.08	4.35	3.06	4.59	3.20	4.74	3.11
	38	3.14	2.71	3.42	2.73	3.94	3.02	4.18	3.05	4.26	3.02	4.42	3.13	4.55	3.05
39	3.14	2.71	3.42	2.73	3.91	3.01	4.16	3.05	4.22	3.00	4.33	3.10	4.46	3.01	
41	3.14	2.71	3.40	2.72	3.80	2.96	3.99	2.98	4.04	2.93	4.14	3.03	4.25	2.94	
43	3.14	2.71	3.39	2.72	3.68	2.91	3.82	2.90	3.87	2.87	3.95	2.96	4.04	2.86	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB
Hi 12 (m³/min)	-19.8	-20	2.72	2.72	2.72	2.72	2.72
	-17.8	-18	2.89	2.89	2.89	2.89	2.89
	-15.7	-16	3.07	3.07	3.07	3.07	3.07
	-13.7	-14	3.24	3.24	3.24	3.24	3.24
	-11.7	-12	3.42	3.42	3.42	3.42	3.42
	-9.6	-10	3.59	3.59	3.59	3.59	3.59
	-7.5	-8	3.81	3.81	3.81	3.81	3.81
	-5.5	-6	4.03	4.03	4.03	4.03	4.03
	-3.4	-4	4.17	4.16	4.16	4.16	4.11
	-1.3	-2	4.31	4.30	4.28	4.20	4.12
	0.8	0	4.54	4.48	4.41	4.26	4.10
	3.9	3	4.93	4.75	4.58	4.32	4.06
	7.0	6	5.38	5.03	4.68	4.35	4.03
	10.1	9	5.35	5.01	4.66	4.33	3.99
	13.2	12	5.31	4.98	4.64	4.30	3.96
	16.9	15.5	5.27	4.93	4.59	4.26	3.92

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 11 (m³/min)	10			3.27	2.57	3.90	2.90	4.22	2.97	4.49	3.02	5.03	3.26	5.23	3.17
	12			3.27	2.57	3.90	2.90	4.22	2.97	4.49	3.02	5.02	3.25	5.20	3.16
	14			3.27	2.57	3.90	2.90	4.22	2.97	4.48	3.01	5.00	3.25	5.18	3.16
	16			3.27	2.57	3.90	2.90	4.22	2.97	4.48	3.01	4.98	3.24	5.16	3.15
	18			3.27	2.57	3.90	2.90	4.22	2.97	4.47	3.01	4.96	3.23	5.14	3.14
	20			3.27	2.57	3.90	2.90	4.22	2.97	4.46	3.01	4.94	3.22	5.11	3.11
	22			3.26	2.56	3.90	2.90	4.22	2.97	4.44	3.00	4.88	3.20	5.04	3.09
	24			3.26	2.56	3.90	2.90	4.22	2.97	4.42	2.99	4.82	3.16	4.97	3.08
	26			3.25	2.56	3.88	2.90	4.18	2.96	4.37	2.97	4.74	3.14	4.90	3.06
	28	2.95	2.53	3.25	2.56	3.87	2.89	4.14	2.94	4.32	2.95	4.67	3.11	4.82	3.03
	30	2.95	2.53	3.24	2.56	3.84	2.88	4.10	2.93	4.27	2.93	4.59	3.08	4.75	3.00
	32	2.95	2.53	3.24	2.56	3.81	2.86	4.06	2.91	4.22	2.91	4.52	3.06	4.68	2.98
	34	2.95	2.53	3.23	2.55	3.79	2.86	4.01	2.89	4.15	2.88	4.43	3.02	4.58	2.94
	35	2.95	2.53	3.22	2.55	3.79	2.86	3.98	2.87	4.12	2.87	4.38	3.01	4.53	2.92
	36	2.95	2.53	3.22	2.55	3.76	2.85	3.96	2.87	4.08	2.85	4.30	2.98	4.44	2.89
	38	2.95	2.53	3.21	2.54	3.70	2.82	3.92	2.85	4.00	2.81	4.14	2.91	4.27	2.82
39	2.95	2.53	3.20	2.54	3.67	2.80	3.91	2.84	3.96	2.80	4.07	2.89	4.18	2.79	
41	2.95	2.53	3.19	2.53	3.56	2.75	3.75	2.77	3.79	2.72	3.89	2.81	3.98	2.74	
43	2.95	2.53	3.18	2.53	3.45	2.71	3.59	2.71	3.63	2.67	3.70	2.75	3.79	2.67	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB
Me 11 (m³/min)	-19.8	-20	2.53	2.53	2.53	2.53	2.53
	-17.8	-18	2.69	2.69	2.69	2.69	2.69
	-15.7	-16	2.85	2.85	2.85	2.85	2.85
	-13.7	-14	3.01	3.01	3.01	3.01	3.01
	-11.7	-12	3.18	3.18	3.18	3.18	3.18
	-9.6	-10	3.34	3.34	3.34	3.34	3.34
	-7.5	-8	3.54	3.54	3.54	3.54	3.54
	-5.5	-6	3.74	3.74	3.74	3.74	3.74
	-3.4	-4	3.88	3.87	3.86	3.83	3.79
	-1.3	-2	4.01	3.99	3.98	3.91	3.83
	0.8	0	4.22	4.16	4.10	3.96	3.81
	3.9	3	4.58	4.42	4.26	4.02	3.78
	7.0	6	5.01	4.68			

Model **FDT571KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 17 (m ³ /min)	10			5.82	4.44	6.96	5.03	7.53	5.17	8.01	5.25	8.97	5.66	9.31	5.50
	12			5.82	4.44	6.96	5.03	7.53	5.17	8.00	5.25	8.94	5.65	9.27	5.49
	14			5.82	4.44	6.96	5.03	7.53	5.17	7.99	5.24	8.90	5.63	9.23	5.48
	16			5.82	4.44	6.96	5.03	7.53	5.17	7.97	5.24	8.87	5.62	9.19	5.46
	18			5.82	4.44	6.96	5.03	7.53	5.17	7.96	5.22	8.84	5.60	9.15	5.44
	20			5.82	4.44	6.96	5.03	7.53	5.17	7.95	5.22	8.81	5.59	9.11	5.43
	22			5.81	4.44	6.95	5.03	7.53	5.17	7.92	5.21	8.70	5.55	8.99	5.38
	24			5.80	4.44	6.95	5.03	7.53	5.17	7.88	5.19	8.58	5.50	8.86	5.32
	26			5.80	4.44	6.92	5.01	7.46	5.14	7.79	5.15	8.45	5.44	8.73	5.27
	28	5.25	4.37	5.79	4.43	6.89	5.00	7.38	5.11	7.69	5.12	8.31	5.38	8.59	5.23
	30	5.25	4.37	5.78	4.43	6.83	4.98	7.31	5.07	7.60	5.07	8.19	5.34	8.46	5.18
	32	5.25	4.37	5.77	4.42	6.78	4.96	7.24	5.03	7.51	5.03	8.06	5.29	8.33	5.14
	34	5.25	4.37	5.75	4.41	6.76	4.95	7.15	4.99	7.39	4.97	7.89	5.23	8.16	5.08
	35	5.25	4.37	5.74	4.41	6.75	4.95	7.10	4.97	7.33	4.95	7.80	5.19	8.08	5.05
36	5.25	4.37	5.73	4.41	6.69	4.92	7.06	4.96	7.26	4.92	7.66	5.13	7.92	4.99	
38	5.25	4.37	5.72	4.40	6.59	4.88	6.99	4.93	7.12	4.87	7.38	5.03	7.61	4.89	
39	5.25	4.37	5.71	4.40	6.54	4.85	6.96	4.92	7.05	4.84	7.24	4.97	7.45	4.83	
41	5.25	4.37	5.69	4.39	6.35	4.76	6.67	4.79	6.76	4.72	6.92	4.85	7.10	4.69	
43	5.25	4.37	5.67	4.37	6.15	4.68	6.39	4.68	6.46	4.60	6.60	4.72	6.75	4.58	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi 17 (m ³ /min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	
	-17.8	-18	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	
	-15.7	-16	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	5.24	
	-13.7	-14	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	
	-11.7	-12	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	
	-9.6	-10	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	
	-7.5	-8	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	6.51	
	-5.5	-6	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88	
	-3.4	-4	7.12	7.11	7.10	7.03	7.03	6.96	6.96	6.88	6.88	6.88	6.88	6.88	6.88
	-1.3	-2	7.36	7.34	7.32	7.18	7.18	7.04	7.04	7.04	7.04	7.04	7.04	7.04	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.27	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
	3.9	3	8.42	8.12	7.82	7.38	7.38	6.94	6.94	6.94	6.94	6.94	6.94	6.94	6.94
	7.0	6	9.20	8.60	8.00	7.44	7.44	6.88	6.88	6.88	6.88	6.88	6.88	6.88	6.88
	10.1	9	9.14	8.56	7.97	7.40	7.40	6.82	6.82	6.82	6.82	6.82	6.82	6.82	6.82
13.2	12	9.08	8.50	7.92	7.34	7.34	6.76	6.76	6.76	6.76	6.76	6.76	6.76	6.76	
16.9	15.5	9.01	8.43	7.85	7.27	7.27	6.69	6.69	6.69	6.69	6.69	6.69	6.69	6.69	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 15 (m ³ /min)	10			5.28	4.00	6.31	4.53	6.83	4.66	7.27	4.72	8.14	5.08	8.45	4.95
	12			5.28	4.00	6.31	4.53	6.83	4.66	7.26	4.72	8.11	5.07	8.42	4.94
	14			5.28	4.00	6.31	4.53	6.83	4.66	7.25	4.72	8.08	5.06	8.38	4.93
	16			5.28	4.00	6.31	4.53	6.83	4.66	7.24	4.71	8.05	5.05	8.34	4.91
	18			5.28	4.00	6.31	4.53	6.83	4.66	7.23	4.71	8.02	5.04	8.31	4.90
	20			5.28	4.00	6.31	4.53	6.83	4.66	7.22	4.71	7.99	5.03	8.27	4.89
	22			5.27	3.99	6.31	4.53	6.83	4.66	7.18	4.69	7.89	5.00	8.16	4.85
	24			5.27	3.99	6.31	4.53	6.83	4.66	7.15	4.68	7.79	4.95	8.04	4.80
	26			5.26	3.99	6.28	4.52	6.77	4.63	7.07	4.64	7.67	4.90	7.92	4.76
	28	4.77	3.92	5.26	3.99	6.25	4.50	6.70	4.60	6.98	4.61	7.55	4.85	7.80	4.71
	30	4.77	3.92	5.25	3.98	6.20	4.48	6.64	4.57	6.90	4.57	7.43	4.81	7.68	4.67
	32	4.77	3.92	5.23	3.97	6.15	4.46	6.57	4.54	6.82	4.53	7.32	4.76	7.56	4.62
	34	4.77	3.92	5.22	3.97	6.13	4.45	6.49	4.50	6.71	4.49	7.16	4.70	7.41	4.57
	35	4.77	3.92	5.21	3.97	6.12	4.45	6.44	4.49	6.66	4.47	7.08	4.67	7.33	4.54
36	4.77	3.92	5.20	3.96	6.08	4.43	6.41	4.47	6.59	4.44	6.96	4.62	7.19	4.47	
38	4.77	3.92	5.19	3.96	5.98	4.39	6.35	4.44	6.47	4.39	6.70	4.51	6.90	4.39	
39	4.77	3.92	5.18	3.95	5.94	4.36	6.32	4.43	6.40	4.36	6.57	4.47	6.76	4.33	
41	4.77	3.92	5.16	3.95	5.76	4.29	6.06	4.32	6.13	4.25	6.28	4.36	6.44	4.23	
43	4.77	3.92	5.14	3.94	5.58	4.20	5.80	4.20	5.86	4.13	5.99	4.25	6.13	4.12	

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
Hi 15 (m ³ /min)	-19.8	-20	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	
	-17.8	-18	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	4.43	
	-15.7	-16	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	
	-13.7	-14	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	4.96	
	-11.7	-12	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	
	-9.6	-10	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	
	-7.5	-8	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	
	-5.5	-6	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17	
	-3.4	-4	6.38	6.37	6.37	6.30	6.30	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24
	-1.3	-2	6.60	6.58	6.56	6.44	6.44	6.31	6.31	6.31	6.31	6.31	6.31	6.31	6.31
	0.8	0	6.96	6.86	6.76	6.52	6.52	6.28	6.28	6.28	6.28	6.28	6.28	6.28	6.28
	3.9	3	7.55	7.28	7.01	6.62	6.62	6.22	6.22	6.22	6.22	6.22	6.22	6.22	6.22
	7.0	6	8.25	7.71	7.17	6.67	6.67	6.17	6.17	6.17	6.17	6.17	6.17	6.17	6.17
	10.1	9	8.19	7.67	7.15	6.63	6.63	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11
13.2	12	8.14	7.62	7.10	6.58	6.58	6.06	6.06	6.06	6.06	6.06	6.06	6.06	6.06	
16.9	15.5	8.08	7.56	7.04	6.52	6.52	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 12 (m ³ /min)	10			4.41	3.30	5.27	3.74	5.70	3.84	6.06	3.90	6.79	4.21	7.05	4.09
	12			4.41	3.30	5.27	3.74	5.70	3.84	6.05	3.90	6.77	4.20	7.02	4.07
	14			4.41	3.30	5.27	3.74	5.70	3.84	6.05	3.90	6.74	4.18	6.99	4.07
	16			4.41	3.30	5.27	3.74	5.70	3.84	6.04	3.90	6.72	4.18	6.96	4.06
	18			4.41	3.30	5.27	3.74	5.70	3.84	6.03	3.89	6.69	4.17	6.93	4.04
	20			4.41	3.30	5.27	3.74	5.70	3.84	6.02	3.88	6.67	4.16	6.90	4.03
	22			4.40	3.29	5.27	3.74	5.70	3.84	5.99	3.87	6.58	4.12	6.80	3.99
	24			4.39	3.29	5.26	3.73	5.70	3.84	5.97	3.86	6.50	4.09	6.71	3.96
	26			4.39	3.29	5.24	3.72	5.64	3.82	5.90	3.83</				

Model		FDU56KXE6F														Cooling mode														(kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Indoor air temperature																											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB															
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC														
P-Hi 13 (m ³ /min)	10			4.59	3.66	5.49	4.14	5.94	4.24	6.32	4.30	7.07	4.64	7.35	4.52																												
	12			4.59	3.66	5.49	4.14	5.94	4.24	6.31	4.29	7.05	4.63	7.31	4.50																												
	14			4.59	3.66	5.49	4.14	5.94	4.24	6.30	4.29	7.02	4.62	7.28	4.49																												
	16			4.59	3.66	5.49	4.14	5.94	4.24	6.29	4.28	7.00	4.61	7.25	4.48																												
	18			4.59	3.66	5.49	4.14	5.94	4.24	6.28	4.28	6.97	4.60	7.22	4.47																												
	20			4.59	3.66	5.49	4.14	5.94	4.24	6.27	4.28	6.95	4.59	7.19	4.46																												
	22			4.58	3.66	5.49	4.14	5.94	4.24	6.24	4.26	6.86	4.56	7.09	4.43																												
	24			4.58	3.66	5.48	4.14	5.94	4.24	6.21	4.25	6.77	4.52	6.99	4.39																												
	26			4.57	3.65	5.46	4.13	5.88	4.21	6.14	4.22	6.66	4.48	6.88	4.35																												
	28	4.14	3.60	4.57	3.65	5.43	4.12	5.82	4.19	6.07	4.19	6.56	4.44	6.78	4.32																												
	30	4.14	3.60	4.56	3.65	5.39	4.10	5.77	4.17	6.00	4.17	6.46	4.40	6.67	4.27																												
	32	4.14	3.60	4.55	3.65	5.35	4.08	5.71	4.14	5.93	4.14	6.36	4.36	6.57	4.24																												
	34	4.14	3.60	4.53	3.64	5.33	4.07	5.64	4.11	5.83	4.10	6.22	4.31	6.44	4.19																												
	35	4.14	3.60	4.52	3.63	5.32	4.07	5.60	4.10	5.79	4.08	6.16	4.28	6.37	4.17																												
	36	4.14	3.60	4.52	3.63	5.28	4.05	5.57	4.08	5.73	4.06	6.05	4.24	6.25	4.13																												
	38	4.14	3.60	4.51	3.63	5.20	4.02	5.52	4.06	5.62	4.01	5.82	4.16	6.00	4.05																												
39	4.14	3.60	4.50	3.62	5.16	4.00	5.49	4.05	5.56	3.99	5.71	4.12	5.87	4.00																													
41	4.14	3.60	4.49	3.62	5.00	3.93	5.26	3.96	5.33	3.90	5.46	4.03	5.60	3.91																													
43	4.14	3.60	4.47	3.61	4.85	3.87	5.04	3.87	5.10	3.81	5.21	3.94	5.32	3.82																													

Model		FDU56KXE6F														Heating mode														(kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Indoor air temperature																											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB																			
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB																
P-Hi 13 (m ³ /min)	-19.8	-20	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65																													
	-17.8	-18	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89																													
	-15.7	-16	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12																													
	-13.7	-14	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36																													
	-11.7	-12	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59	4.59																													
	-9.6	-10	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83	4.83																													
	-7.5	-8	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12	5.12																													
	-5.5	-6	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42	5.42																													
	-3.4	-4	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61	5.61																													
	-1.3	-2	5.80	5.78	5.76	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75																													
	0.8	0	6.11	6.02	5.94	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93	5.93																													
	3.9	3	6.63	6.39	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16																													
	7.0	6	7.25	6.77	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30																													
	10.1	9	7.20	6.74	6.28	6.28	6.28	6.28	6.28	6.28	6.28	6.28	6.28	6.28																													
	13.2	12	7.15	6.69	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24	6.24																													
	16.9	15.5	7.10	6.64	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18	6.18																													

Model		FDU56KXE6F														Cooling mode														(kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Indoor air temperature																											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB															
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC														
Hi 10 (m ³ /min)	10			4.41	3.23	5.27	3.66	5.70	3.77	6.07	3.83	6.80	4.13	7.06	4.01																												
	12			4.41	3.23	5.27	3.66	5.70	3.77	6.06	3.83	6.77	4.12	7.03	4.00																												
	14			4.41	3.23	5.27	3.66	5.70	3.77	6.05	3.82	6.75	4.11	7.00	3.99																												
	16			4.41	3.23	5.27	3.66	5.70	3.77	6.04	3.82	6.72	4.10	6.97	3.97																												
	18			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.70	4.09	6.94	3.96																												
	20			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.67	4.08	6.90	3.95																												
	22			4.40	3.22	5.27	3.66	5.70	3.77	6.00	3.80	6.59	4.04	6.81	3.91																												
	24			4.40	3.22	5.27	3.66	5.70	3.77	5.97	3.79	6.50	4.00	6.72	3.88																												
	26			4.39	3.22	5.24	3.65	5.65	3.74	5.90	3.76	6.40	3.96	6.61	3.83																												
	28	3.98	3.16	4.39	3.22	5.22	3.64	5.60	3.72	5.83	3.72	6.30	3.92	6.51	3.80																												
	30	3.98	3.16	4.38	3.21	5.18	3.62	5.54	3.69	5.76	3.69	6.20	3.87	6.41	3.75																												
	32	3.98	3.16	4.37	3.21	5.14	3.60	5.49	3.67	5.69	3.66	6.11	3.84	6.31	3.72																												
	34	3.98	3.16	4.35	3.20	5.12	3.59	5.42	3.64	5.60	3.62	5.98	3.78	6.18	3.67																												
	35	3.98	3.16	4.35	3.20	5.11	3.59	5.38	3.62	5.56	3.61	5.91	3.75	6.12	3.65																												
	36	3.98	3.16	4.34	3.19	5.07	3.57	5.35	3.61	5.50	3.58	5.81	3.71	6.00	3.60																												
	38	3.98	3.16	4.33	3.19	5.00	3.54	5.30	3.58	5.40	3.54	5.60	3.63	5.76	3.51																												
39	3.98	3.16	4.33	3.19	4.96	3.52	5.27	3.57	5.34	3.51	5.49	3.59	5.64	3.47																													
41	3.98	3.16	4.31	3.18	4.81	3.45	5.06	3.48	5.12	3.42	5.25	3.49	5.38	3.38																													
43	3.98	3.16	4.30	3.17	4.66	3.38	4.84	3.38	4.90	3.32	5.00	3.39	5.11	3.28																													

Model		FDU56KXE6F														Heating mode														(kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Indoor air temperature																											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB																			
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB																																	

Model **FDU112KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 36 (m ³ /min)	10			9.18	7.72	10.97	8.72	11.87	8.91	12.63	9.01	14.15	9.75	14.69	9.51
	12			9.18	7.72	10.97	8.72	11.87	8.91	12.61	9.00	14.10	9.71	14.63	9.43
	14			9.18	7.72	10.97	8.72	11.87	8.91	12.60	9.00	14.05	9.70	14.56	9.41
	16			9.18	7.72	10.97	8.72	11.87	8.91	12.58	8.99	14.00	9.69	14.50	9.40
	18			9.18	7.72	10.97	8.72	11.87	8.91	12.56	8.98	13.94	9.67	14.44	9.38
	20			9.18	7.72	10.97	8.72	11.87	8.91	12.55	8.98	13.89	9.65	14.37	9.36
	22			9.17	7.72	10.97	8.72	11.87	8.91	12.49	8.96	13.72	9.54	14.18	9.31
	24			9.15	7.71	10.97	8.72	11.87	8.91	12.43	8.94	13.54	9.48	13.98	9.25
	26			9.15	7.71	10.92	8.70	11.76	8.87	12.28	8.87	13.33	9.42	13.77	9.19
	28	8.29	7.59	9.14	7.71	10.86	8.66	11.65	8.81	12.14	8.82	13.11	9.35	13.55	9.11
	30	8.29	7.59	9.12	7.68	10.78	8.63	11.54	8.77	12.00	8.76	12.91	9.27	13.35	9.04
	32	8.29	7.59	9.09	7.67	10.70	8.60	11.42	8.71	11.85	8.71	12.71	9.21	13.15	8.98
	34	8.29	7.59	9.06	7.66	10.66	8.59	11.27	8.66	11.66	8.62	12.45	9.11	12.87	8.88
	35	8.29	7.59	9.05	7.65	10.64	8.58	11.20	8.63	11.57	8.59	12.31	9.05	12.74	8.85
	36	8.29	7.59	9.04	7.65	10.56	8.55	11.14	8.61	11.46	8.56	12.09	8.98	12.49	8.76
	38	8.29	7.59	9.02	7.64	10.40	8.48	11.03	8.56	11.24	8.47	11.65	8.83	12.00	8.60
39	8.29	7.59	9.00	7.60	10.32	8.45	10.98	8.54	11.13	8.43	11.43	8.75	11.75	8.52	
41	8.29	7.59	8.97	7.59	10.01	8.32	10.53	8.37	10.66	8.24	10.92	8.58	11.20	8.28	
43	8.29	7.59	8.94	7.58	9.70	8.19	10.08	8.17	10.19	8.06	10.41	8.34	10.65	8.13	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 36 (m ³ /min)	-19.8	-20	7.25	7.25	7.25	7.25	7.25
	-17.8	-18	7.72	7.72	7.72	7.72	7.72
	-15.7	-16	8.18	8.18	8.18	8.18	8.18
	-13.7	-14	8.65	8.65	8.65	8.65	8.65
	-11.7	-12	9.12	9.12	9.12	9.12	9.12
	-9.6	-10	9.58	9.58	9.58	9.58	9.58
	-7.5	-8	10.17	10.17	10.17	10.17	10.17
	-5.5	-6	10.75	10.75	10.75	10.75	10.75
	-3.4	-4	11.13	11.11	11.09	10.98	10.88
	-1.3	-2	11.50	11.47	11.44	11.22	11.00
	0.8	0	12.13	11.95	11.78	11.36	10.94
	3.9	3	13.16	12.69	12.22	11.53	10.84
	7.0	6	14.38	13.44	12.50	11.63	10.75
	10.1	9	14.28	13.37	12.45	11.55	10.66
	13.2	12	14.19	13.28	12.38	11.47	10.56
	16.9	15.5	14.08	13.17	12.27	11.36	10.45

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 28 (m ³ /min)	10			8.94	6.86	10.69	7.79	11.56	7.99	12.30	8.12	13.78	8.76	14.31	8.50
	12			8.94	6.86	10.69	7.79	11.56	7.99	12.29	8.11	13.73	8.74	14.25	8.48
	14			8.94	6.86	10.69	7.79	11.56	7.99	12.27	8.11	13.68	8.68	14.19	8.46
	16			8.94	6.86	10.69	7.79	11.56	7.99	12.25	8.10	13.63	8.67	14.13	8.44
	18			8.94	6.86	10.69	7.79	11.56	7.99	12.24	8.10	13.58	8.65	14.06	8.42
	20			8.94	6.86	10.69	7.79	11.56	7.99	12.22	8.08	13.53	8.63	14.00	8.41
	22			8.93	6.85	10.69	7.79	11.56	7.99	12.16	8.05	13.36	8.58	13.81	8.33
	24			8.92	6.85	10.68	7.79	11.56	7.99	12.11	8.04	13.19	8.51	13.62	8.26
	26			8.91	6.84	10.63	7.77	11.46	7.95	11.96	7.97	12.98	8.43	13.41	8.19
	28	8.07	6.77	8.90	6.84	10.58	7.75	11.35	7.90	11.82	7.91	12.77	8.34	13.20	8.11
	30	8.07	6.77	8.88	6.83	10.50	7.71	11.24	7.83	11.68	7.86	12.58	8.27	13.00	8.04
	32	8.07	6.77	8.86	6.82	10.42	7.68	11.13	7.79	11.55	7.77	12.39	8.19	12.81	7.97
	34	8.07	6.77	8.83	6.81	10.38	7.66	10.98	7.73	11.36	7.70	12.12	8.09	12.54	7.83
	35	8.07	6.77	8.82	6.81	10.36	7.65	10.91	7.71	11.27	7.67	11.99	8.04	12.41	7.79
	36	8.07	6.77	8.80	6.80	10.29	7.61	10.86	7.69	11.16	7.63	11.78	7.92	12.17	7.72
	38	8.07	6.77	8.78	6.79	10.13	7.55	10.75	7.64	10.95	7.55	11.35	7.79	11.69	7.57
39	8.07	6.77	8.77	6.79	10.05	7.51	10.69	7.61	10.84	7.49	11.13	7.70	11.45	7.48	
41	8.07	6.77	8.74	6.77	9.75	7.38	10.26	7.43	10.38	7.31	10.64	7.52	10.91	7.30	
43	8.07	6.77	8.71	6.76	9.45	7.24	9.82	7.24	9.93	7.14	10.14	7.33	10.37	7.12	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 28 (m ³ /min)	-19.8	-20	7.05	7.05	7.05	7.05	7.05
	-17.8	-18	7.51	7.51	7.51	7.51	7.51
	-15.7	-16	7.96	7.96	7.96	7.96	7.96
	-13.7	-14	8.41	8.41	8.41	8.41	8.41
	-11.7	-12	8.87	8.87	8.87	8.87	8.87
	-9.6	-10	9.32	9.32	9.32	9.32	9.32
	-7.5	-8	9.89	9.89	9.89	9.89	9.89
	-5.5	-6	10.46	10.46	10.46	10.46	10.46
	-3.4	-4	10.82	10.81	10.79	10.69	10.58
	-1.3	-2	11.19	11.16	11.13	10.91	10.70
	0.8	0	11.80	11.63	11.46	11.05	10.64
	3.9	3	12.80	12.34	11.89	11.22	10.55
	7.0	6	13.98	13.07	12.16	11.31	10.46
	10.1	9	13.89	13.00	12.11	11.24	10.37
	13.2	12	13.80	12.92	12.04	11.16	10.28
	16.9	15.5	13.70	12.81	11.93	11.05	10.17

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 25 (m ³ /min)	10			8.43	6.41	10.07	7.26	10.90	7.46	11.59	7.55	12.99	8.16	13.48	7.94
	12			8.43	6.41	10.07	7.26	10.90	7.46	11.58	7.55	12.94	8.15	13.43	7.92
	14			8.43	6.41	10.07	7.26	10.90	7.46	11.56	7.54	12.89	8.13	13.37	7.89
	16			8.43	6.41	10.07	7.26	10.90	7.46	11.55	7.54	12.85	8.10	13.31	7.87
	18			8.43	6.41	10.07	7.26	10.90	7.46	11.53	7.53	12.80	8.09	13.25	7.86
	20			8.43	6.41	10.07	7.26	10.90	7.46	11.52	7.53	12.75	8.07	13.19	7.82
	22			8.41	6.40	10.07	7.26	10.90	7.46	11.46	7.51	12.59	8.00	13.01	7.76
	24			8.40	6.39	10.07	7.26	10.90	7.46	11.41	7.49	12.43	7.94	12.83	7.69
	26			8.40	6.39	10.02	7.23	10.79	7.40	11.27	7.44	12.23	7.86	12.64	7.62
	28	7.61	6.29	8.39	6.39	9.97	7.21	10.69	7.36	11.14	7.38	12.04	7.78	12.44	7.54
	30	7.61	6.29	8.37	6.38	9.89	7.18	10.59	7.31	11.01	7.32	11.85	7.70	12.25	7.45
	32	7.61	6.29	8.35	6.37	9.82	7.14	10.49	7.28	10.88	7.26	11.67	7.63	12.07	7.39
	34	7.61	6.29	8.32	6.36	9.78	7.13	10.35	7.21	10.71	7.20	11.42	7.51	11.82	7.32
	35	7.61	6.29	8.31	6.35	9.77	7.12	10.28	7.19	10.62	7.15	11.30	7.47	11.69	7.28
	36	7.61	6.29	8.30	6.35	9.69	7.09	10.23	7.16	10.52	7.12	11.10	7.41	11.47	7.20
	38	7.61	6.29	8.28	6.34	9.55	7.03	10.13	7.12	10.31	7.02	10.69	7.25	11.01	7.04
39	7.61	6.29	8.27	6.34	9.47	7.00	10.07	7.10	10.21	6.98	10.49	7.17	10.78	6.96	
41	7.61	6.29	8.24	6.32	9.19	6.85	9.66	6.92	9.78	6.78	10.02	6.99	10.28	6.78	
43	7.61	6.29	8.21	6.31	8.90	6.74	9.25	6.73	9.35	6.63	9.56	6.82	9.77	6.58	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 25 (m ³ /min)	-19.8	-20	6.59	6.59	6.59	6.59	6.59
	-17.8	-18	7.01	7.01	7.01	7.01	7.01
	-15.7	-16	7.44	7.44	7.44	7.44	7.44
	-13.7	-14	7.86	7.86	7.86	7.86	7.86
	-11.7	-12	8.29	8.29	8.29	8.29	8.29
	-9.6	-10	8.71	8.71	8.71	8.71	8.71
	-7.5	-8					

Model FDU140KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
P-Hi 39 (m³/min)	10	11.48	9.96	13.72	11.27	14.84	11.49	15.79	11.62	17.69	12.56	18.36	12.26			
	12	11.48	9.96	13.72	11.27	14.84	11.49	15.77	11.61	17.62	12.53	18.28	12.23			
	14	11.48	9.96	13.72	11.27	14.84	11.49	15.75	11.60	17.56	12.51	18.20	12.20			
	16	11.48	9.96	13.72	11.27	14.84	11.49	15.72	11.59	17.49	12.49	18.13	12.18			
	18	11.48	9.96	13.72	11.27	14.84	11.49	15.70	11.58	17.43	12.46	18.05	12.15			
	20	11.48	9.96	13.72	11.27	14.84	11.49	15.68	11.57	17.37	12.44	17.97	12.13			
	22	11.46	9.96	13.71	11.26	14.84	11.49	15.61	11.55	17.15	12.36	17.72	12.04			
	24	11.44	9.95	13.71	11.26	14.84	11.49	15.54	11.52	16.93	12.28	17.48	11.96			
	26	11.43	9.94	13.64	11.23	14.70	11.43	15.35	11.45	16.66	12.18	17.21	11.87			
	28	10.36	9.84	11.42	9.94	13.58	11.21	14.56	11.38	15.17	11.38	16.39	12.09	16.94	11.79	
	30	10.36	9.84	11.40	9.93	13.48	11.17	14.42	11.32	14.99	11.31	16.14	12.00	16.69	11.70	
	32	10.36	9.84	11.37	9.92	13.37	11.12	14.28	11.26	14.82	11.24	15.89	11.91	16.43	11.62	
	34	10.36	9.84	11.33	9.90	13.32	11.10	14.09	11.19	14.58	11.15	15.56	11.79	16.09	11.51	
	35	10.36	9.84	11.31	9.89	13.30	11.09	14.00	11.15	14.46	11.10	15.39	11.73	15.92	11.45	
36	10.36	9.84	11.30	9.89	13.20	11.05	13.93	11.12	14.32	11.05	15.11	11.64	15.61	11.35		
38	10.36	9.84	11.27	9.87	13.00	10.97	13.79	11.07	14.05	10.95	14.56	11.44	15.00	11.16		
39	10.36	9.84	11.26	9.87	12.90	10.93	13.72	11.04	13.91	10.90	14.28	11.35	14.69	11.06		
41	10.36	9.84	11.22	9.85	12.51	10.78	13.16	10.82	13.32	10.68	13.65	11.13	14.00	10.84		
43	10.36	9.84	11.18	9.84	12.13	10.62	12.60	10.61	12.74	10.46	13.02	10.92	13.31	10.56		

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 39 (m³/min)	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
	-5.5	-6	13.76	13.76	13.76	13.76	13.76
	-3.4	-4	14.24	14.22	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	18.28	17.11	15.94	14.79	13.64
13.2	12	18.16	17.00	15.84	14.68	13.52	
16.9	15.5	18.02	16.86	15.70	14.54	13.38	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 32 (m³/min)	10			11.29	9.01	13.49	10.19	14.60	10.42	15.53	10.56	17.40	11.41	18.06	11.11
	12			11.29	9.01	13.49	10.19	14.60	10.42	15.51	10.56	17.33	11.38	17.98	11.08
	14			11.29	9.01	13.49	10.19	14.60	10.42	15.49	10.55	17.27	11.36	17.91	11.06
	16			11.29	9.01	13.49	10.19	14.60	10.42	15.47	10.54	17.21	11.34	17.83	11.03
	18			11.29	9.01	13.49	10.19	14.60	10.42	15.45	10.53	17.14	11.31	17.75	11.00
	20			11.29	9.01	13.49	10.19	14.60	10.42	15.42	10.52	17.08	11.29	17.67	10.97
	22			11.27	9.00	13.49	10.19	14.60	10.42	15.35	10.49	16.86	11.20	17.43	10.89
	24			11.26	9.00	13.48	10.18	14.60	10.42	15.28	10.46	16.65	11.12	17.19	10.80
	26			11.25	8.99	13.42	10.16	14.46	10.37	15.10	10.39	16.39	11.02	16.93	10.71
	28	10.19	8.86	11.24	8.99	13.36	10.13	14.32	10.31	14.92	10.31	16.12	10.92	16.66	10.62
	30	10.19	8.86	11.21	8.98	13.25	10.08	14.18	10.25	14.75	10.24	15.88	10.81	16.41	10.51
	32	10.19	8.86	11.18	8.96	13.15	10.04	14.05	10.19	14.57	10.17	15.63	10.72	16.16	10.43
	34	10.19	8.86	11.14	8.95	13.10	10.02	13.86	10.11	14.34	10.08	15.30	10.59	15.83	10.32
	35	10.19	8.86	11.13	8.94	13.08	10.01	13.77	10.08	14.23	10.04	15.14	10.54	15.66	10.26
36	10.19	8.86	11.11	8.93	12.98	9.97	13.70	10.05	14.09	9.98	14.86	10.43	15.36	10.16	
38	10.19	8.86	11.08	8.92	12.79	9.88	13.56	9.99	13.82	9.87	14.32	10.23	14.75	9.95	
39	10.19	8.86	11.07	8.91	12.69	9.84	13.49	9.96	13.68	9.82	14.05	10.14	14.45	9.85	
41	10.19	8.86	11.03	8.90	12.31	9.68	12.94	9.73	13.10	9.59	13.43	9.91	13.77	9.63	
43	10.19	8.86	10.99	8.88	11.93	9.52	12.39	9.51	12.53	9.37	12.80	9.69	13.09	9.41	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 32 (m³/min)	-19.8	-20	9.09	9.09	9.09	9.09	9.09
	-17.8	-18	9.68	9.68	9.68	9.68	9.68
	-15.7	-16	10.27	10.27	10.27	10.27	10.27
	-13.7	-14	10.85	10.85	10.85	10.85	10.85
	-11.7	-12	11.44	11.44	11.44	11.44	11.44
	-9.6	-10	12.02	12.02	12.02	12.02	12.02
	-7.5	-8	12.75	12.75	12.75	12.75	12.75
	-5.5	-6	13.48	13.48	13.48	13.48	13.48
	-3.4	-4	13.96	13.94	13.92	13.78	13.64
	-1.3	-2	14.43	14.39	14.35	14.07	13.80
	0.8	0	15.21	14.99	14.78	14.25	13.72
	3.9	3	16.50	15.92	15.33	14.46	13.60
	7.0	6	18.03	16.86	15.68	14.58	13.48
	10.1	9	17.91	16.77	15.62	14.49	13.37
13.2	12	17.80	16.66	15.52	14.39	13.25	
16.9	15.5	17.66	16.52	15.39	14.25	13.11	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 26 (m³/min)	10			10.75	8.05	12.86	9.13	13.91	9.38	14.80	9.53	16.57	10.27	17.21	9.98
	12			10.75	8.05	12.86	9.13	13.91	9.38	14.78	9.52	16.51	10.24	17.13	9.95
	14			10.75	8.05	12.86	9.13	13.91	9.38	14.76	9.51	16.45	10.22	17.06	9.92
	16			10.75	8.05	12.86	9.13	13.91	9.38	14.74	9.50	16.39	10.19	16.99	9.89
	18			10.75	8.05	12.86	9.13	13.91	9.38	14.72	9.49	16.33	10.17	16.91	9.86
	20			10.75	8.05	12.86	9.13	13.91	9.38	14.70	9.48	16.27	10.13	16.84	9.82
	22			10.74	8.04	12.85	9.13	13.91	9.38	14.63	9.45	16.07	10.05	16.61	9.74
	24			10.72	8.03	12.85	9.13	13.91	9.38	14.56	9.42	15.86	9.96	16.38	9.65
	26			10.72	8.03	12.79	9.10	13.78	9.32	14.39	9.35	15.61	9.86	16.13	9.56
	28	9.71	7.91	10.71	8.03	12.73	9.07	13.64	9.26	14.22	9.27	15.36	9.76	15.88	9.47
	30	9.71	7.91	10.68	8.01	12.63	9.03	13.51	9.20	14.05	9.20	15.13	9.67	15.64	9.38
	32	9.71	7.91	10.65	8.00	12.53	8.97	13.38	9.14	13.89	9.13	14.89	9.57	15.40	9.29
	34	9.71	7.91	10.62	7.98	12.49	8.95	13.21	9.06	13.66	9.03	14.58	9.45	15.08	9.17
	35	9.71	7.91	10.60	7.98	12.46	8.94	13.12	9.02	13.55	8.99	14.42	9.38	14.92	9.11
36	9.71	7.91	10.59	7.97	12.37	8.90	13.05	8.99	13.42	8.93	14.16	9.28	14.63	9.01	
38	9.71	7.91	10.56	7.96	12.18	8.81	12.92	8.94	13.16	8.82	13.64	9.08	14.05	8.81	
39	9.71	7.91	10.55	7.95	12.09	8.77	12.86	8.91	13.03	8.77	13.39	8.98	13.76	8.70	
41	9.71	7.91	10.51	7.93	11.73	8.61	12.33	8.67	12.49	8.53	12.79	8.74	13.12	8.47	
43	9.71	7.91	10.47	7.91	11.36	8.45	11.81	8.45	11.94	8.31	12.20	8.52	12.47	8.25	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 26 (m³/min)	-19.8	-20	8.61	8.61	8.61	8.61	8.61
	-17.8	-18	9.1				

Model FDU160KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 48 (m ³ /min)	10			13.12	11.09	15.68	12.51	16.96	12.79	18.04	12.94	20.21	13.99	20.99	13.66
	12			13.12	11.09	15.68	12.51	16.96	12.79	18.02	12.93	20.14	13.96	20.90	13.61
	14			13.12	11.09	15.68	12.51	16.96	12.79	18.00	12.93	20.07	13.94	20.81	13.58
	16			13.12	11.09	15.68	12.51	16.96	12.79	17.97	12.92	19.99	13.91	20.72	13.56
	18			13.12	11.09	15.68	12.51	16.96	12.79	17.95	12.91	19.92	13.89	20.62	13.53
	20			13.12	11.09	15.68	12.51	16.96	12.79	17.92	12.90	19.85	13.84	20.53	13.50
	22			13.10	11.08	15.67	12.51	16.96	12.79	17.84	12.87	19.60	13.76	20.25	13.39
	24			13.08	11.08	15.67	12.51	16.96	12.79	17.75	12.84	19.34	13.67	19.97	13.30
	26			13.07	11.07	15.59	12.48	16.80	12.73	17.55	12.74	19.04	13.55	19.67	13.19
	28	11.84	10.95	13.06	11.07	15.52	12.45	16.64	12.65	17.34	12.67	18.73	13.45	19.36	13.09
	30	11.84	10.95	13.02	11.05	15.40	12.41	16.48	12.59	17.14	12.59	18.45	13.33	19.07	12.98
	32	11.84	10.95	12.99	11.04	15.28	12.36	16.32	12.53	16.93	12.50	18.16	13.24	18.78	12.90
	34	11.84	10.95	12.95	11.00	15.23	12.34	16.11	12.45	16.66	12.40	17.78	13.09	18.39	12.76
	35	11.84	10.95	12.93	10.99	15.20	12.33	16.00	12.39	16.53	12.36	17.59	13.03	18.20	12.70
36	11.84	10.95	12.91	10.98	15.09	12.29	15.92	12.36	16.37	12.27	17.27	12.90	17.85	12.60	
38	11.84	10.95	12.88	10.97	14.86	12.18	15.76	12.30	16.05	12.16	16.64	12.62	17.14	12.30	
39	11.84	10.95	12.86	10.96	14.74	12.13	15.68	12.27	15.89	12.11	16.32	12.52	16.79	12.20	
41	11.84	10.95	12.82	10.95	14.30	11.94	15.04	12.01	15.23	11.85	15.60	12.29	16.00	11.98	
43	11.84	10.95	12.77	10.93	13.86	11.78	14.40	11.76	14.56	11.60	14.87	12.06	15.21	11.75	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB °CWB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi 48 (m ³ /min)	-19.8	-20	10.44	10.44	10.44	10.44	10.44	
	-17.8	-18	11.11	11.11	11.11	11.11	11.11	
	-15.7	-16	11.78	11.78	11.78	11.78	11.78	
	-13.7	-14	12.46	12.46	12.46	12.46	12.46	
	-11.7	-12	13.13	13.13	13.13	13.13	13.13	
	-9.6	-10	13.80	13.80	13.80	13.80	13.80	
	-7.5	-8	14.64	14.64	14.64	14.64	14.64	
	-5.5	-6	15.48	15.48	15.48	15.48	15.48	
	-3.4	-4	16.02	16.00	15.98	15.82	15.66	
	-1.3	-2	16.56	16.52	16.47	16.16	15.84	
	0.8	0	17.46	17.21	16.97	16.36	15.75	
	3.9	3	18.95	18.27	17.60	16.61	15.62	
	7.0	6	20.70	19.35	18.00	16.74	15.48	
	10.1	9	20.57	19.25	17.93	16.64	15.35	
13.2	12	20.43	19.13	17.82	16.52	15.21		
16.9	15.5	20.27	18.97	17.66	16.36	15.05		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 35 (m ³ /min)	10			12.90	9.64	15.42	10.94	16.68	11.24	17.75	11.43	19.88	12.29	20.65	11.97
	12			12.90	9.64	15.42	10.94	16.68	11.24	17.73	11.42	19.81	12.27	20.56	11.94
	14			12.90	9.64	15.42	10.94	16.68	11.24	17.70	11.41	19.74	12.24	20.47	11.89
	16			12.90	9.64	15.42	10.94	16.68	11.24	17.68	11.40	19.67	12.22	20.38	11.86
	18			12.90	9.64	15.42	10.94	16.68	11.24	17.65	11.37	19.60	12.19	20.29	11.83
	20			12.90	9.64	15.42	10.94	16.68	11.24	17.63	11.36	19.52	12.16	20.20	11.78
	22			12.88	9.63	15.42	10.94	16.68	11.24	17.55	11.33	19.28	12.06	19.92	11.68
	24			12.87	9.63	15.41	10.94	16.68	11.24	17.47	11.30	19.03	11.95	19.65	11.59
	26			12.85	9.62	15.34	10.89	16.53	11.17	17.26	11.20	18.73	11.83	19.35	11.47
	28	11.65	9.47	12.84	9.62	15.27	10.86	16.37	11.10	17.06	11.11	18.43	11.70	19.05	11.36
	30	11.65	9.47	12.81	9.60	15.15	10.82	16.21	11.02	16.86	11.03	18.15	11.59	18.76	11.25
	32	11.65	9.47	12.78	9.59	15.03	10.75	16.05	10.96	16.66	10.94	17.87	11.47	18.48	11.14
	34	11.65	9.47	12.74	9.57	14.98	10.73	15.84	10.86	16.39	10.82	17.49	11.32	18.09	10.96
	35	11.65	9.47	12.72	9.56	14.95	10.72	15.74	10.82	16.26	10.77	17.30	11.24	17.90	10.90
36	11.65	9.47	12.70	9.55	14.84	10.64	15.66	10.77	16.10	10.69	16.99	11.09	17.56	10.79	
38	11.65	9.47	12.67	9.54	14.61	10.55	15.50	10.71	15.79	10.58	16.37	10.88	16.86	10.56	
39	11.65	9.47	12.65	9.53	14.50	10.50	15.43	10.68	15.64	10.47	16.06	10.76	16.51	10.43	
41	11.65	9.47	12.61	9.50	14.07	10.33	14.80	10.39	14.98	10.22	15.35	10.48	15.74	10.15	
43	11.65	9.47	12.57	9.48	13.63	10.14	14.17	10.12	14.32	9.96	14.63	10.20	14.96	9.88	

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB °CWB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi 35 (m ³ /min)	-19.8	-20	10.23	10.23	10.23	10.23	10.23	
	-17.8	-18	10.89	10.89	10.89	10.89	10.89	
	-15.7	-16	11.55	11.55	11.55	11.55	11.55	
	-13.7	-14	12.21	12.21	12.21	12.21	12.21	
	-11.7	-12	12.87	12.87	12.87	12.87	12.87	
	-9.6	-10	13.52	13.52	13.52	13.52	13.52	
	-7.5	-8	14.35	14.35	14.35	14.35	14.35	
	-5.5	-6	15.17	15.17	15.17	15.17	15.17	
	-3.4	-4	15.70	15.68	15.66	15.50	15.35	
	-1.3	-2	16.23	16.18	16.14	15.83	15.52	
	0.8	0	17.11	16.87	16.63	16.03	15.44	
	3.9	3	18.57	17.90	17.24	16.27	15.30	
	7.0	6	20.29	18.96	17.64	16.41	15.17	
	10.1	9	20.15	18.86	17.57	16.31	15.04	
13.2	12	20.02	18.74	17.46	16.18	14.91		
16.9	15.5	19.87	18.59	17.31	16.03	14.75		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 28 (m ³ /min)	10			12.07	8.60	14.42	9.77	15.60	10.08	16.60	10.27	18.60	11.07	19.31	10.74
	12			12.07	8.60	14.42	9.77	15.60	10.08	16.58	10.27	18.53	11.04	19.22	10.70
	14			12.07	8.60	14.42	9.77	15.60	10.08	16.56	10.26	18.46	11.02	19.14	10.67
	16			12.07	8.60	14.42	9.77	15.60	10.08	16.53	10.25	18.39	10.98	19.06	10.64
	18			12.07	8.60	14.42	9.77	15.60	10.08	16.51	10.24	18.33	10.95	18.97	10.59
	20			12.07	8.60	14.42	9.77	15.60	10.08	16.49	10.23	18.26	10.93	18.89	10.56
	22			12.05	8.57	14.42	9.77	15.60	10.08	16.41	10.18	18.03	10.81	18.63	10.45
	24			12.03	8.56	14.41	9.77	15.60	10.08	16.33	10.15	17.80	10.71	18.38	10.35
	26			12.02	8.55	14.35	9.74	15.46	10.00	16.14	10.06	17.52	10.59	18.09	10.23
	28	10.89	8.41	12.01	8.55	14.28	9.70	15.31	9.93	15.95	9.97	17.24	10.46	17.81	10.10
	30	10.89	8.41	11.98	8.54	14.17	9.65	15.16	9.87	15.77	9.87	16.97	10.32	17.54	10.00
	32	10.89	8.41	11.95	8.52	14.06	9.59	15.01	9.79	15.58	9.79	16.71	10.22	17.28	9.90
	34	10.89	8.41	11.91	8.50	14.01	9.57	14.82	9.70	15.33	9.68	16.36	10.08	16.92	9.77
	35	10.89	8.41	11.89	8.50	13.98	9.56	14.72	9.66	15.21	9.63	16.18	10.00	16.74	9.69
36	10.89	8.41	11.88	8.49	13.88	9.52	14.65	9.63	15.06	9.56	15.89	9.87	16.42	9.57	
38	10.89	8.41	11.85	8.48	13.67	9.41	14.50	9.56	14.77	9.43	15.31	9.64	15.77	9.31	
39	10.89	8.41	11.83	8.47	13.56	9.35	14.43	9.53	14.62	9.36	15.02	9.52	15.44	9.16	
41	10.89	8.41	11.79	8.45	13.16	9.17	13.84	9.25	14.01	9.09	14.35	9.22	14.72	8.93	
43	10.89	8.41	11.75	8.43	12.75	8.96	13.25	8.95	13.39	8.80	13.68	8.97	13.99	8.67	

Air flow	Outdoor air temperature</
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Model FDU224KXZE1 **Cooling mode** (kW) **Heating mode** (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
P-Hi 80 (m³/min)	10	18.36	17.63	21.95	19.91	23.74	20.22	25.26	20.44	28.30	22.13	29.38	21.66			
	12	18.36	17.63	21.95	19.91	23.74	20.22	25.26	20.44	28.30	22.13	29.38	21.66			
	14	18.36	17.63	21.95	19.91	23.74	20.22	25.19	20.37	28.09	22.05	29.13	21.58			
	16	18.36	17.63	21.95	19.91	23.74	20.22	25.16	20.36	27.99	22.02	29.00	21.54			
	18	18.36	17.63	21.95	19.91	23.74	20.22	25.13	20.35	27.89	21.99	28.87	21.50			
	20	18.36	17.63	21.95	19.91	23.74	20.22	25.09	20.33	27.79	21.96	28.75	21.46			
	22	18.34	17.61	21.94	19.90	23.74	20.22	24.97	20.29	27.43	21.84	28.36	21.20			
	24	18.31	17.58	21.93	19.90	23.74	20.22	24.86	20.25	27.08	21.72	27.96	21.08			
	26	18.29	17.56	21.83	19.86	23.52	20.14	24.57	20.14	26.66	21.45	27.53	20.95			
	28	16.58	15.92	18.28	17.55	21.73	19.82	23.30	20.06	24.27	20.04	26.23	21.10	20.82		
	30	16.58	15.92	18.23	17.50	21.56	19.71	23.07	19.97	23.99	19.94	25.83	21.18	26.70	20.70	
	32	16.58	15.92	18.19	17.46	21.39	19.65	22.85	19.89	23.71	19.84	25.43	21.04	26.29	20.58	
	34	16.58	15.92	18.13	17.40	21.32	19.62	22.55	19.78	23.33	19.71	24.89	20.87	25.75	20.42	
	35	16.58	15.92	18.10	17.38	21.28	19.61	22.40	19.72	23.14	19.64	24.62	20.78	25.48	20.34	
	36	16.58	15.92	18.08	17.36	21.12	19.55	22.29	19.68	22.92	19.57	24.18	20.64	24.98	20.20	
	38	16.58	15.92	18.03	17.31	20.80	19.43	22.06	19.60	22.47	19.36	23.30	20.35	23.99	19.90	
39	16.58	15.92	18.01	17.29	20.64	19.37	21.95	19.52	22.25	19.29	22.85	20.21	23.50	19.76		
41	16.58	15.92	17.95	17.23	20.02	19.13	21.06	19.20	21.32	18.96	21.84	19.89	22.40	19.44		
43	16.58	15.92	17.88	17.16	19.40	18.62	20.16	18.87	20.38	18.64	20.82	19.57	21.30	19.12		

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 80 (m³/min)	-19.8	-20	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
	-17.8	-18	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43	15.43
	-15.7	-16	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37	16.37
	-13.7	-14	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30	17.30
	-11.7	-12	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23	18.23
	-9.6	-10	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17	19.17
	-7.5	-8	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33	20.33
	-5.5	-6	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50
	-3.4	-4	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25	22.25
	-1.3	-2	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00
	0.8	0	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25	24.25
	3.9	3	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38
	7.0	6	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75	26.75
	10.1	9	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56	28.56
	13.2	12	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38	28.38
	16.9	15.5	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16	28.16

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Hi 72 (m³/min)	10	16.56	15.89	19.79	17.93	21.41	18.21	22.78	18.41	25.52	19.93	26.50	19.51			
	12	16.56	15.89	19.79	17.93	21.41	18.21	22.75	18.40	25.43	19.90	26.38	19.47			
	14	16.56	15.89	19.79	17.93	21.41	18.21	22.72	18.35	25.33	19.86	26.27	19.44			
	16	16.56	15.89	19.79	17.93	21.41	18.21	22.69	18.34	25.24	19.84	26.15	19.40			
	18	16.56	15.89	19.79	17.93	21.41	18.21	22.66	18.33	25.15	19.81	26.04	19.37			
	20	16.56	15.89	19.79	17.93	21.41	18.21	22.63	18.32	25.06	19.78	25.92	19.33			
	22	16.53	15.87	19.79	17.93	21.41	18.21	22.52	18.28	24.74	19.67	25.57	19.10			
	24	16.51	15.85	19.78	17.92	21.41	18.21	22.42	18.24	24.42	19.56	25.22	18.99			
	26	16.50	15.84	19.69	17.89	21.21	18.14	22.15	18.14	24.04	19.44	24.83	18.87			
	28	14.95	14.35	16.48	15.82	19.59	17.85	21.01	18.06	21.89	18.05	23.65	19.19	24.44	18.76	
	30	14.95	14.35	16.44	15.78	19.44	17.76	20.81	17.99	21.63	17.96	23.29	19.07	24.08	18.65	
	32	14.95	14.35	16.40	15.74	19.29	17.70	20.60	17.92	21.38	17.87	22.93	18.95	23.71	18.54	
	34	14.95	14.35	16.35	15.70	19.22	17.68	20.33	17.81	21.04	17.75	22.45	18.80	23.22	18.39	
	35	14.95	14.35	16.32	15.67	19.19	17.66	20.20	17.77	20.87	17.69	22.20	18.72	22.98	18.32	
	36	14.95	14.35	16.30	15.65	19.05	17.61	20.10	17.73	20.67	17.62	21.81	18.59	22.53	18.19	
	38	14.95	14.35	16.26	15.61	18.76	17.50	19.90	17.66	20.27	17.45	21.01	18.33	21.64	17.93	
39	14.95	14.35	16.24	15.59	18.61	17.44	19.80	17.58	20.07	17.37	20.61	18.20	21.19	17.79		
41	14.95	14.35	16.18	15.53	18.05	17.23	18.99	17.29	19.22	17.08	19.69	17.91	20.20	17.50		
43	14.95	14.35	16.13	15.48	17.50	16.80	18.18	17.00	18.38	16.79	18.78	17.62	19.20	17.22		

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 72 (m³/min)	-19.8	-20	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
	-17.8	-18	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89	13.89
	-15.7	-16	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73	14.73
	-13.7	-14	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57	15.57
	-11.7	-12	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41	16.41
	-9.6	-10	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25
	-7.5	-8	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30	18.30
	-5.5	-6	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35	19.35
	-3.4	-4	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03	20.03
	-1.3	-2	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70	20.70
	0.8	0	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83	21.83
	3.9	3	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68	23.68
	7.0	6	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88	25.88
	10.1	9	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71	25.71
	13.2	12	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54
	16.9	15.5	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34	25.34

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 64 (m³/min)	10	14.75	14.14	17.64	15.96	19.08	16.21	20.30							

Model FDU280KXZE1 **Cooling mode** (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10	22.95	19.57	27.44	22.09	29.68	22.51	31.58	22.83	35.37	24.71	36.73	24.08		
	12	22.95	19.57	27.44	22.09	29.68	22.51	31.53	22.81	35.24	24.66	36.57	24.03		
	14	22.95	19.57	27.44	22.09	29.68	22.51	31.49	22.80	35.12	24.62	36.41	23.98		
	16	22.95	19.57	27.44	22.09	29.68	22.51	31.45	22.78	34.99	24.53	36.25	23.93		
	18	22.95	19.57	27.44	22.09	29.68	22.51	31.41	22.77	34.86	24.49	36.09	23.88		
	20	22.95	19.57	27.44	22.09	29.68	22.51	31.36	22.75	34.73	24.44	35.93	23.83		
	22	22.92	19.55	27.43	22.08	29.68	22.51	31.22	22.61	34.29	24.29	35.44	23.67		
	24	22.89	19.54	27.42	22.08	29.68	22.51	31.07	22.56	33.85	24.14	34.95	23.52		
	26	22.87	19.54	27.29	22.02	29.40	22.40	30.71	22.42	33.32	23.96	34.42	23.30		
	28	20.72	19.34	22.85	19.53	27.16	21.97	29.12	22.29	30.34	22.28	32.78	23.73	33.88	23.13
	30	20.72	19.34	22.79	19.50	26.95	21.89	28.84	22.18	29.99	22.16	32.29	23.56	33.37	22.98
	32	20.72	19.34	22.74	19.48	26.74	21.81	28.56	22.07	29.64	22.03	31.79	23.39	32.87	22.82
	34	20.72	19.34	22.66	19.45	26.65	21.77	28.19	21.93	29.16	21.85	31.11	23.11	32.19	22.56
	35	20.72	19.34	22.62	19.43	26.60	21.75	28.00	21.86	28.93	21.76	30.78	23.00	31.85	22.46
36	20.72	19.34	22.60	19.42	26.40	21.67	27.86	21.81	28.65	21.66	30.23	22.82	31.23	22.27	
38	20.72	19.34	22.54	19.40	26.00	21.51	27.58	21.70	28.09	21.45	29.12	22.44	29.99	21.84	
39	20.72	19.34	22.51	19.38	25.80	21.43	27.44	21.65	27.82	21.36	28.57	22.21	29.37	21.65	
41	20.72	19.34	22.43	19.35	25.02	21.13	26.32	21.22	26.65	20.94	27.30	21.79	28.00	21.09	
43	20.72	19.34	22.35	19.32	24.25	20.83	25.20	20.80	25.48	20.51	26.03	21.24	26.62	20.68	

Heating mode (kW)

Outdoor air temperature	Indoor air temperature						
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
P-Hi	-19.8	-20	18.27	18.27	18.27	18.27	18.27
	-17.8	-18	19.45	19.45	19.45	19.45	19.45
	-15.7	-16	20.62	20.62	20.62	20.62	20.62
	-13.7	-14	21.80	21.80	21.80	21.80	21.80
	-11.7	-12	22.97	22.97	22.97	22.97	22.97
	-9.6	-10	24.15	24.15	24.15	24.15	24.15
	-7.5	-8	25.62	25.62	25.62	25.62	25.62
	-5.5	-6	27.09	27.09	27.09	27.09	27.09
	-3.4	-4	28.04	28.00	27.96	27.68	27.41
	-1.3	-2	28.98	28.90	28.82	28.27	27.72
	0.8	0	30.56	30.12	29.69	28.63	27.56
	3.9	3	33.15	31.97	30.79	29.06	27.33
	7.0	6	36.23	33.86	31.50	29.30	27.09
	10.1	9	35.99	33.69	31.38	29.12	26.85
13.2	12	35.75	33.47	31.19	28.90	26.62	
16.9	15.5	35.48	33.19	30.91	28.63	26.34	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10	20.66	17.62	24.69	19.87	26.71	20.25	28.42	20.54	31.83	22.24	33.05	21.67		
	12	20.66	17.62	24.69	19.87	26.71	20.25	28.38	20.53	31.72	22.20	32.91	21.63		
	14	20.66	17.62	24.69	19.87	26.71	20.25	28.34	20.52	31.60	22.16	32.77	21.58		
	16	20.66	17.62	24.69	19.87	26.71	20.25	28.30	20.50	31.49	22.08	32.63	21.54		
	18	20.66	17.62	24.69	19.87	26.71	20.25	28.27	20.49	31.37	22.04	32.48	21.49		
	20	20.66	17.62	24.69	19.87	26.71	20.25	28.23	20.47	31.26	22.00	32.34	21.44		
	22	20.63	17.60	24.68	19.87	26.71	20.25	28.10	20.35	30.86	21.86	31.90	21.30		
	24	20.60	17.59	24.67	19.86	26.71	20.25	27.96	20.30	30.47	21.73	31.46	21.16		
	26	20.58	17.58	24.66	19.82	26.46	20.16	27.64	20.18	29.99	21.56	30.98	20.98		
	28	18.65	17.41	20.56	17.57	24.44	19.77	26.21	20.06	27.31	20.06	29.51	21.36	30.49	20.82
	30	18.65	17.41	20.51	17.55	24.26	19.70	25.96	19.96	26.99	19.94	29.06	21.20	30.04	20.68
	32	18.65	17.41	20.46	17.53	24.07	19.63	25.70	19.86	26.67	19.82	28.61	21.05	29.58	20.53
	34	18.65	17.41	20.40	17.51	23.98	19.59	25.37	19.74	26.25	19.67	28.00	20.80	28.97	20.31
	35	18.65	17.41	20.36	17.49	23.94	19.58	25.20	19.67	26.03	19.58	27.70	20.70	28.66	20.21
36	18.65	17.41	20.34	17.48	23.76	19.51	25.07	19.62	25.78	19.49	27.20	20.53	28.11	20.04	
38	18.65	17.41	20.29	17.46	23.40	19.36	24.82	19.53	25.28	19.31	26.21	20.20	26.99	19.65	
39	18.65	17.41	20.26	17.45	23.22	19.29	24.70	19.48	25.03	19.22	25.71	19.99	26.44	19.49	
41	18.65	17.41	20.19	17.42	22.52	19.02	23.69	19.10	23.98	18.84	24.57	19.61	25.20	18.99	
43	18.65	17.41	20.12	17.39	21.83	18.75	22.68	18.72	22.93	18.46	23.43	19.12	23.96	18.61	

Outdoor air temperature	Indoor air temperature						
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi	-19.8	-20	16.47	16.47	16.47	16.47	16.47
	-17.8	-18	17.53	17.53	17.53	17.53	17.53
	-15.7	-16	18.59	18.59	18.59	18.59	18.59
	-13.7	-14	19.65	19.65	19.65	19.65	19.65
	-11.7	-12	20.71	20.71	20.71	20.71	20.71
	-9.6	-10	21.77	21.77	21.77	21.77	21.77
	-7.5	-8	23.10	23.10	23.10	23.10	23.10
	-5.5	-6	24.42	24.42	24.42	24.42	24.42
	-3.4	-4	25.28	25.24	25.21	24.96	24.71
	-1.3	-2	26.13	26.06	25.99	25.49	24.99
	0.8	0	27.55	27.16	26.77	25.81	24.85
	3.9	3	29.89	28.83	27.76	26.20	24.64
	7.0	6	32.66	30.53	28.40	26.41	24.42
	10.1	9	32.45	30.37	28.29	26.25	24.21
13.2	12	32.23	30.18	28.12	26.06	24.00	
16.9	15.5	31.99	29.93	27.87	25.81	23.75	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10	18.36	15.65	21.95	17.67	23.74	18.01	25.26	18.26	28.30	19.77	29.38	19.26		
	12	18.36	15.65	21.95	17.67	23.74	18.01	25.23	18.25	28.19	19.73	29.25	19.22		
	14	18.36	15.65	21.95	17.67	23.74	18.01	25.19	18.24	28.09	19.70	29.13	19.18		
	16	18.36	15.65	21.95	17.67	23.74	18.01	25.16	18.23	27.99	19.63	29.00	19.14		
	18	18.36	15.65	21.95	17.67	23.74	18.01	25.13	18.21	27.89	19.59	28.87	19.10		
	20	18.36	15.65	21.95	17.67	23.74	18.01	25.09	18.20	27.79	19.56	28.75	19.07		
	22	18.34	15.65	21.94	17.66	23.74	18.01	24.97	18.09	27.43	19.43	28.36	18.94		
	24	18.31	15.64	21.93	17.66	23.74	18.01	24.86	18.05	27.08	19.31	27.96	18.81		
	26	18.29	15.63	21.83	17.62	23.52	17.92	24.57	17.94	26.66	19.16	27.53	18.64		
	28	16.58	15.47	18.28	15.62	21.73	17.58	23.30	17.83	24.27	17.83	26.23	18.98	27.10	18.51
	30	16.58	15.47	18.23	15.60	21.56	17.51	23.07	17.74	23.99	17.72	25.83	18.85	26.70	18.38
	32	16.58	15.47	18.19	15.58	21.39	17.44	22.85	17.66	23.71	17.62	25.43	18.71	26.29	18.25
	34	16.58	15.47	18.13	15.56	21.32	17.41	22.55	17.54	23.33	17.48	24.89	18.49	25.75	18.05
	35	16.58	15.47	18.10	15.55	21.28	17.40	22.40	17.49	23.14	17.41	24.62	18.40	25.48	17.97
36	16.58	15.47	18.08	15.54	21.12	17.34	22.29	17.44	22.92	17.33	24.18	18.25	24.98	17.81	
38	16.58	15.47	18.03	15.52	20.80	17.21	22.06	17.36	22.47	17.16	23.30	17.96	23.99	17.47	
39	16.58	15.47	18.01	15.51	20.64	17.15	21.95	17.32	22.25	17.08	22.85	17.77	23.50	17.32	
41	16.58	15.47	17.95	15.48	20.02	16.90	21.06	16.98	21.32	16.75	21.84	17.43	22.40	16.88	
43	16.58	15.47	17.88	15.45	19.40	16.66	20.16	16.64	20.38	16.41	20.82	16.99	21.30	16.54	

Outdoor air temperature	Indoor air temperature						
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me	-19.8	-20	14.62	14.62	14.62	14.62	14.62
	-17.8	-18	15.56	15.56	15.56	15.56	15.56
	-15.7	-16	16.50	16.50	16.50	16.50	16.50
	-13.7	-14	17.44	17.44	17.4		

(6) Duct connected-Low/Middle static pressure type (FDUM)

Model		FDUM22KXE6F Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			1.80	1.73	2.16	2.07	2.33	2.24	2.48	2.38	2.78	2.67	2.89	2.77
	12			1.80	1.73	2.16	2.07	2.33	2.24	2.48	2.38	2.77	2.66	2.87	2.76
	14			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.76	2.65	2.86	2.75
	16			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.75	2.64	2.85	2.74
	18			1.80	1.73	2.16	2.07	2.33	2.24	2.47	2.37	2.74	2.63	2.84	2.73
	20			1.80	1.73	2.16	2.07	2.33	2.24	2.46	2.36	2.73	2.62	2.82	2.71
	22			1.80	1.73	2.15	2.06	2.33	2.24	2.45	2.35	2.69	2.58	2.78	2.67
	24			1.80	1.73	2.15	2.06	2.33	2.24	2.44	2.34	2.66	2.55	2.75	2.64
	26			1.80	1.73	2.14	2.05	2.31	2.22	2.41	2.31	2.62	2.52	2.70	2.59
	28	1.63	1.56	1.80	1.73	2.13	2.04	2.29	2.20	2.38	2.28	2.58	2.48	2.66	2.55
	30	1.63	1.56	1.79	1.72	2.12	2.04	2.27	2.18	2.36	2.27	2.54	2.44	2.62	2.52
	32	1.63	1.56	1.79	1.72	2.10	2.02	2.24	2.15	2.33	2.24	2.50	2.40	2.58	2.48
	34	1.63	1.56	1.78	1.71	2.09	2.01	2.21	2.12	2.29	2.20	2.44	2.34	2.53	2.43
	35	1.63	1.56	1.78	1.71	2.09	2.01	2.20	2.11	2.27	2.18	2.42	2.32	2.50	2.40
	36	1.63	1.56	1.78	1.71	2.07	1.99	2.19	2.10	2.25	2.16	2.37	2.28	2.45	2.35
	38	1.63	1.56	1.77	1.70	2.04	1.96	2.17	2.08	2.21	2.12	2.29	2.20	2.36	2.27
39	1.63	1.56	1.77	1.70	2.03	1.95	2.16	2.07	2.19	2.10	2.24	2.15	2.31	2.22	
41	1.63	1.56	1.76	1.69	1.97	1.89	2.07	1.99	2.09	2.01	2.14	2.05	2.20	2.11	
43	1.63	1.56	1.76	1.69	1.91	1.83	1.98	1.90	2.00	1.92	2.05	1.97	2.09	2.01	

Model		FDUM22KXE6F Heating mode (kW)													
Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB							
		P-Hi	-19.8	-20	1.45	1.45	1.45	1.45	1.45						
-17.8	-18		1.54	1.54	1.54	1.54	1.54								
-15.7	-16		1.64	1.64	1.64	1.64	1.64								
-13.7	-14		1.73	1.73	1.73	1.73	1.73								
-11.7	-12		1.82	1.82	1.82	1.82	1.82								
-9.6	-10		1.92	1.92	1.92	1.92	1.92								
-7.5	-8		2.03	2.03	2.03	2.03	2.03								
-5.5	-6		2.15	2.15	2.15	2.15	2.15								
-3.4	-4		2.23	2.22	2.22	2.20	2.18								
-1.3	-2		2.30	2.29	2.29	2.24	2.20								
0.8	0		2.43	2.39	2.36	2.27	2.19								
3.9	3		2.63	2.54	2.44	2.31	2.17								
7.0	6		2.88	2.69	2.50	2.33	2.15								
10.1	9		2.86	2.67	2.49	2.31	2.13								
13.2	12		2.84	2.66	2.48	2.29	2.11								
16.9	15.5		2.82	2.63	2.45	2.27	2.09								

Model		FDUM22KXE6F Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			1.78	1.71	2.13	2.04	2.30	2.21	2.45	2.35	2.74	2.58	2.85	2.54
	12			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.73	2.58	2.83	2.53
	14			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.72	2.58	2.82	2.53
	16			1.78	1.71	2.13	2.04	2.30	2.21	2.44	2.34	2.71	2.57	2.81	2.52
	18			1.78	1.71	2.13	2.04	2.30	2.21	2.43	2.33	2.70	2.57	2.80	2.52
	20			1.78	1.71	2.13	2.04	2.30	2.21	2.43	2.33	2.69	2.57	2.78	2.52
	22			1.78	1.71	2.13	2.04	2.30	2.21	2.42	2.32	2.66	2.55	2.75	2.51
	24			1.77	1.70	2.12	2.04	2.30	2.21	2.41	2.31	2.62	2.52	2.71	2.49
	26			1.77	1.70	2.11	2.03	2.28	2.19	2.38	2.28	2.58	2.48	2.67	2.48
	28	1.61	1.55	1.77	1.70	2.10	2.02	2.26	2.17	2.35	2.26	2.54	2.44	2.63	2.47
	30	1.61	1.55	1.77	1.70	2.09	2.01	2.24	2.15	2.32	2.23	2.50	2.40	2.59	2.46
	32	1.61	1.55	1.76	1.69	2.07	1.99	2.21	2.12	2.30	2.21	2.46	2.36	2.55	2.45
	34	1.61	1.55	1.76	1.69	2.07	1.99	2.18	2.09	2.26	2.17	2.41	2.31	2.49	2.39
	35	1.61	1.55	1.75	1.68	2.06	1.98	2.17	2.08	2.24	2.15	2.39	2.29	2.47	2.37
	36	1.61	1.55	1.75	1.68	2.05	1.97	2.16	2.07	2.22	2.13	2.34	2.25	2.42	2.32
	38	1.61	1.55	1.75	1.68	2.01	1.93	2.14	2.05	2.18	2.09	2.26	2.17	2.32	2.23
39	1.61	1.55	1.74	1.67	2.00	1.92	2.13	2.04	2.16	2.07	2.21	2.12	2.28	2.19	
41	1.61	1.55	1.74	1.67	1.94	1.86	2.04	1.96	2.07	1.99	2.12	2.04	2.17	2.08	
43	1.61	1.55	1.73	1.66	1.88	1.80	1.95	1.87	1.97	1.89	2.02	1.94	2.06	1.98	

Model		FDUM22KXE6F Heating mode (kW)													
Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB							
		Hi	-19.8	-20	1.43	1.43	1.43	1.43	1.43						
-17.8	-18		1.52	1.52	1.52	1.52	1.52								
-15.7	-16		1.61	1.61	1.61	1.61	1.61								
-13.7	-14		1.70	1.70	1.70	1.70	1.70								
-11.7	-12		1.79	1.79	1.79	1.79	1.79								
-9.6	-10		1.89	1.89	1.89	1.89	1.89								
-7.5	-8		2.00	2.00	2.00	2.00	2.00								
-5.5	-6		2.12	2.12	2.12	2.12	2.12								
-3.4	-4		2.19	2.19	2.18	2.16	2.14								
-1.3	-2		2.26	2.26	2.25	2.21	2.16								
0.8	0		2.39	2.35	2.32	2.24	2.15								
3.9	3		2.59	2.50	2.40	2.27	2.13								
7.0	6		2.83	2.64	2.46	2.29	2.12								
10.1	9		2.81	2.63	2.45	2.27	2.10								
13.2	12		2.79	2.61	2.44	2.26	2.08								
16.9	15.5		2.77	2.59	2.41	2.24	2.06								

Model		FDUM22KXE6F Cooling mode (kW)													
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			1.70	1.63	2.04	1.96	2.20	2.11	2.35	2.20	2.63	2.38	2.73	2.33
	12			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.62	2.38	2.72	2.33
	14			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.61	2.37	2.70	2.32
	16			1.70	1.63	2.04	1.96	2.20	2.11	2.34	2.19	2.60	2.37	2.69	2.32
	18			1.70	1.63	2.04	1.96	2.20	2.11	2.33	2.19	2.59	2.37	2.68	2.32
	20			1.70	1.63	2.04	1.96	2.20	2.11	2.33	2.19	2.58	2.36	2.67	2.31
	22			1.70	1.63	2.04	1.96	2.20	2.11	2.32	2.19	2.55	2.35	2.63	2.30
	24			1.70	1.63	2.04	1.96	2.20	2.11	2.31	2.18	2.51	2.34	2.60	2.29
	26			1.70	1.63	2.03	1.95	2.18	2.09	2.28	2.17	2.48	2.33	2.56	2.28
	28	1.54	1.48	1.70	1.63	2.02	1.94	2.16	2.07	2.25	2.16	2.44	2.32	2.52	2.27
	30	1.54	1.48	1.69	1.62	2.00	1.92	2.14	2.05	2.23	2.14	2.40	2.30	2.48	2.26
	32	1.54	1.48	1.69	1.62	1.99	1.91	2.12	2.04	2.20	2.11	2.36	2.27	2.44	2.25
	34	1.54	1.48	1.68	1.61	1.98	1.90	2.09	2.01	2.17	2.08	2.31	2.22	2.39	2.23
	35	1.54	1.48	1.68	1.61	1.98	1.90	2.08	2.00	2.15	2.06	2.29	2.20	2.37	2.22
	36	1.54	1.48	1.68	1.61	1.96	1.88	2.07	1.99	2.13	2.04	2.25	2.16	2.32	2.21
	38	1.54	1.48	1.67	1.60	1.93	1.85	2.05	1.97	2.09	2.01	2.16	2.07	2.23	2.14
39	1.54	1.48	1.67	1.60	1.92	1.84	2.04	1.96	2.07	1.99	2.12	2.04	2.18	2.09	
41	1.54	1.48	1.67	1.60	1.86	1.79	1.96	1.88	1.98	1.90	2.03	1.95	2.08	2.00	
43	1.54	1.48	1.66	1.59	1.80	1.73	1.87	1.80	1.89	1.81	1.93	1.85	1.98	1.90	

Model		FDUM22KXE6F Heating mode (kW)													
Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB							
		Me	-19.8	-20	1.36	1.36	1.36	1.36	1.36						
-17.8	-18		1.45	1.45	1.45	1.45	1.45								
-15.7	-16		1.54	1.54	1.54	1.54	1.54								
-13.7	-14		1.63	1.63	1.63	1.63	1.63								
-11.7	-12		1.71	1.71	1.71	1.71	1.71								
-9.6	-10		1.80	1.80	1.80	1.80	1.80								
-7.5	-8		1.91	1.91	1.91	1.91	1.91								
-5.5	-6		2.02	2.02	2.02	2.02	2.02								
-3.4	-4		2.09	2.09	2.09	2.07	2.04								
-1.3	-2		2.16	2.16	2.15	2.11	2.07								
0.8	0		2.28	2.25	2.21	2.14	2.06								
3.9	3		2.47	2.39	2.30	2.17	2.04								
7.0	6		2.70												

Model		FDUM28KXE6F Cooling mode (kW)														Heating mode (kW)																							
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Air flow	Outdoor air temperature	Indoor air temperature																					
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB				°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB															
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC			TC	SHC	TC	SHC	TC	SHC	TC	SHC														
P-Hi 13 (m ³ /min)	10			2.30	2.21	2.74	2.63	2.97	2.85	3.16	3.03	3.54	3.35	3.67	3.29	P-Hi 13 (m ³ /min)																							
	12			2.30	2.21	2.74	2.63	2.97	2.85	3.15	3.02	3.52	3.34	3.66	3.28		-19.8	-20	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86													
	14			2.30	2.21	2.74	2.63	2.97	2.85	3.15	3.02	3.51	3.34	3.64	3.28		-17.8	-18	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98													
	16			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.50	3.34	3.63	3.27		-15.7	-16	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09													
	18			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.49	3.33	3.61	3.27		-13.7	-14	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21													
	20			2.30	2.21	2.74	2.63	2.97	2.85	3.14	3.01	3.47	3.33	3.59	3.26		-11.7	-12	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33													
	22			2.29	2.20	2.74	2.63	2.97	2.85	3.12	3.00	3.43	3.29	3.54	3.25		-9.6	-10	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45													
	24			2.29	2.20	2.74	2.63	2.97	2.85	3.11	2.99	3.39	3.25	3.50	3.24		-7.5	-8	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60													
	26			2.29	2.20	2.73	2.62	2.94	2.82	3.07	2.95	3.33	3.20	3.44	3.22		-5.5	-6	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75													
	28	2.07	1.99	2.28	2.19	2.72	2.61	2.91	2.79	3.03	2.91	3.28	3.15	3.39	3.20		-3.4	-4	2.85	2.84	2.84	2.81	2.78	2.78	2.78	2.78													
	30	2.07	1.99	2.28	2.19	2.70	2.59	2.88	2.76	3.00	2.88	3.23	3.10	3.34	3.19		-1.3	-2	2.94	2.94	2.93	2.87	2.82	2.82	2.82	2.82													
	32	2.07	1.99	2.27	2.18	2.67	2.56	2.86	2.75	2.96	2.84	3.18	3.05	3.29	3.16		0.8	0	3.10	3.06	3.02	2.91	2.80	2.80	2.80	2.80													
	34	2.07	1.99	2.27	2.18	2.66	2.55	2.82	2.71	2.92	2.80	3.11	2.99	3.22	3.09		3.9	3	3.37	3.25	3.13	2.95	2.78	2.78	2.78	2.78													
	35	2.07	1.99	2.26	2.17	2.66	2.55	2.80	2.69	2.89	2.77	3.08	2.96	3.18	3.05		7.0	6	3.68	3.44	3.20	2.98	2.75	2.75	2.75	2.75													
	36	2.07	1.99	2.26	2.17	2.64	2.53	2.79	2.68	2.86	2.75	3.02	2.90	3.12	3.00		10.1	9	3.66	3.42	3.19	2.96	2.73	2.73	2.73	2.73													
	38	2.07	1.99	2.25	2.16	2.60	2.50	2.76	2.65	2.81	2.70	2.91	2.79	3.00	2.88		13.2	12	3.63	3.40	3.17	2.94	2.70	2.70	2.70	2.70													
39	2.07	1.99	2.25	2.16	2.58	2.48	2.74	2.63	2.78	2.67	2.86	2.75	2.94	2.82	16.9	15.5	3.60	3.37	3.14	2.91	2.68	2.68	2.68	2.68															
41	2.07	1.99	2.24	2.15	2.50	2.40	2.63	2.52	2.66	2.55	2.73	2.62	2.80	2.69																									
43	2.07	1.99	2.24	2.15	2.43	2.33	2.52	2.42	2.55	2.45	2.60	2.50	2.66	2.55																									

Notes(1) This data shows average statuses out of those possible to occur in the system control.
 (Depending on controls, there may be ranges where the operation is not conducted continuously.)
 (2) Symbols are as follows
 TC :Total cooling capacity(kW)
 SHC :Sensible heat capacity(kW)

PJG000Z022

Model		FDUM36KXE6F Cooling mode (kW)														Heating mode (kW)														
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature														Air flow	Outdoor air temperature	Indoor air temperature												
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB				°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB						
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC			TC	SHC	TC	SHC	TC	SHC	TC	SHC					
P-Hi 13 (m ³ /min)	10			2.95	2.83	3.53	3.33	3.82	3.38	4.06	3.42	4.55	3.71	4.72	3.63	P-Hi 13 (m ³ /min)	°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB	-19.8	-20	2.32	2.32	2.32	2.32	2.32
	12			2.95	2.83	3.53	3.33	3.82	3.38	4.05	3.41	4.53	3.70	4.70	3.63		-17.8	-18	2.47	2.47	2.47	2.47	2.47	2.47	2.47					
	14			2.95	2.83	3.53	3.33	3.82	3.38	4.05	3.41	4.51	3.70	4.68	3.62		-15.7	-16	2.62	2.62	2.62	2.62	2.62	2.62	2.62					
	16			2.95	2.83	3.53	3.33	3.82	3.38	4.04	3.41	4.50	3.69	4.66	3.59		-13.7	-14	2.77	2.77	2.77	2.77	2.77	2.77	2.77					
	18			2.95	2.83	3.53	3.33	3.82	3.38	4.04	3.41	4.48	3.69	4.64	3.58		-11.7	-12	2.92	2.92	2.92	2.92	2.92	2.92	2.92					
	20			2.95	2.83	3.53	3.33	3.82	3.38	4.03	3.41	4.47	3.68	4.62	3.58		-9.6	-10	3.07	3.07	3.07	3.07	3.07	3.07	3.07					
	22			2.95	2.83	3.53	3.33	3.82	3.38	4.01	3.40	4.41	3.66	4.56	3.56		-7.5	-8	3.25	3.25	3.25	3.25	3.25	3.25	3.25					
	24			2.94	2.82	3.52	3.33	3.82	3.38	3.99	3.39	4.35	3.64	4.49	3.54		-5.5	-6	3.44	3.44	3.44	3.44	3.44	3.44	3.44					
	26			2.94	2.82	3.51	3.32	3.78	3.37	3.95	3.38	4.28	3.62	4.43	3.52		-3.4	-4	3.56	3.56	3.56	3.55	3.52	3.48	3.48					
	28	2.66	2.55	2.94	2.82	3.49	3.32	3.74	3.35	3.90	3.36	4.22	3.60	4.36	3.50		-1.3	-2	3.68	3.67	3.66	3.59	3.52	3.52	3.52					
	30	2.66	2.55	2.93	2.81	3.47	3.31	3.71	3.34	3.86	3.35	4.15	3.55	4.29	3.47		0.8	0	3.88	3.83	3.77	3.64	3.50	3.50	3.50					
	32	2.66	2.55	2.92	2.80	3.44	3.30	3.67	3.33	3.81	3.32	4.09	3.53	4.23	3.46		3.9	3	4.21	4.06	3.91	3.69	3.47	3.47	3.47					
	34	2.66	2.55	2.91	2.79	3.43	3.29	3.62	3.31	3.75	3.30	4.00	3.50	4.14	3.43		7.0	6	4.60	4.30	4.00	3.72	3.44	3.44	3.44					
	35	2.66	2.55	2.91	2.79	3.42	3.28	3.60	3.30	3.72	3.29	3.96	3.49	4.09	3.43		10.1	9	4.57	4.28	3.99	3.70	3.41	3.41	3.41					
	36	2.66	2.55	2.91	2.79	3.39	3.25	3.58	3.29	3.68	3.27	3.89	3.47	4.02	3.39		13.2	12	4.54	4.25	3.96	3.67	3.38	3.38	3.38					
	38	2.66	2.55	2.90	2.78	3.34	3.21	3.55	3.28	3.61	3.25	3.74	3.42	3.86	3.34		16.9	15.5	4.51	4.22	3.93	3.64	3.35	3.35	3.35					
39	2.66	2.55	2.89	2.77	3.32	3.19	3.53	3.28	3.58	3.24	3.67	3.39	3.78	3.32																
41	2.66	2.55	2.88	2.76	3.22	3.09	3.38	3.22	3.43	3.18	3.51	3.34	3.60	3.27																
43	2.66	2.55	2.87	2.76	3.12	3.00	3.24	3.11	3.28	3.13	3.35	3.22	3.42	3.21																

Notes(1) This data shows average statuses out of those possible to occur in the system control.
 (Depending on controls, there may be ranges where the operation is not conducted continuously.)
 (2) Symbols are as follows
 TC :Total cooling capacity(kW)
 SHC :Sensible heat capacity(kW)

PJG000Z022

Model **FDUM45KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m ³ /min)	10			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.68	4.11	5.90	4.01
	12			3.69	3.26	4.41	3.69	4.77	3.76	5.07	3.80	5.66	4.10	5.88	4.00
	14			3.69	3.26	4.41	3.69	4.77	3.76	5.06	3.79	5.64	4.09	5.85	4.00
	16			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.62	4.09	5.83	3.99
	18			3.69	3.26	4.41	3.69	4.77	3.76	5.05	3.79	5.60	4.08	5.80	3.98
	20			3.69	3.26	4.41	3.69	4.77	3.76	5.04	3.79	5.58	4.07	5.78	3.97
	22			3.68	3.26	4.41	3.69	4.77	3.76	5.02	3.78	5.51	4.05	5.70	3.95
	24			3.68	3.26	4.41	3.69	4.77	3.76	4.99	3.77	5.44	4.02	5.62	3.92
	26			3.68	3.26	4.41	3.68	4.73	3.74	4.93	3.74	5.35	3.99	5.53	3.89
	28	3.33	3.20	3.67	3.25	4.37	3.67	4.68	3.72	4.88	3.72	5.27	3.96	5.44	3.86
	30	3.33	3.20	3.66	3.25	4.33	3.66	4.64	3.71	4.82	3.70	5.19	3.93	5.36	3.84
	32	3.33	3.20	3.65	3.25	4.30	3.64	4.59	3.69	4.76	3.68	5.11	3.90	5.28	3.81
	34	3.33	3.20	3.64	3.24	4.28	3.64	4.53	3.66	4.69	3.65	5.00	3.87	5.17	3.77
	35	3.33	3.20	3.64	3.24	4.28	3.64	4.50	3.65	4.65	3.64	4.95	3.85	5.12	3.76
36	3.33	3.20	3.63	3.24	4.24	3.62	4.48	3.64	4.60	3.62	4.86	3.82	5.02	3.73	
38	3.33	3.20	3.62	3.23	4.18	3.60	4.43	3.62	4.52	3.59	4.68	3.75	4.82	3.66	
39	3.33	3.20	3.62	3.23	4.15	3.58	4.41	3.62	4.47	3.57	4.59	3.72	4.72	3.63	
41	3.33	3.20	3.61	3.23	4.02	3.53	4.23	3.55	4.28	3.50	4.39	3.66	4.50	3.54	
43	3.33	3.20	3.59	3.22	3.90	3.48	4.05	3.48	4.09	3.43	4.18	3.59	4.28	3.47	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 13 (m ³ /min)	-19.8	-20	2.90	2.90	2.90	2.90	2.90	
	-17.8	-18	3.09	3.09	3.09	3.09	3.09	
	-15.7	-16	3.27	3.27	3.27	3.27	3.27	
	-13.7	-14	3.46	3.46	3.46	3.46	3.46	
	-11.7	-12	3.65	3.65	3.65	3.65	3.65	
	-9.6	-10	3.83	3.83	3.83	3.83	3.83	
	-7.5	-8	4.07	4.07	4.07	4.07	4.07	
	-5.5	-6	4.30	4.30	4.30	4.30	4.30	
	-3.4	-4	4.45	4.44	4.44	4.44	4.39	4.35
	-1.3	-2	4.60	4.59	4.58	4.58	4.49	4.40
	0.8	0	4.85	4.78	4.71	4.54	4.38	4.34
	3.9	3	5.26	5.08	4.89	4.61	4.34	4.34
	7.0	6	5.75	5.38	5.00	4.65	4.30	4.26
	10.1	9	5.71	5.35	4.98	4.62	4.26	4.26
13.2	12	5.68	5.31	4.95	4.59	4.23	4.23	
16.9	15.5	5.63	5.27	4.91	4.54	4.18	4.18	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m ³ /min)	10			3.58	2.84	4.28	3.21	4.63	3.29	4.93	3.33	5.52	3.60	5.73	3.50
	12			3.58	2.84	4.28	3.21	4.63	3.29	4.92	3.33	5.50	3.59	5.71	3.50
	14			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.48	3.58	5.68	3.49
	16			3.58	2.84	4.28	3.21	4.63	3.29	4.91	3.33	5.46	3.58	5.66	3.48
	18			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.44	3.57	5.63	3.47
	20			3.58	2.84	4.28	3.21	4.63	3.29	4.90	3.32	5.42	3.56	5.61	3.46
	22			3.58	2.84	4.28	3.21	4.63	3.29	4.87	3.31	5.35	3.53	5.53	3.43
	24			3.57	2.84	4.28	3.21	4.63	3.29	4.85	3.30	5.28	3.51	5.46	3.41
	26			3.57	2.84	4.26	3.20	4.59	3.27	4.79	3.28	5.20	3.47	5.37	3.37
	28	3.23	2.79	3.57	2.84	4.24	3.19	4.54	3.25	4.74	3.25	5.12	3.44	5.29	3.35
	30	3.23	2.79	3.56	2.83	4.21	3.18	4.50	3.23	4.68	3.23	5.04	3.41	5.21	3.32
	32	3.23	2.79	3.55	2.83	4.17	3.16	4.46	3.21	4.63	3.21	4.96	3.38	5.13	3.29
	34	3.23	2.79	3.54	2.82	4.16	3.16	4.40	3.19	4.55	3.18	4.86	3.34	5.02	3.25
	35	3.23	2.79	3.53	2.82	4.15	3.15	4.37	3.18	4.51	3.16	4.80	3.32	4.97	3.23
36	3.23	2.79	3.53	2.82	4.12	3.14	4.35	3.17	4.47	3.15	4.72	3.29	4.87	3.20	
38	3.23	2.79	3.52	2.81	4.06	3.12	4.30	3.15	4.38	3.11	4.54	3.22	4.68	3.13	
39	3.23	2.79	3.51	2.81	4.03	3.10	4.28	3.14	4.34	3.09	4.46	3.19	4.58	3.10	
41	3.23	2.79	3.50	2.80	3.91	3.05	4.11	3.07	4.16	3.02	4.26	3.12	4.37	3.03	
43	3.23	2.79	3.49	2.80	3.78	3.00	3.93	3.00	3.98	2.95	4.06	3.05	4.15	2.96	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Hi 10 (m ³ /min)	-19.8	-20	2.80	2.80	2.80	2.80	2.80
	-17.8	-18	2.98	2.98	2.98	2.98	2.98
	-15.7	-16	3.16	3.16	3.16	3.16	3.16
	-13.7	-14	3.34	3.34	3.34	3.34	3.34
	-11.7	-12	3.52	3.52	3.52	3.52	3.52
	-9.6	-10	3.70	3.70	3.70	3.70	3.70
	-7.5	-8	3.93	3.93	3.93	3.93	3.93
	-5.5	-6	4.15	4.15	4.15	4.15	4.15
	-3.4	-4	4.30	4.29	4.29	4.24	4.20
	-1.3	-2	4.44	4.43	4.42	4.33	4.25
	0.8	0	4.69	4.62	4.55	4.39	4.23
	3.9	3	5.08	4.90	4.72	4.46	4.19
	7.0	6	5.55	5.19	4.83	4.49	4.15
	10.1	9	5.52	5.17	4.81	4.46	4.12
13.2	12	5.48	5.13	4.78	4.43	4.08	
16.9	15.5	5.44	5.09	4.74	4.39	4.04	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m ³ /min)	10			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.15	3.31	5.35	3.22
	12			3.34	2.61	4.00	2.95	4.32	3.02	4.60	3.07	5.14	3.31	5.33	3.22
	14			3.34	2.61	4.00	2.95	4.32	3.02	4.59	3.07	5.12	3.30	5.31	3.21
	16			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.10	3.29	5.28	3.20
	18			3.34	2.61	4.00	2.95	4.32	3.02	4.58	3.06	5.08	3.28	5.26	3.19
	20			3.34	2.61	4.00	2.95	4.32	3.02	4.57	3.06	5.06	3.28	5.24	3.18
	22			3.34	2.61	4.00	2.95	4.32	3.02	4.55	3.05	5.00	3.25	5.16	3.15
	24			3.33	2.60	3.99	2.95	4.32	3.02	4.53	3.04	4.93	3.22	5.09	3.13
	26			3.33	2.60	3.98	2.95	4.28	3.01	4.47	3.02	4.86	3.20	5.02	3.10
	28	3.02	2.57	3.33	2.60	3.96	2.94	4.24	2.99	4.42	2.99	4.78	3.17	4.94	3.08
	30	3.02	2.57	3.32	2.60	3.93	2.92	4.20	2.97	4.37	2.97	4.70	3.13	4.86	3.05
	32	3.02	2.57	3.31	2.60	3.90	2.91	4.16	2.95	4.32	2.95	4.63	3.11	4.79	3.02
	34	3.02	2.57	3.30	2.59	3.88	2.90	4.11	2.93	4.25	2.92	4.53	3.07	4.69	2.99
	35	3.02	2.57	3.30	2.59	3.88	2.90	4.08	2.92	4.21	2.91	4.48	3.05	4.64	2.97
36	3.02	2.57	3.29	2.59	3.85	2.89	4.06	2.91	4.17	2.89	4.40	3.02	4.55	2.93	
38	3.02	2.57	3.28	2.58	3.79	2.86	4.02	2.90	4.09	2.86	4.24	2.96	4.37	2.87	
39	3.02	2.57	3.28	2.58	3.76	2.85	4.00	2.89	4.05	2.84	4.16	2.93	4.28	2.84	
41	3.02	2.57	3.27	2.58	3.65	2.80	3.84	2.82	3.88	2.77	3.98	2.86	4.08	2.78	
43	3.02	2.57	3.26	2.57	3.53	2.75	3.67	2.75	3.71	2.71	3.79	2.79	3.88	2.71	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Me 9 (m ³ /min)	-19.8	-20	2.60	2.60	2.60	2.60	2.60
	-17.8	-18	2.77	2.77	2.77	2.77	2.77
	-15.7	-16	2.94	2.94	2.94	2.94	2.94
	-13.7	-14	3.11	3.11	3.11	3.11	3.11
	-11.7	-12	3.27	3.27	3.27	3.27	3.27
	-9.6	-10	3.44	3.44	3.44	3.44	3.44
	-7.5	-8	3.65	3.65	3.65	3.65	3.65
	-5.5	-6	3.86	3.86	3.86	3.86	3.86
	-3.4	-4	4.00	3.99	3.98	3.95	3.91
	-1.3	-2	4.13	4.12	4.11	4.03	3.95
	0.8	0	4.36	4.29	4.23	4.08	3.93
	3.9	3	4.73	4.56	4.39	4.14	3.90
	7.0	6	5.16	4.83			

Model **FDUM56KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m ³ /min)	10			4.59	3.66	5.49	4.14	5.94	4.24	6.32	4.30	7.07	4.64	7.35	4.52
	12			4.59	3.66	5.49	4.14	5.94	4.24	6.31	4.29	7.05	4.63	7.31	4.50
	14			4.59	3.66	5.49	4.14	5.94	4.24	6.30	4.29	7.02	4.62	7.28	4.49
	16			4.59	3.66	5.49	4.14	5.94	4.24	6.29	4.28	7.00	4.61	7.25	4.48
	18			4.59	3.66	5.49	4.14	5.94	4.24	6.28	4.28	6.97	4.60	7.22	4.47
	20			4.59	3.66	5.49	4.14	5.94	4.24	6.27	4.28	6.95	4.59	7.19	4.46
	22			4.58	3.66	5.49	4.14	5.94	4.24	6.24	4.26	6.86	4.56	7.09	4.43
	24			4.58	3.66	5.48	4.14	5.94	4.24	6.21	4.25	6.77	4.52	6.99	4.39
	26			4.57	3.65	5.46	4.13	5.88	4.21	6.14	4.22	6.66	4.48	6.88	4.35
	28	4.14	3.60	4.57	3.65	5.43	4.12	5.82	4.19	6.07	4.19	6.56	4.44	6.78	4.32
	30	4.14	3.60	4.56	3.65	5.39	4.10	5.77	4.17	6.00	4.17	6.46	4.40	6.67	4.27
	32	4.14	3.60	4.55	3.65	5.35	4.08	5.71	4.14	5.93	4.14	6.36	4.36	6.57	4.24
	34	4.14	3.60	4.53	3.64	5.33	4.07	5.64	4.11	5.83	4.10	6.22	4.31	6.44	4.19
	35	4.14	3.60	4.52	3.63	5.32	4.07	5.60	4.10	5.79	4.08	6.16	4.28	6.37	4.17
36	4.14	3.60	4.52	3.63	5.28	4.05	5.57	4.08	5.73	4.06	6.05	4.24	6.25	4.13	
38	4.14	3.60	4.51	3.63	5.20	4.02	5.52	4.06	5.62	4.01	5.82	4.16	6.00	4.05	
39	4.14	3.60	4.50	3.62	5.16	4.00	5.49	4.05	5.56	3.99	5.71	4.12	5.87	4.00	
41	4.14	3.60	4.49	3.62	5.00	3.93	5.26	3.96	5.33	3.90	5.46	4.03	5.60	3.91	
43	4.14	3.60	4.47	3.61	4.85	3.87	5.04	3.87	5.10	3.81	5.21	3.94	5.32	3.82	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 13 (m ³ /min)	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7	-12	4.59	4.59	4.59	4.59	4.59
	-9.6	-10	4.83	4.83	4.83	4.83	4.83
	-7.5	-8	5.12	5.12	5.12	5.12	5.12
	-5.5	-6	5.42	5.42	5.42	5.42	5.42
	-3.4	-4	5.61	5.60	5.59	5.54	5.48
	-1.3	-2	5.80	5.78	5.76	5.65	5.54
	0.8	0	6.11	6.02	5.94	5.73	5.51
	3.9	3	6.63	6.39	6.16	5.81	5.47
	7.0	6	7.25	6.77	6.30	5.86	5.42
	10.1	9	7.20	6.74	6.28	5.82	5.37
13.2	12	7.15	6.69	6.24	5.78	5.32	
16.9	15.5	7.10	6.64	6.18	5.73	5.27	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m ³ /min)	10			4.41	3.23	5.27	3.66	5.70	3.77	6.07	3.83	6.80	4.13	7.06	4.01
	12			4.41	3.23	5.27	3.66	5.70	3.77	6.06	3.83	6.77	4.12	7.03	4.00
	14			4.41	3.23	5.27	3.66	5.70	3.77	6.05	3.82	6.75	4.11	7.00	3.99
	16			4.41	3.23	5.27	3.66	5.70	3.77	6.04	3.82	6.72	4.10	6.97	3.97
	18			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.70	4.09	6.94	3.96
	20			4.41	3.23	5.27	3.66	5.70	3.77	6.03	3.81	6.67	4.08	6.90	3.95
	22			4.40	3.22	5.27	3.66	5.70	3.77	6.00	3.80	6.59	4.04	6.81	3.91
	24			4.40	3.22	5.27	3.66	5.70	3.77	5.97	3.79	6.50	4.00	6.72	3.88
	26			4.39	3.22	5.24	3.65	5.65	3.74	5.90	3.76	6.40	3.96	6.61	3.83
	28	3.98	3.16	4.39	3.22	5.22	3.64	5.60	3.72	5.83	3.72	6.30	3.92	6.51	3.80
	30	3.98	3.16	4.38	3.21	5.18	3.62	5.54	3.69	5.76	3.69	6.20	3.87	6.41	3.75
	32	3.98	3.16	4.37	3.21	5.14	3.60	5.49	3.67	5.69	3.66	6.11	3.84	6.31	3.72
	34	3.98	3.16	4.35	3.20	5.12	3.59	5.42	3.64	5.60	3.62	5.98	3.78	6.18	3.67
	35	3.98	3.16	4.35	3.20	5.11	3.59	5.38	3.62	5.56	3.61	5.91	3.75	6.12	3.65
36	3.98	3.16	4.34	3.19	5.07	3.57	5.35	3.61	5.50	3.58	5.81	3.71	6.00	3.60	
38	3.98	3.16	4.33	3.19	5.00	3.54	5.30	3.58	5.40	3.54	5.60	3.63	5.76	3.51	
39	3.98	3.16	4.33	3.19	4.96	3.52	5.27	3.57	5.34	3.51	5.49	3.59	5.64	3.47	
41	3.98	3.16	4.31	3.18	4.81	3.45	5.06	3.48	5.12	3.42	5.25	3.49	5.38	3.38	
43	3.98	3.16	4.30	3.17	4.66	3.38	4.84	3.38	4.90	3.32	5.00	3.39	5.11	3.28	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Hi 10 (m ³ /min)	-19.8	-20	3.52	3.52	3.52	3.52	3.52
	-17.8	-18	3.75	3.75	3.75	3.75	3.75
	-15.7	-16	3.97	3.97	3.97	3.97	3.97
	-13.7	-14	4.20	4.20	4.20	4.20	4.20
	-11.7	-12	4.43	4.43	4.43	4.43	4.43
	-9.6	-10	4.65	4.65	4.65	4.65	4.65
	-7.5	-8	4.94	4.94	4.94	4.94	4.94
	-5.5	-6	5.22	5.22	5.22	5.22	5.22
	-3.4	-4	5.40	5.39	5.39	5.33	5.28
	-1.3	-2	5.58	5.57	5.55	5.45	5.34
	0.8	0	5.89	5.80	5.72	5.52	5.31
	3.9	3	6.39	6.16	5.93	5.60	5.27
	7.0	6	6.98	6.56	6.07	5.65	5.22
	10.1	9	6.93	6.49	6.05	5.61	5.17
13.2	12	6.89	6.45	6.01	5.57	5.13	
16.9	15.5	6.84	6.40	5.96	5.52	5.08	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m ³ /min)	10			4.11	2.97	4.92	3.38	5.32	3.48	5.66	3.54	6.34	3.81	6.58	3.70
	12			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.32	3.81	6.56	3.69
	14			4.11	2.97	4.92	3.38	5.32	3.48	5.65	3.54	6.30	3.80	6.53	3.68
	16			4.11	2.97	4.92	3.38	5.32	3.48	5.64	3.53	6.27	3.78	6.50	3.67
	18			4.11	2.97	4.92	3.38	5.32	3.48	5.63	3.53	6.25	3.78	6.47	3.66
	20			4.11	2.97	4.92	3.38	5.32	3.48	5.62	3.53	6.23	3.77	6.44	3.64
	22			4.11	2.97	4.92	3.38	5.32	3.48	5.60	3.52	6.15	3.73	6.35	3.61
	24			4.10	2.97	4.92	3.38	5.32	3.48	5.57	3.50	6.07	3.70	6.27	3.58
	26			4.10	2.97	4.89	3.37	5.27	3.45	5.51	3.47	5.97	3.65	6.17	3.54
	28	3.71	2.91	4.10	2.97	4.87	3.36	5.22	3.43	5.44	3.44	5.88	3.62	6.07	3.50
	30	3.71	2.91	4.09	2.96	4.83	3.34	5.17	3.41	5.38	3.41	5.79	3.58	5.98	3.46
	32	3.71	2.91	4.08	2.96	4.79	3.32	5.12	3.39	5.31	3.38	5.70	3.54	5.89	3.43
	34	3.71	2.91	4.06	2.95	4.78	3.31	5.05	3.35	5.23	3.34	5.58	3.49	5.77	3.38
	35	3.71	2.91	4.06	2.95	4.77	3.31	5.02	3.34	5.19	3.33	5.52	3.46	5.71	3.36
36	3.71	2.91	4.05	2.94	4.73	3.29	4.99	3.33	5.14	3.31	5.42	3.42	5.60	3.31	
38	3.71	2.91	4.04	2.94	4.66	3.26	4.94	3.30	5.04	3.26	5.22	3.34	5.38	3.23	
39	3.71	2.91	4.04	2.94	4.63	3.24	4.92	3.29	4.99	3.24	5.12	3.30	5.27	3.19	
41	3.71	2.91	4.02	2.93	4.49	3.18	4.72	3.20	4.78	3.15	4.89	3.21	5.02	3.10	
43	3.71	2.91	4.01	2.92	4.35	3.11	4.52	3.11	4.57	3.06	4.67	3.12	4.77	3.02	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Me 9 (m ³ /min)	-19.8	-20	3.22	3.22	3.22	3.22	3.22
	-17.8	-18	3.43	3.43	3.43	3.43	3.43
	-15.7	-16	3.64	3.64	3.64	3.64	3.64
	-13.7	-14	3.85	3.85	3.85	3.85	3.85
	-11.7	-12	4.06	4.06	4.06	4.06	4.06
	-9.6	-10	4.26	4.26	4.26	4.26	4.26
	-7.5	-8	4.52	4.52	4.52	4.52	4.52
	-5.5	-6	4.78	4.78	4.78	4.78	4.78
	-3.4	-4	4.95	4.94	4.93	4.89	4.84
	-1.3	-2	5.12	5.10	5.09	4.99	4.89
	0.8	0	5.39	5.32	5.24	5.05	4.87
	3.9	3	5.85	5.64	5.43	5.13	4.82
	7.0	6	6.39	5.98	5.56	5.17	4.78
	10.1	9	6.35	5.95	5.		

Model **FDUM71KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 24 (m ³ /min)	10			5.82	5.32	6.96	6.01	7.53	6.12	8.01	6.19	8.97	6.70	9.31	6.54
	12			5.82	5.32	6.96	6.01	7.53	6.12	8.00	6.19	8.94	6.69	9.27	6.52
	14			5.82	5.32	6.96	6.01	7.53	6.12	7.99	6.18	8.90	6.68	9.23	6.51
	16			5.82	5.32	6.96	6.01	7.53	6.12	7.97	6.16	8.87	6.67	9.19	6.50
	18			5.82	5.32	6.96	6.01	7.53	6.12	7.96	6.16	8.84	6.66	9.15	6.49
	20			5.82	5.32	6.96	6.01	7.53	6.12	7.95	6.15	8.81	6.63	9.11	6.48
	22			5.81	5.31	6.95	6.00	7.53	6.12	7.92	6.14	8.70	6.60	8.99	6.44
	24			5.80	5.31	6.95	6.00	7.53	6.12	7.88	6.13	8.58	6.56	8.86	6.40
	26			5.80	5.31	6.92	5.99	7.46	6.10	7.79	6.10	8.45	6.51	8.73	6.35
	28	5.25	5.04	5.79	5.31	6.89	5.98	7.38	6.07	7.69	6.06	8.31	6.46	8.59	6.31
	30	5.25	5.04	5.78	5.30	6.83	5.96	7.31	6.03	7.60	6.03	8.19	6.42	8.46	6.27
	32	5.25	5.04	5.77	5.30	6.78	5.94	7.24	6.00	7.51	6.00	8.06	6.38	8.33	6.23
	34	5.25	5.04	5.75	5.29	6.76	5.93	7.15	5.97	7.39	5.94	7.89	6.32	8.16	6.17
	35	5.25	5.04	5.74	5.29	6.75	5.93	7.10	5.95	7.33	5.92	7.80	6.28	8.08	6.14
	36	5.25	5.04	5.73	5.28	6.69	5.91	7.06	5.94	7.26	5.90	7.66	6.23	7.92	6.10
	38	5.25	5.04	5.72	5.28	6.59	5.86	6.99	5.91	7.12	5.85	7.38	6.14	7.61	5.99
39	5.25	5.04	5.71	5.27	6.54	5.84	6.96	5.90	7.05	5.83	7.24	6.08	7.45	5.95	
41	5.25	5.04	5.69	5.27	6.35	5.77	6.67	5.78	6.76	5.71	6.92	5.98	7.10	5.84	
43	5.25	5.04	5.67	5.26	6.15	5.69	6.39	5.68	6.46	5.61	6.60	5.87	6.75	5.73	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 24 (m ³ /min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64
	-17.8	-18	4.94	4.94	4.94	4.94	4.94
	-15.7	-16	5.24	5.24	5.24	5.24	5.24
	-13.7	-14	5.54	5.54	5.54	5.54	5.54
	-11.7	-12	5.83	5.83	5.83	5.83	5.83
	-9.6	-10	6.13	6.13	6.13	6.13	6.13
	-7.5	-8	6.51	6.51	6.51	6.51	6.51
	-5.5	-6	6.88	6.88	6.88	6.88	6.88
	-3.4	-4	7.12	7.11	7.10	7.08	6.96
	-1.3	-2	7.36	7.34	7.32	7.18	7.04
	0.8	0	7.76	7.65	7.54	7.27	7.00
	3.9	3	8.42	8.12	7.82	7.38	6.94
	7.0	6	9.20	8.60	8.00	7.44	6.88
	10.1	9	9.14	8.56	7.97	7.40	6.82
	13.2	12	9.08	8.50	7.92	7.34	6.76
	16.9	15.5	9.01	8.43	7.85	7.27	6.69

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 19 (m ³ /min)	10			5.65	4.71	6.75	5.33	7.30	5.44	7.77	5.50	8.70	5.95	9.04	5.81
	12			5.65	4.71	6.75	5.33	7.30	5.44	7.76	5.50	8.67	5.94	9.00	5.79
	14			5.65	4.71	6.75	5.33	7.30	5.44	7.75	5.50	8.64	5.93	8.96	5.77
	16			5.65	4.71	6.75	5.33	7.30	5.44	7.74	5.49	8.61	5.92	8.92	5.76
	18			5.65	4.71	6.75	5.33	7.30	5.44	7.73	5.49	8.58	5.91	8.88	5.75
	20			5.65	4.71	6.75	5.33	7.30	5.44	7.72	5.49	8.55	5.90	8.84	5.74
	22			5.64	4.71	6.75	5.33	7.30	5.44	7.68	5.47	8.44	5.85	8.72	5.70
	24			5.63	4.70	6.75	5.33	7.30	5.44	7.65	5.46	8.33	5.81	8.60	5.65
	26			5.63	4.70	6.71	5.30	7.23	5.41	7.56	5.43	8.20	5.77	8.47	5.61
	28	5.10	4.65	5.62	4.70	6.68	5.29	7.17	5.38	7.47	5.39	8.07	5.71	8.34	5.57
	30	5.10	4.65	5.61	4.69	6.63	5.27	7.10	5.36	7.38	5.35	7.94	5.67	8.21	5.51
	32	5.10	4.65	5.59	4.68	6.58	5.25	7.03	5.33	7.29	5.32	7.82	5.63	8.09	5.48
	34	5.10	4.65	5.58	4.68	6.56	5.24	6.94	5.29	7.18	5.28	7.66	5.56	7.92	5.42
	35	5.10	4.65	5.57	4.68	6.55	5.24	6.89	5.27	7.12	5.25	7.57	5.53	7.84	5.40
	36	5.10	4.65	5.56	4.67	6.50	5.22	6.86	5.25	7.05	5.22	7.44	5.49	7.68	5.34
	38	5.10	4.65	5.55	4.67	6.40	5.18	6.79	5.23	6.91	5.17	7.17	5.39	7.38	5.25
39	5.10	4.65	5.54	4.66	6.35	5.16	6.75	5.21	6.84	5.14	7.03	5.34	7.23	5.19	
41	5.10	4.65	5.52	4.65	6.16	5.08	6.48	5.11	6.56	5.03	6.72	5.23	6.89	5.09	
43	5.10	4.65	5.50	4.65	5.97	5.00	6.20	5.00	6.27	4.92	6.41	5.11	6.55	4.98	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 19 (m ³ /min)	-19.8	-20	4.49	4.49	4.49	4.49	4.49
	-17.8	-18	4.78	4.78	4.78	4.78	4.78
	-15.7	-16	5.07	5.07	5.07	5.07	5.07
	-13.7	-14	5.36	5.36	5.36	5.36	5.36
	-11.7	-12	5.65	5.65	5.65	5.65	5.65
	-9.6	-10	5.93	5.93	5.93	5.93	5.93
	-7.5	-8	6.30	6.30	6.30	6.30	6.30
	-5.5	-6	6.66	6.66	6.66	6.66	6.66
	-3.4	-4	6.89	6.88	6.87	6.80	6.73
	-1.3	-2	7.12	7.10	7.08	6.95	6.81
	0.8	0	7.51	7.40	7.29	7.03	6.77
	3.9	3	8.15	7.86	7.57	7.14	6.71
	7.0	6	8.90	8.32	7.74	7.20	6.66
	10.1	9	8.84	8.28	7.71	7.15	6.60
	13.2	12	8.78	8.22	7.66	7.10	6.54
	16.9	15.5	8.72	8.16	7.59	7.03	6.47

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 15 (m ³ /min)	10			5.37	4.17	6.42	4.71	6.94	4.84	7.39	4.91	8.27	5.29	8.59	5.15
	12			5.37	4.17	6.42	4.71	6.94	4.84	7.38	4.91	8.24	5.28	8.55	5.13
	14			5.37	4.17	6.42	4.71	6.94	4.84	7.37	4.90	8.21	5.27	8.52	5.12
	16			5.37	4.17	6.42	4.71	6.94	4.84	7.36	4.90	8.18	5.25	8.48	5.11
	18			5.37	4.17	6.42	4.71	6.94	4.84	7.35	4.89	8.15	5.24	8.44	5.10
	20			5.37	4.17	6.42	4.71	6.94	4.84	7.34	4.88	8.12	5.23	8.41	5.08
	22			5.36	4.16	6.42	4.71	6.94	4.84	7.30	4.87	8.02	5.19	8.29	5.04
	24			5.35	4.16	6.41	4.70	6.94	4.84	7.27	4.86	7.92	5.15	8.18	5.00
	26			5.35	4.16	6.38	4.69	6.88	4.81	7.18	4.82	7.79	5.10	8.05	4.95
	28	4.85	4.10	5.34	4.15	6.35	4.68	6.81	4.78	7.10	4.79	7.67	5.05	7.93	4.91
	30	4.85	4.10	5.33	4.15	6.30	4.66	6.75	4.74	7.02	4.75	7.55	5.00	7.81	4.87
	32	4.85	4.10	5.32	4.14	6.26	4.64	6.68	4.71	6.93	4.70	7.44	4.96	7.69	4.82
	34	4.85	4.10	5.30	4.14	6.23	4.63	6.59	4.67	6.82	4.66	7.28	4.90	7.53	4.77
	35	4.85	4.10	5.29	4.13	6.22	4.62	6.55	4.66	6.77	4.64	7.20	4.87	7.45	4.74
	36	4.85	4.10	5.29	4.13	6.18	4.61	6.52	4.64	6.70	4.61	7.07	4.82	7.31	4.69
	38	4.85	4.10	5.27	4.12	6.08	4.57	6.45	4.62	6.57	4.56	6.81	4.72	7.02	4.58
39	4.85	4.10	5.27	4.12	6.03	4.54	6.42	4.60	6.51	4.53	6.68	4.67	6.87	4.53	
41	4.85	4.10	5.25	4.11	5.85	4.47	6.16	4.50	6.23	4.43	6.39	4.57	6.55	4.42	
43	4.85	4.10	5.23	4.11	5.67	4.39	5.90	4.39	5.96	4.32	6.09	4.45	6.23	4.30	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 15 (m ³ /min)	-19.8	-20	4.22	4.22	4.22	4.22	4.22
	-17.8	-18	4.49	4.49	4.49	4.49	4.49
	-15.7	-16	4.76	4.76	4.76	4.76	4.76
	-13.7	-14	5.03	5.03	5.03	5.03	5.03
	-11.7	-12	5.30	5.30	5.30	5.30	5.30
	-9.6	-10	5.57	5.57	5.57	5.57	5.57
	-7.5	-8	5.91	5.91	5.91	5.91	5.91
	-5.5	-6	6.25	6.25	6.25	6.25	6.25
	-3.4	-4	6.47	6.46	6.45	6.39	6.32
	-1.3	-2	6.69	6.67	6.65	6.52	6.40
	0.8	0	7.05	6.95	6.85	6.61	6.36
	3.9	3	7.65	7.38	7.11	6.71	6.31
	7.0	6	8.36	7.82			

Model **FDUM90KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 24 (m ³ /min)	10			7.38	6.01	8.82	6.77	9.54	6.94	10.15	7.03	11.37	7.59	11.80	7.40
	12			7.38	6.01	8.82	6.77	9.54	6.94	10.14	7.03	11.33	7.58	11.75	7.39
	14			7.38	6.01	8.82	6.77	9.54	6.94	10.12	7.02	11.29	7.56	11.70	7.36
	16			7.38	6.01	8.82	6.77	9.54	6.94	10.11	7.02	11.25	7.55	11.65	7.34
	18			7.38	6.01	8.82	6.77	9.54	6.94	10.09	7.01	11.20	7.53	11.60	7.33
	20			7.38	6.01	8.82	6.77	9.54	6.94	10.08	7.01	11.16	7.52	11.55	7.31
	22			7.37	6.00	8.82	6.77	9.54	6.94	10.03	6.99	11.02	7.45	11.39	7.24
	24			7.36	6.00	8.81	6.76	9.54	6.94	9.99	6.97	10.88	7.41	11.24	7.20
	26			7.35	5.99	8.77	6.75	9.45	6.91	9.87	6.91	10.71	7.33	11.06	7.14
	28	6.66	5.92	7.34	5.99	8.73	6.73	9.36	6.86	9.75	6.87	10.54	7.28	10.89	7.08
	30	6.66	5.92	7.33	5.97	8.66	6.70	9.27	6.80	9.64	6.83	10.38	7.21	10.73	7.03
	32	6.66	5.92	7.31	5.97	8.60	6.68	9.18	6.77	9.53	6.75	10.22	7.15	10.56	6.93
	34	6.66	5.92	7.28	5.95	8.57	6.67	9.06	6.72	9.37	6.69	10.00	7.04	10.35	6.87
	35	6.66	5.92	7.27	5.95	8.55	6.66	9.00	6.70	9.30	6.67	9.89	7.01	10.24	6.83
36	6.66	5.92	7.26	5.94	8.49	6.64	8.96	6.68	9.21	6.63	9.72	6.95	10.04	6.77	
38	6.66	5.92	7.25	5.94	8.36	6.59	8.87	6.65	9.03	6.57	9.36	6.83	9.64	6.65	
39	6.66	5.92	7.24	5.94	8.29	6.56	8.82	6.63	8.94	6.54	9.18	6.77	9.44	6.59	
41	6.66	5.92	7.21	5.92	8.04	6.45	8.46	6.49	8.56	6.40	8.77	6.62	9.00	6.44	
43	6.66	5.92	7.19	5.92	7.80	6.36	8.10	6.34	8.19	6.25	8.37	6.49	8.56	6.30	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
P-Hi 24 (m ³ /min)	-19.8	-20	5.80	5.80	5.80	5.80	5.80
	-17.8	-18	6.17	6.17	6.17	6.17	6.17
	-15.7	-16	6.55	6.55	6.55	6.55	6.55
	-13.7	-14	6.92	6.92	6.92	6.92	6.92
	-11.7	-12	7.29	7.29	7.29	7.29	7.29
	-9.6	-10	7.67	7.67	7.67	7.67	7.67
	-7.5	-8	8.13	8.13	8.13	8.13	8.13
	-5.5	-6	8.60	8.60	8.60	8.60	8.60
	-3.4	-4	8.90	8.89	8.88	8.79	8.70
	-1.3	-2	9.20	9.18	9.15	8.98	8.80
	0.8	0	9.70	9.56	9.43	9.09	8.75
	3.9	3	10.53	10.15	9.78	9.23	8.68
	7.0	6	11.50	10.75	10.00	9.30	8.60
	10.1	9	11.43	10.69	9.96	9.24	8.53
13.2	12	11.35	10.63	9.90	9.18	8.45	
16.9	15.5	11.26	10.54	9.81	9.09	8.36	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 19 (m ³ /min)	10			7.25	5.45	8.67	6.17	9.38	6.35	9.98	6.44	11.18	6.94	11.61	6.75
	12			7.25	5.45	8.67	6.17	9.38	6.35	9.97	6.44	11.14	6.93	11.56	6.73
	14			7.25	5.45	8.67	6.17	9.38	6.35	9.95	6.43	11.10	6.91	11.51	6.71
	16			7.25	5.45	8.67	6.17	9.38	6.35	9.94	6.43	11.06	6.90	11.46	6.69
	18			7.25	5.45	8.67	6.17	9.38	6.35	9.93	6.42	11.02	6.87	11.41	6.68
	20			7.25	5.45	8.67	6.17	9.38	6.35	9.91	6.41	10.98	6.86	11.36	6.65
	22			7.24	5.44	8.67	6.17	9.38	6.35	9.87	6.40	10.84	6.81	11.20	6.59
	24			7.23	5.44	8.67	6.17	9.38	6.35	9.82	6.37	10.70	6.74	11.05	6.53
	26			7.23	5.44	8.62	6.15	9.29	6.30	9.71	6.32	10.53	6.67	10.88	6.47
	28	6.55	5.34	7.22	5.43	8.58	6.13	9.20	6.24	9.59	6.27	10.36	6.61	10.71	6.41
	30	6.55	5.34	7.20	5.42	8.52	6.10	9.12	6.21	9.48	6.21	10.20	6.54	10.55	6.35
	32	6.55	5.34	7.19	5.42	8.45	6.07	9.03	6.17	9.37	6.16	10.05	6.47	10.39	6.29
	34	6.55	5.34	7.16	5.40	8.42	6.06	8.91	6.12	9.22	6.10	9.83	6.39	10.17	6.21
	35	6.55	5.34	7.15	5.39	8.41	6.06	8.85	6.10	9.14	6.07	9.73	6.35	10.07	6.17
36	6.55	5.34	7.14	5.39	8.34	6.02	8.81	6.08	9.05	6.04	9.55	6.28	9.87	6.08	
38	6.55	5.34	7.12	5.38	8.22	5.97	8.72	6.05	8.88	5.97	9.20	6.13	9.48	5.95	
39	6.55	5.34	7.12	5.38	8.15	5.94	8.67	6.02	8.79	5.93	9.03	6.07	9.28	5.89	
41	6.55	5.34	7.09	5.37	7.91	5.83	8.32	5.87	8.42	5.77	8.63	5.93	8.85	5.74	
43	6.55	5.34	7.07	5.36	7.67	5.72	7.97	5.72	8.05	5.62	8.23	5.78	8.41	5.59	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Hi 19 (m ³ /min)	-19.8	-20	5.66	5.66	5.66	5.66	5.66
	-17.8	-18	6.02	6.02	6.02	6.02	6.02
	-15.7	-16	6.38	6.38	6.38	6.38	6.38
	-13.7	-14	6.75	6.75	6.75	6.75	6.75
	-11.7	-12	7.11	7.11	7.11	7.11	7.11
	-9.6	-10	7.48	7.48	7.48	7.48	7.48
	-7.5	-8	7.93	7.93	7.93	7.93	7.93
	-5.5	-6	8.39	8.39	8.39	8.39	8.39
	-3.4	-4	8.68	8.67	8.65	8.57	8.48
	-1.3	-2	8.97	8.95	8.92	8.75	8.58
	0.8	0	9.46	9.32	9.19	8.86	8.53
	3.9	3	10.26	9.90	9.53	8.99	8.46
	7.0	6	11.21	10.48	9.75	9.07	8.39
	10.1	9	11.14	10.43	9.71	9.01	8.31
13.2	12	11.07	10.36	9.65	8.95	8.24	
16.9	15.5	10.98	10.27	9.57	8.86	8.15	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 15 (m ³ /min)	10			6.89	4.90	8.23	5.57	8.90	5.74	9.47	5.85	10.61	6.30	11.02	6.12
	12			6.89	4.90	8.23	5.57	8.90	5.74	9.46	5.84	10.57	6.29	10.97	6.09
	14			6.89	4.90	8.23	5.57	8.90	5.74	9.45	5.84	10.53	6.27	10.92	6.07
	16			6.89	4.90	8.23	5.57	8.90	5.74	9.43	5.83	10.50	6.26	10.88	6.06
	18			6.89	4.90	8.23	5.57	8.90	5.74	9.42	5.83	10.46	6.23	10.83	6.04
	20			6.89	4.90	8.23	5.57	8.90	5.74	9.41	5.82	10.42	6.22	10.78	6.01
	22			6.88	4.89	8.23	5.57	8.90	5.74	9.37	5.80	10.29	6.16	10.63	5.95
	24			6.87	4.89	8.22	5.56	8.90	5.74	9.32	5.78	10.16	6.10	10.49	5.89
	26			6.86	4.88	8.19	5.55	8.82	5.70	9.21	5.72	10.00	6.03	10.33	5.83
	28	6.22	4.79	6.85	4.88	8.15	5.53	8.74	5.66	9.10	5.67	9.84	5.96	10.16	5.76
	30	6.22	4.79	6.84	4.87	8.09	5.50	8.65	5.62	9.00	5.63	9.69	5.89	10.01	5.70
	32	6.22	4.79	6.82	4.86	8.02	5.46	8.57	5.58	8.89	5.58	9.54	5.83	9.86	5.64
	34	6.22	4.79	6.80	4.85	7.99	5.45	8.46	5.53	8.75	5.51	9.33	5.74	9.66	5.56
	35	6.22	4.79	6.79	4.84	7.98	5.44	8.40	5.50	8.68	5.48	9.23	5.69	9.55	5.52
36	6.22	4.79	6.78	4.84	7.92	5.42	8.36	5.48	8.59	5.44	9.07	5.63	9.37	5.43	
38	6.22	4.79	6.76	4.83	7.80	5.35	8.27	5.44	8.43	5.37	8.74	5.48	9.00	5.30	
39	6.22	4.79	6.75	4.82	7.74	5.33	8.23	5.42	8.34	5.32	8.57	5.41	8.81	5.23	
41	6.22	4.79	6.73	4.81	7.51	5.22	7.90	5.27	7.99	5.17	8.19	5.26	8.40	5.08	
43	6.22	4.79	6.71	4.81	7.28	5.11	7.56	5.11	7.64	5.01	7.81	5.11	7.99	4.93	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB
Me 15 (m ³ /min)	-19.8	-20	5.34	5.34	5.34	5.34	5.34
	-17.8	-18	5.68	5.68	5.68	5.68	5.68
	-15.7	-16	6.02	6.02	6.02	6.02	6.02
	-13.7	-14	6.37	6.37	6.37	6.37	6.37
	-11.7	-12	6.71	6.71	6.71	6.71	6.71
	-9.6	-10	7.05	7.05	7.05	7.05	7.05
	-7.5	-8	7.48	7.48	7.48	7.48	7.48
	-5.5	-6	7.91	7.91	7.91	7.91	7.91
	-3.4	-4	8.19	8.18	8.17	8.08	8.00
	-1.3	-2	8.46	8.44	8.42	8.26	8.10
	0.8	0	8.92	8.80	8.67	8.36	8.05
	3.9	3	9.68	9.34	8.99	8.49	7.98

Model **FDUM140KXE6F** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 39 (m ³ /min)	10			11.48	9.96	13.72	11.27	14.84	11.49	15.79	11.62	17.69	12.56	18.36	12.26
	12			11.48	9.96	13.72	11.27	14.84	11.49	15.77	11.61	17.62	12.53	18.28	12.23
	14			11.48	9.96	13.72	11.27	14.84	11.49	15.75	11.60	17.56	12.51	18.20	12.20
	16			11.48	9.96	13.72	11.27	14.84	11.49	15.72	11.59	17.49	12.49	18.13	12.18
	18			11.48	9.96	13.72	11.27	14.84	11.49	15.70	11.58	17.43	12.46	18.05	12.15
	20			11.48	9.96	13.72	11.27	14.84	11.49	15.68	11.57	17.37	12.44	17.97	12.13
	22			11.46	9.96	13.71	11.26	14.84	11.49	15.61	11.55	17.15	12.36	17.72	12.04
	24			11.44	9.95	13.71	11.26	14.84	11.49	15.54	11.52	16.93	12.28	17.48	11.96
	26			11.43	9.94	13.64	11.23	14.70	11.43	15.35	11.45	16.66	12.18	17.21	11.87
	28	10.36	9.84	11.42	9.94	13.58	11.21	14.56	11.38	15.17	11.38	16.39	12.09	16.94	11.79
	30	10.36	9.84	11.40	9.93	13.48	11.17	14.42	11.32	14.99	11.31	16.14	12.00	16.69	11.70
	32	10.36	9.84	11.37	9.92	13.37	11.12	14.28	11.26	14.82	11.24	15.89	11.91	16.43	11.62
	34	10.36	9.84	11.33	9.90	13.32	11.10	14.09	11.19	14.58	11.15	15.56	11.79	16.09	11.51
	35	10.36	9.84	11.31	9.89	13.30	11.09	14.00	11.15	14.46	11.10	15.39	11.73	15.92	11.45
36	10.36	9.84	11.30	9.89	13.20	11.05	13.93	11.12	14.32	11.05	15.11	11.64	15.61	11.35	
38	10.36	9.84	11.27	9.87	13.00	10.97	13.79	11.07	14.05	10.95	14.56	11.44	15.00	11.16	
39	10.36	9.84	11.26	9.87	12.90	10.93	13.72	11.04	13.91	10.90	14.28	11.35	14.69	11.06	
41	10.36	9.84	11.22	9.85	12.51	10.78	13.16	10.82	13.32	10.68	13.65	11.13	14.00	10.84	
43	10.36	9.84	11.18	9.84	12.13	10.62	12.60	10.61	12.74	10.46	13.02	10.92	13.31	10.56	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 39 (m ³ /min)	-19.8	-20	9.28	9.28	9.28	9.28	9.28	
	-17.8	-18	9.88	9.88	9.88	9.88	9.88	
	-15.7	-16	10.47	10.47	10.47	10.47	10.47	
	-13.7	-14	11.07	11.07	11.07	11.07	11.07	
	-11.7	-12	11.67	11.67	11.67	11.67	11.67	
	-9.6	-10	12.27	12.27	12.27	12.27	12.27	
	-7.5	-8	13.01	13.01	13.01	13.01	13.01	
	-5.5	-6	13.76	13.76	13.76	13.76	13.76	
	-3.4	-4	14.24	14.22	14.20	14.06	13.92	
	-1.3	-2	14.72	14.68	14.64	14.36	14.08	
	0.8	0	15.52	15.30	15.08	14.54	14.00	
	3.9	3	16.84	16.24	15.64	14.76	13.88	
	7.0	6	18.40	17.20	16.00	14.88	13.76	
	10.1	9	18.28	17.11	15.94	14.79	13.64	
13.2	12	18.16	17.00	15.84	14.68	13.52		
16.9	15.5	18.02	16.86	15.70	14.54	13.38		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 32 (m ³ /min)	10			11.29	9.01	13.49	10.19	14.60	10.42	15.53	10.56	17.40	11.41	18.06	11.11
	12			11.29	9.01	13.49	10.19	14.60	10.42	15.51	10.56	17.33	11.38	17.98	11.08
	14			11.29	9.01	13.49	10.19	14.60	10.42	15.49	10.55	17.27	11.36	17.91	11.06
	16			11.29	9.01	13.49	10.19	14.60	10.42	15.47	10.54	17.21	11.34	17.83	11.03
	18			11.29	9.01	13.49	10.19	14.60	10.42	15.45	10.53	17.14	11.31	17.75	11.00
	20			11.29	9.01	13.49	10.19	14.60	10.42	15.42	10.52	17.08	11.29	17.67	10.97
	22			11.27	9.00	13.49	10.19	14.60	10.42	15.35	10.49	16.86	11.20	17.43	10.89
	24			11.26	9.00	13.48	10.18	14.60	10.42	15.28	10.46	16.65	11.12	17.19	10.80
	26			11.25	8.99	13.42	10.16	14.46	10.37	15.10	10.39	16.39	11.02	16.93	10.71
	28	10.19	8.86	11.24	8.99	13.36	10.13	14.32	10.31	14.92	10.31	16.12	10.92	16.66	10.62
	30	10.19	8.86	11.21	8.98	13.25	10.08	14.18	10.25	14.75	10.24	15.88	10.81	16.41	10.51
	32	10.19	8.86	11.18	8.96	13.15	10.04	14.05	10.19	14.57	10.17	15.63	10.72	16.16	10.43
	34	10.19	8.86	11.14	8.95	13.10	10.02	13.86	10.11	14.34	10.08	15.30	10.59	15.83	10.32
	35	10.19	8.86	11.13	8.94	13.08	10.01	13.77	10.08	14.23	10.04	15.14	10.54	15.66	10.26
36	10.19	8.86	11.11	8.93	12.98	9.97	13.70	10.05	14.09	9.98	14.86	10.43	15.36	10.16	
38	10.19	8.86	11.08	8.92	12.79	9.88	13.56	9.99	13.82	9.87	14.32	10.23	14.75	9.95	
39	10.19	8.86	11.07	8.91	12.69	9.84	13.49	9.96	13.68	9.82	14.05	10.14	14.45	9.85	
41	10.19	8.86	11.03	8.90	12.31	9.68	12.94	9.73	13.10	9.59	13.43	9.91	13.77	9.63	
43	10.19	8.86	10.99	8.88	11.93	9.52	12.39	9.51	12.53	9.37	12.80	9.69	13.09	9.41	

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 32 (m ³ /min)	-19.8	-20	9.09	9.09	9.09	9.09	9.09	
	-17.8	-18	9.68	9.68	9.68	9.68	9.68	
	-15.7	-16	10.27	10.27	10.27	10.27	10.27	
	-13.7	-14	10.85	10.85	10.85	10.85	10.85	
	-11.7	-12	11.44	11.44	11.44	11.44	11.44	
	-9.6	-10	12.02	12.02	12.02	12.02	12.02	
	-7.5	-8	12.75	12.75	12.75	12.75	12.75	
	-5.5	-6	13.48	13.48	13.48	13.48	13.48	
	-3.4	-4	13.96	13.94	13.92	13.78	13.64	
	-1.3	-2	14.43	14.39	14.35	14.07	13.80	
	0.8	0	15.21	14.99	14.78	14.25	13.72	
	3.9	3	16.50	15.92	15.33	14.46	13.60	
	7.0	6	18.03	16.86	16.68	14.58	13.48	
	10.1	9	17.91	16.77	15.62	14.49	13.37	
13.2	12	17.80	16.66	15.52	14.39	13.25		
16.9	15.5	17.66	16.52	15.39	14.25	13.11		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 26 (m ³ /min)	10			10.75	8.05	12.86	9.13	13.91	9.38	14.80	9.53	16.57	10.27	17.21	9.98
	12			10.75	8.05	12.86	9.13	13.91	9.38	14.78	9.52	16.51	10.24	17.13	9.95
	14			10.75	8.05	12.86	9.13	13.91	9.38	14.76	9.51	16.45	10.22	17.06	9.92
	16			10.75	8.05	12.86	9.13	13.91	9.38	14.74	9.50	16.39	10.19	16.99	9.89
	18			10.75	8.05	12.86	9.13	13.91	9.38	14.72	9.49	16.33	10.17	16.91	9.86
	20			10.75	8.05	12.86	9.13	13.91	9.38	14.70	9.48	16.27	10.13	16.84	9.82
	22			10.74	8.04	12.85	9.13	13.91	9.38	14.63	9.45	16.07	10.05	16.61	9.74
	24			10.72	8.03	12.85	9.13	13.91	9.38	14.56	9.42	15.86	9.96	16.38	9.65
	26			10.72	8.03	12.79	9.10	13.78	9.32	14.39	9.35	15.61	9.86	16.13	9.56
	28	9.71	7.91	10.71	8.03	12.73	9.07	13.64	9.26	14.22	9.27	15.36	9.76	15.88	9.47
	30	9.71	7.91	10.68	8.01	12.63	9.03	13.51	9.20	14.05	9.20	15.13	9.67	15.64	9.38
	32	9.71	7.91	10.65	8.00	12.53	8.97	13.38	9.14	13.89	9.13	14.89	9.57	15.40	9.29
	34	9.71	7.91	10.62	7.98	12.49	8.95	13.21	9.06	13.66	9.03	14.58	9.45	15.08	9.17
	35	9.71	7.91	10.60	7.98	12.46	8.94	13.12	9.02	13.55	8.99	14.42	9.38	14.92	9.11
36	9.71	7.91	10.59	7.97	12.37	8.90	13.05	8.99	13.42	8.93	14.16	9.28	14.63	9.01	
38	9.71	7.91	10.56	7.96	12.18	8.81	12.92	8.94	13.16	8.82	13.64	9.08	14.05	8.81	
39	9.71	7.91	10.55	7.95	12.09	8.77	12.86	8.91	13.03	8.77	13.39	8.98	13.76	8.70	
41	9.71	7.91	10.51	7.93	11.73	8.61	12.33	8.67	12.49	8.53	12.79	8.74	13.12	8.47	
43	9.71	7.91	10.47	7.91	11.36	8.45	11.81	8.45	11.94	8.31	12.20	8.52	12.47	8.25	

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Me 26 (m ³ /min)	-19.8	-20	8.61	8.61	8.61	8.61	8.61	
	-17.8	-18	9.17	9.17				

Model FDUM160KXE6F Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 48 (m ³ /min)	10			13.12	11.09	15.68	12.51	16.96	12.79	18.04	12.94	20.21	13.99	20.99	13.66
	12			13.12	11.09	15.68	12.51	16.96	12.79	18.02	12.93	20.14	13.96	20.90	13.61
	14			13.12	11.09	15.68	12.51	16.96	12.79	18.00	12.93	20.07	13.94	20.81	13.58
	16			13.12	11.09	15.68	12.51	16.96	12.79	17.97	12.92	19.99	13.91	20.72	13.56
	18			13.12	11.09	15.68	12.51	16.96	12.79	17.95	12.91	19.92	13.89	20.62	13.53
	20			13.12	11.09	15.68	12.51	16.96	12.79	17.92	12.90	19.85	13.84	20.53	13.50
	22			13.10	11.08	15.67	12.51	16.96	12.79	17.84	12.87	19.60	13.76	20.25	13.39
	24			13.08	11.08	15.67	12.51	16.96	12.79	17.75	12.84	19.34	13.67	19.97	13.30
	26			13.07	11.07	15.59	12.48	16.80	12.73	17.55	12.74	19.04	13.55	19.67	13.19
	28	11.84	10.95	13.06	11.07	15.52	12.45	16.64	12.65	17.34	12.67	18.73	13.45	19.36	13.09
	30	11.84	10.95	13.02	11.05	15.40	12.41	16.48	12.59	17.14	12.59	18.45	13.33	19.07	12.98
	32	11.84	10.95	12.99	11.04	15.28	12.36	16.32	12.53	16.93	12.50	18.16	13.24	18.78	12.90
	34	11.84	10.95	12.95	11.00	15.23	12.34	16.11	12.45	16.66	12.40	17.79	13.09	18.39	12.76
	35	11.84	10.95	12.93	10.99	15.20	12.33	16.00	12.39	16.53	12.36	17.59	13.03	18.20	12.70
	36	11.84	10.95	12.91	10.98	15.09	12.29	15.92	12.36	16.37	12.27	17.27	12.90	17.85	12.60
	38	11.84	10.95	12.88	10.97	14.86	12.18	15.76	12.30	16.05	12.16	16.64	12.62	17.14	12.30
	39	11.84	10.95	12.86	10.96	14.74	12.13	15.68	12.27	15.89	12.11	16.32	12.52	16.79	12.20
	41	11.84	10.95	12.82	10.95	14.30	11.94	15.04	12.01	15.23	11.85	15.60	12.29	16.00	11.98
43	11.84	10.95	12.77	10.93	13.86	11.78	14.40	11.76	14.56	11.60	14.87	12.06	15.21	11.75	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
P-Hi 48 (m ³ /min)	10	-19.8	-20	10.44	10.44	10.44	10.44	10.44
	12	-17.8	-18	11.11	11.11	11.11	11.11	11.11
	14	-15.7	-16	11.78	11.78	11.78	11.78	11.78
	16	-13.7	-14	12.46	12.46	12.46	12.46	12.46
	18	-11.7	-12	13.13	13.13	13.13	13.13	13.13
	20	-9.6	-10	13.80	13.80	13.80	13.80	13.80
	22	-7.5	-8	14.64	14.64	14.64	14.64	14.64
	24	-5.5	-6	15.48	15.48	15.48	15.48	15.48
	26	-3.4	-4	16.02	16.00	15.98	15.82	15.66
	28	-1.3	-2	16.56	16.52	16.47	16.16	15.84
	30	0.8	0	17.46	17.21	16.97	16.36	15.75
	32	3.9	3	18.95	18.27	17.60	16.61	15.62
	34	7.0	6	20.70	19.35	18.00	16.74	15.48
	35	10.1	9	20.57	19.25	17.93	16.64	15.35
	36	13.2	12	20.43	19.13	17.82	16.52	15.21
	41	16.9	15.5	20.27	18.97	17.66	16.36	15.05

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 35 (m ³ /min)	10			12.90	9.64	15.42	10.94	16.68	11.24	17.75	11.43	19.88	12.29	20.65	11.97
	12			12.90	9.64	15.42	10.94	16.68	11.24	17.73	11.42	19.81	12.27	20.56	11.94
	14			12.90	9.64	15.42	10.94	16.68	11.24	17.70	11.41	19.74	12.24	20.47	11.89
	16			12.90	9.64	15.42	10.94	16.68	11.24	17.68	11.40	19.67	12.22	20.38	11.86
	18			12.90	9.64	15.42	10.94	16.68	11.24	17.65	11.37	19.60	12.19	20.29	11.83
	20			12.90	9.64	15.42	10.94	16.68	11.24	17.63	11.36	19.52	12.16	20.20	11.78
	22			12.88	9.63	15.42	10.94	16.68	11.24	17.55	11.33	19.28	12.06	19.92	11.68
	24			12.87	9.63	15.41	10.94	16.68	11.24	17.47	11.30	19.03	11.95	19.65	11.59
	26			12.85	9.62	15.34	10.89	16.53	11.17	17.26	11.20	18.73	11.83	19.35	11.47
	28	11.65	9.47	12.84	9.62	15.27	10.86	16.37	11.10	17.06	11.11	18.43	11.70	19.05	11.36
	30	11.65	9.47	12.81	9.60	15.15	10.82	16.21	11.02	16.86	11.03	18.15	11.59	18.76	11.25
	32	11.65	9.47	12.78	9.59	15.03	10.75	16.05	10.96	16.66	10.94	17.87	11.47	18.48	11.14
	34	11.65	9.47	12.74	9.57	14.98	10.73	15.84	10.86	16.39	10.82	17.49	11.32	18.09	10.96
	35	11.65	9.47	12.72	9.56	14.95	10.72	15.74	10.82	16.26	10.77	17.30	11.24	17.90	10.90
	36	11.65	9.47	12.70	9.55	14.84	10.64	15.66	10.77	16.10	10.69	16.99	11.09	17.56	10.79
	38	11.65	9.47	12.67	9.54	14.61	10.55	15.50	10.71	15.79	10.58	16.37	10.88	16.86	10.56
	39	11.65	9.47	12.65	9.53	14.50	10.50	15.43	10.68	15.64	10.47	16.06	10.76	16.51	10.43
	41	11.65	9.47	12.61	9.50	14.07	10.33	14.80	10.39	14.98	10.22	15.35	10.48	15.74	10.15
43	11.65	9.47	12.57	9.48	13.63	10.14	14.17	10.12	14.32	9.96	14.63	10.20	14.96	9.88	

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB	°CWB	16°CDB	18°CDB	20°CDB	22°CDB	24°CDB
Hi 35 (m ³ /min)	10	-19.8	-20	10.23	10.23	10.23	10.23	10.23
	12	-17.8	-18	10.89	10.89	10.89	10.89	10.89
	14	-15.7	-16	11.55	11.55	11.55	11.55	11.55
	16	-13.7	-14	12.21	12.21	12.21	12.21	12.21
	18	-11.7	-12	12.87	12.87	12.87	12.87	12.87
	20	-9.6	-10	13.52	13.52	13.52	13.52	13.52
	22	-7.5	-8	14.35	14.35	14.35	14.35	14.35
	24	-5.5	-6	15.17	15.17	15.17	15.17	15.17
	26	-3.4	-4	15.70	15.68	15.66	15.50	15.35
	28	-1.3	-2	16.23	16.18	16.14	15.83	15.52
	30	0.8	0	17.11	16.87	16.63	16.03	15.44
	32	3.9	3	18.57	17.90	17.24	16.27	15.30
	34	7.0	6	20.29	18.96	17.64	16.41	15.17
	35	10.1	9	20.15	18.86	17.57	16.31	15.04
	41	13.2	12	20.02	18.74	17.46	16.18	14.91
	43	16.9	15.5	19.87	18.59	17.31	16.03	14.75

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21°CDB 14°CWB		23°CDB 16°CWB		26°CDB 18°CWB		27°CDB 19°CWB		28°CDB 20°CWB		31°CDB 22°CWB		33°CDB 24°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 28 (m ³ /min)	10			12.07	8.60	14.42	9.77	15.60	10.08	16.60	10.27	18.60	11.07	19.31	10.74
	12			12.07	8.60	14.42	9.77	15.60	10.08	16.58	10.27	18.53	11.04	19.22	10.70
	14			12.07	8.60	14.42	9.77	15.60	10.08	16.56	10.26	18.46	11.02	19.14	10.67
	16			12.07	8.60	14.42	9.77	15.60	10.08	16.53	10.25	18.39	10.98	19.06	10.64
	18			12.07	8.60	14.42	9.77	15.60	10.08	16.51	10.24	18.33	10.95	18.97	10.59
	20			12.07	8.60	14.42	9.77	15.60	10.08	16.49	10.23	18.26	10.93	18.89	10.56
	22			12.05	8.57	14.42	9.77	15.60	10.08	16.41	10.18	18.03	10.81	18.63	10.45
	24			12.03	8.56	14.41	9.77	15.60	10.08	16.33	10.15	17.80	10.71	18.38	10.35
	26			12.02	8.55	14.35	9.74	15.46	10.00	16.14	10.06	17.52	10.59	18.09	10.23
	28	10.89	8.41	12.01	8.55	14.28	9.70	15.31	9.93	15.95	9.97	17.24	10.46	17.81	10.10
	30	10.89	8.41	11.98	8.54	14.17	9.65	15.16	9.87	15.77	9.87	16.97	10.32	17.54	10.00
	32	10.89	8.41	11.95	8.52	14.06	9.59	15.01	9.79	15.58	9.79	16.71	10.22	17.28	9.90
	34	10.89	8.41	11.91	8.50	14.01	9.57	14.82	9.70	15.33	9.68	16.36	10.08	16.92	9.77
	35	10.89	8.41	11.89	8.50	13.98	9.56	14.72	9.66	15.21	9.63	16.18	10.00	16.74	9.69
	36	10.89	8.41	11.88	8.49	13.88	9.52	14.65	9.63	15.06	9.56	15.89	9.87	16.42	9.57
	38	10.89	8.41	11.85	8.48	13.67	9.41	14.50	9.56	14.77	9.43	15.31	9.64	15.77	9.31
	39	10.89	8.41	11.83	8.47	13.56	9.35	14.43	9.53	14.62	9.36	15.02	9.52	15.44	9.16
	41	10.89	8.41	11.79	8.45	13.16	9.17	13.84	9.25	14.01	9.09	14.35	9.22	14.72	8.93
43	10.89	8.41	11.75	8.43	12.75	8.96	13.25	8.95	13.39	8.80	13.68	8.97	13.99	8.67	

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(7) Duct connected (thin)-Low static pressure type (FDUT)

Model **FDUT71KXE6F-E** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 16 (m³/min)	10	5.82	4.40	6.96	4.98	7.53	5.12	8.01	5.20	8.97	5.60	9.31	5.45		
	12	5.82	4.40	6.96	4.98	7.53	5.12	8.00	5.19	8.94	5.59	9.27	5.43		
	14	5.82	4.40	6.96	4.98	7.53	5.12	7.99	5.19	8.90	5.57	9.23	5.41		
	16	5.82	4.40	6.96	4.98	7.53	5.12	7.97	5.18	8.87	5.56	9.19	5.40		
	18	5.82	4.40	6.96	4.98	7.53	5.12	7.96	5.18	8.84	5.55	9.15	5.39		
	20	5.82	4.40	6.96	4.98	7.53	5.12	7.95	5.17	8.81	5.54	9.11	5.36		
	22	5.81	4.39	6.95	4.97	7.53	5.12	7.92	5.16	8.70	5.49	8.99	5.32		
	24	5.80	4.39	6.95	4.97	7.53	5.12	7.88	5.14	8.58	5.44	8.86	5.27		
	26	5.80	4.39	6.92	4.96	7.46	5.09	7.79	5.11	8.45	5.38	8.73	5.22		
	28	5.25	4.31	5.79	4.38	6.89	4.95	7.38	5.05	7.69	5.06	8.31	5.33	8.59	5.15
	30	5.25	4.31	5.78	4.37	6.83	4.92	7.31	5.01	7.60	5.02	8.19	5.28	8.46	5.11
	32	5.25	4.31	5.77	4.37	6.78	4.90	7.24	4.98	7.51	4.97	8.06	5.21	8.33	5.07
	34	5.25	4.31	5.75	4.36	6.76	4.89	7.15	4.94	7.39	4.92	7.89	5.15	8.16	5.01
	35	5.25	4.31	5.74	4.35	6.75	4.89	7.10	4.92	7.33	4.90	7.80	5.12	8.08	4.99
	36	5.25	4.31	5.73	4.35	6.69	4.86	7.06	4.91	7.26	4.87	7.66	5.07	7.92	4.93
	38	5.25	4.31	5.72	4.35	6.59	4.81	6.99	4.88	7.12	4.82	7.38	4.96	7.61	4.81
	39	5.25	4.31	5.71	4.34	6.54	4.79	6.96	4.87	7.05	4.78	7.24	4.90	7.45	4.77
	41	5.25	4.31	5.69	4.33	6.35	4.71	6.67	4.74	6.76	4.67	6.92	4.79	7.10	4.64
	43	5.25	4.31	5.67	4.32	6.15	4.62	6.39	4.62	6.46	4.54	6.60	4.66	6.75	4.52

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB °CWB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Hi 16 (m³/min)	-19.8	-20	4.64	4.64	4.64	4.64	4.64	
	-17.8	-18	4.94	4.94	4.94	4.94	4.94	
	-15.7	-16	5.24	5.24	5.24	5.24	5.24	
	-13.7	-14	5.54	5.54	5.54	5.54	5.54	
	-11.7	-12	5.83	5.83	5.83	5.83	5.83	
	-9.6	-10	6.13	6.13	6.13	6.13	6.13	
	-7.5	-8	6.51	6.51	6.51	6.51	6.51	
	-5.5	-6	6.88	6.88	6.88	6.88	6.88	
	-3.4	-4	7.12	7.11	7.10	7.03	6.96	
	-1.3	-2	7.36	7.34	7.32	7.18	7.04	
	0.8	0	7.76	7.65	7.54	7.27	7.00	
	3.9	3	8.42	8.12	7.82	7.38	6.94	
	7.0	6	9.20	8.60	8.00	7.44	6.88	
	10.1	9	9.14	8.56	7.97	7.40	6.82	
	13.2	12	9.08	8.50	7.92	7.34	6.76	
	16.9	15.5	9.01	8.43	7.85	7.27	6.69	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 13 (m³/min)	10	4.94	3.69	5.91	4.18	6.39	4.29	6.80	4.37	7.62	4.71	7.91	4.57		
	12	4.94	3.69	5.91	4.18	6.39	4.29	6.79	4.36	7.59	4.70	7.88	4.56		
	14	4.94	3.69	5.91	4.18	6.39	4.29	6.78	4.36	7.56	4.69	7.84	4.55		
	16	4.94	3.69	5.91	4.18	6.39	4.29	6.77	4.35	7.54	4.68	7.81	4.54		
	18	4.94	3.69	5.91	4.18	6.39	4.29	6.77	4.35	7.51	4.66	7.77	4.52		
	20	4.94	3.69	5.91	4.18	6.39	4.29	6.76	4.35	7.48	4.65	7.74	4.51		
	22	4.94	3.69	5.91	4.18	6.39	4.29	6.72	4.33	7.39	4.61	7.63	4.47		
	24	4.93	3.68	5.91	4.18	6.39	4.29	6.69	4.32	7.29	4.57	7.53	4.43		
	26	4.93	3.68	5.88	4.17	6.33	4.26	6.61	4.27	7.18	4.53	7.41	4.39		
	28	4.46	3.62	4.92	3.68	5.85	4.15	6.27	4.24	6.54	4.25	7.06	4.48	7.30	4.33
	30	4.46	3.62	4.91	3.67	5.81	4.14	6.21	4.21	6.46	4.21	6.95	4.42	7.19	4.29
	32	4.46	3.62	4.90	3.67	5.76	4.11	6.15	4.19	6.38	4.18	6.85	4.38	7.08	4.26
	34	4.46	3.62	4.88	3.66	5.74	4.11	6.07	4.15	6.28	4.14	6.70	4.33	6.93	4.20
	35	4.46	3.62	4.87	3.66	5.73	4.10	6.03	4.14	6.23	4.12	6.63	4.30	6.86	4.18
	36	4.46	3.62	4.87	3.66	5.69	4.08	6.00	4.12	6.17	4.09	6.51	4.25	6.73	4.13
	38	4.46	3.62	4.86	3.65	5.60	4.04	5.94	4.09	6.05	4.04	6.27	4.16	6.46	4.03
	39	4.46	3.62	4.85	3.64	5.56	4.03	5.91	4.08	5.99	4.02	6.15	4.11	6.33	3.99
	41	4.46	3.62	4.83	3.63	5.39	3.95	5.67	3.97	5.74	3.91	5.88	4.00	6.03	3.88
	43	4.46	3.62	4.82	3.63	5.22	3.87	5.43	3.87	5.49	3.81	5.61	3.90	5.73	3.78

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB °CWB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Me 13 (m³/min)	-19.8	-20	3.87	3.87	3.87	3.87	3.87	
	-17.8	-18	4.11	4.11	4.11	4.11	4.11	
	-15.7	-16	4.36	4.36	4.36	4.36	4.36	
	-13.7	-14	4.61	4.61	4.61	4.61	4.61	
	-11.7	-12	4.86	4.86	4.86	4.86	4.86	
	-9.6	-10	5.11	5.11	5.11	5.11	5.11	
	-7.5	-8	5.42	5.42	5.42	5.42	5.42	
	-5.5	-6	5.73	5.73	5.73	5.73	5.73	
	-3.4	-4	5.93	5.92	5.91	5.86	5.80	
	-1.3	-2	6.13	6.11	6.10	5.98	5.86	
	0.8	0	6.46	6.37	6.28	6.06	5.83	
	3.9	3	7.01	6.76	6.51	6.15	5.78	
	7.0	6	7.66	7.16	6.66	6.20	5.73	
	10.1	9	7.61	7.13	6.64	6.16	5.68	
	13.2	12	7.56	7.08	6.60	6.11	5.63	
	16.9	15.5	7.51	7.02	6.54	6.06	5.57	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo 9.5 (m³/min)	10	3.80	2.79	4.54	3.17	4.91	3.26	5.23	3.32	5.85	3.57	6.08	3.47		
	12	3.80	2.79	4.54	3.17	4.91	3.26	5.22	3.31	5.83	3.56	6.05	3.46		
	14	3.80	2.79	4.54	3.17	4.91	3.26	5.21	3.31	5.81	3.55	6.03	3.45		
	16	3.80	2.79	4.54	3.17	4.91	3.26	5.20	3.30	5.79	3.55	6.00	3.44		
	18	3.80	2.79	4.54	3.17	4.91	3.26	5.20	3.30	5.77	3.54	5.97	3.41		
	20	3.80	2.79	4.54	3.17	4.91	3.26	5.19	3.30	5.75	3.53	5.95	3.41		
	22	3.79	2.79	4.54	3.17	4.91	3.26	5.17	3.29	5.68	3.50	5.87	3.38		
	24	3.79	2.79	4.54	3.17	4.91	3.26	5.14	3.28	5.60	3.46	5.78	3.35		
	26	3.78	2.78	4.52	3.16	4.87	3.24	5.08	3.25	5.51	3.42	5.70	3.32		
	28	3.43	2.74	3.78	2.78	4.49	3.14	4.82	3.22	5.02	3.22	5.43	3.39	5.61	3.29
	30	3.43	2.74	3.77	2.78	4.46	3.13	4.77	3.19	4.96	3.20	5.34	3.35	5.52	3.25
	32	3.43	2.74	3.76	2.77	4.43	3.12	4.73	3.18	4.90	3.17	5.26	3.32	5.44	3.22
	34	3.43	2.74	3.75	2.77	4.41	3.11	4.66	3.14	4.83	3.14	5.15	3.27	5.33	3.18
	35	3.43	2.74	3.74	2.76	4.40	3.10	4.63	3.13	4.79	3.12	5.09	3.25	5.27	3.16
	36	3.43	2.74	3.74	2.76	4.37	3.09	4.61	3.12	4.74	3.10	5.00	3.21	5.17	3.12
	38	3.43	2.74	3.73	2.76	4.30	3.06	4.56	3.10	4.65	3.06	4.82	3.14	4.96	3.04
	39	3.43	2.74	3.73	2.76	4.27	3.04	4.54	3.09	4.60	3.04	4.73	3.11	4.86	3.01
	41	3.43	2.74	3.71	2.75	4.14	2.98	4.36	3.01	4.41	2.95	4.52	3.01	4.63	2.92
	43	3.43	2.74	3.70	2.74	4.01	2.92	4.17	2.92	4.22	2.87	4.31	2.94	4.41	2.85

Air flow	Outdoor air temperature	Indoor air temperature						
		°CDB °CWB		16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB
Lo 9.5 (m³/min)	-19.8	-20	2.90	2.90	2.90	2.90	2.90	
	-17.8	-18	3.09	3.09	3.09	3.09	3.09	
	-15.7	-16	3.28	3.28	3.28	3.28	3.28	
	-13.7	-14	3.46	3.46	3.46	3.46	3.46	
	-11.7	-12	3.65	3.65	3.65	3.65	3.65	
	-9.6	-10	3.84	3.84	3.84	3.84	3.84	
	-7.5	-8	4.07	4.07	4.07	4.07	4.07	
	-5.5	-6	4.30	4.30	4.30	4.30	4.30	
	-3.4	-4	4.45	4.45	4.44	4.40		

(8) Wall mounted type (FDK)

Model	FDK15KXZE1 Cooling mode (kW)														
	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
Air flow (m³/min)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
P-Hi	10			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.89	1.36	1.97	1.33
	12			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.89	1.36	1.96	1.33
	14			1.23	1.08	1.47	1.22	1.59	1.24	1.69	1.26	1.89	1.36	1.96	1.33
	16			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.87	1.35	1.94	1.32
	18			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.87	1.35	1.93	1.32
	20			1.23	1.08	1.47	1.22	1.59	1.24	1.68	1.26	1.86	1.35	1.93	1.32
	22			1.23	1.08	1.47	1.22	1.59	1.24	1.67	1.26	1.84	1.35	1.90	1.31
	24			1.23	1.08	1.47	1.22	1.59	1.24	1.66	1.25	1.81	1.33	1.87	1.30
	26			1.23	1.08	1.46	1.22	1.58	1.24	1.64	1.24	1.78	1.32	1.84	1.29
	28	1.11	1.07	1.22	1.07	1.46	1.22	1.56	1.23	1.63	1.23	1.76	1.32	1.81	1.28
	30	1.11	1.07	1.22	1.07	1.44	1.21	1.55	1.23	1.61	1.22	1.73	1.30	1.79	1.27
	32	1.11	1.07	1.22	1.07	1.43	1.20	1.53	1.22	1.59	1.22	1.70	1.29	1.76	1.26
	34	1.11	1.07	1.21	1.07	1.43	1.20	1.51	1.21	1.56	1.21	1.67	1.28	1.72	1.25
	35	1.11	1.07	1.21	1.07	1.43	1.20	1.50	1.21	1.55	1.20	1.65	1.27	1.71	1.25
36	1.11	1.07	1.21	1.07	1.41	1.20	1.49	1.21	1.53	1.20	1.62	1.27	1.67	1.23	
38	1.11	1.07	1.21	1.07	1.39	1.19	1.48	1.20	1.51	1.19	1.56	1.24	1.61	1.21	
39	1.11	1.07	1.21	1.07	1.38	1.18	1.47	1.20	1.49	1.18	1.53	1.23	1.57	1.19	
41	1.11	1.07	1.20	1.07	1.34	1.17	1.41	1.17	1.43	1.16	1.46	1.20	1.50	1.18	
43	1.11	1.07	1.20	1.07	1.30	1.15	1.35	1.15	1.36	1.14	1.39	1.18	1.43	1.16	

Model	FDK15KXZE1 Cooling mode (kW)														
	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
Air flow (m³/min)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Hi	10			1.12	0.97	1.33	1.09	1.44	1.12	1.54	1.13	1.72	1.22	1.79	1.20
	12			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.71	1.22	1.78	1.19
	14			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.71	1.22	1.77	1.19
	16			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.70	1.21	1.76	1.18
	18			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.70	1.21	1.76	1.18
	20			1.12	0.97	1.33	1.09	1.44	1.12	1.53	1.13	1.69	1.21	1.75	1.18
	22			1.11	0.97	1.33	1.09	1.44	1.12	1.52	1.12	1.67	1.20	1.72	1.17
	24			1.11	0.97	1.33	1.09	1.44	1.12	1.51	1.12	1.65	1.20	1.70	1.17
	26			1.11	0.97	1.33	1.09	1.43	1.11	1.49	1.11	1.62	1.19	1.67	1.16
	28	1.01	0.96	1.11	0.97	1.32	1.09	1.42	1.11	1.48	1.11	1.59	1.17	1.65	1.15
	30	1.01	0.96	1.11	0.97	1.31	1.09	1.40	1.10	1.46	1.10	1.57	1.17	1.62	1.13
	32	1.01	0.96	1.11	0.97	1.30	1.08	1.39	1.10	1.44	1.09	1.55	1.16	1.60	1.13
	34	1.01	0.96	1.10	0.96	1.30	1.08	1.37	1.09	1.42	1.09	1.51	1.14	1.57	1.12
	35	1.01	0.96	1.10	0.96	1.29	1.08	1.36	1.08	1.41	1.08	1.50	1.14	1.55	1.11
36	1.01	0.96	1.10	0.96	1.28	1.07	1.35	1.08	1.39	1.07	1.47	1.13	1.52	1.10	
38	1.01	0.96	1.10	0.96	1.26	1.06	1.34	1.08	1.37	1.06	1.42	1.11	1.46	1.09	
39	1.01	0.96	1.09	0.96	1.25	1.06	1.33	1.07	1.35	1.06	1.39	1.10	1.43	1.08	
41	1.01	0.96	1.09	0.96	1.22	1.05	1.28	1.05	1.30	1.04	1.33	1.08	1.36	1.05	
43	1.01	0.96	1.09	0.96	1.18	1.03	1.23	1.03	1.24	1.01	1.27	1.06	1.29	1.03	

Model	FDK15KXZE1 Cooling mode (kW)														
	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
Air flow (m³/min)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Me	10			1.03	0.88	1.23	1.00	1.33	1.02	1.42	1.03	1.59	1.12	1.65	1.09
	12			1.03	0.88	1.23	1.00	1.33	1.02	1.42	1.03	1.59	1.12	1.65	1.09
	14			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.57	1.11	1.63	1.08
	16			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.57	1.11	1.63	1.08
	18			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.56	1.10	1.62	1.08
	20			1.03	0.88	1.23	1.00	1.33	1.02	1.41	1.03	1.56	1.10	1.61	1.08
	22			1.03	0.88	1.23	1.00	1.33	1.02	1.40	1.03	1.54	1.10	1.59	1.07
	24			1.03	0.88	1.23	1.00	1.33	1.02	1.39	1.02	1.52	1.09	1.57	1.06
	26			1.03	0.88	1.22	1.00	1.32	1.01	1.38	1.02	1.49	1.08	1.54	1.06
	28	0.93	0.87	1.02	0.88	1.22	1.00	1.31	1.01	1.36	1.01	1.47	1.07	1.52	1.05
	30	0.93	0.87	1.02	0.88	1.21	0.99	1.29	1.00	1.34	1.00	1.45	1.07	1.50	1.04
	32	0.93	0.87	1.02	0.88	1.20	0.99	1.28	1.00	1.33	1.00	1.43	1.06	1.47	1.03
	34	0.93	0.87	1.02	0.88	1.19	0.98	1.26	0.99	1.31	0.99	1.40	1.05	1.44	1.02
	35	0.93	0.87	1.01	0.88	1.19	0.98	1.26	0.99	1.30	0.99	1.38	1.04	1.43	1.02
36	0.93	0.87	1.01	0.88	1.18	0.98	1.25	0.99	1.28	0.98	1.36	1.04	1.40	1.01	
38	0.93	0.87	1.01	0.88	1.17	0.98	1.24	0.99	1.26	0.97	1.31	1.02	1.34	0.99	
39	0.93	0.87	1.01	0.88	1.16	0.97	1.23	0.98	1.25	0.97	1.28	1.01	1.32	0.98	
41	0.93	0.87	1.01	0.88	1.12	0.95	1.18	0.96	1.19	0.95	1.22	0.98	1.26	0.96	
43	0.93	0.87	1.00	0.87	1.09	0.94	1.13	0.94	1.14	0.93	1.17	0.97	1.19	0.94	

Model	FDK15KXZE1 Cooling mode (kW)														
	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
Air flow (m³/min)	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
Lo	10			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.38	0.90
	12			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.37	0.89
	14			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.32	0.92	1.36	0.89
	16			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.31	0.91	1.36	0.89
	18			0.86	0.73	1.03	0.82	1.11	0.84	1.18	0.85	1.31	0.91	1.35	0.89
	20			0.86	0.73	1.03	0.82	1.11	0.84	1.17	0.84	1.30	0.91	1.35	0.89
	22			0.86	0.73	1.03	0.82	1.11	0.84	1.17	0.84	1.28	0.90	1.33	0.88
	24			0.86	0.73	1.03	0.82	1.11	0.84	1.16	0.84	1.27	0.90	1.31	0.87
	26			0.86	0.73	1.02	0.82	1.10	0.84	1.15	0.84	1.25	0.89	1.29	0.87
	28	0.78	0.72	0.86	0.73	1.02	0.82	1.09	0.83	1.14	0.83	1.23	0.88	1.27	0.86
	30	0.78	0.72	0.85	0.72	1.01	0.82	1.08	0.83	1.12	0.83	1.21	0.88	1.25	0.85
	32	0.78	0.72	0.85	0.72	1.00	0.81	1.07	0.82	1.11	0.82	1.19	0.87	1.23	0.85
	34	0.78	0.72	0.85	0.72	1.00	0.81	1.06	0.82	1.09	0.82	1.17	0.86	1.21	0.84
	35	0.78	0.72	0.85	0.72	1.00	0.81	1.05	0.81	1.08	0.81	1.15	0.86	1.19	0.83
36	0.78	0.72	0.85	0.72	0.99	0.81	1.04	0.81	1.07	0.81	1.13	0.85	1.17	0.83	
38	0.78	0.72	0.85	0.72	0.97	0.80	1.03	0.81	1.05	0.80	1.09	0.83	1.12	0.81	
39	0.78	0.72	0.84	0.72	0.97	0.80	1.03	0.81	1.04	0.80	1.07	0.82	1.10	0.80	
41	0.78	0.72	0.84	0.72	0.94	0.79	0.99	0.79	1.00	0.78	1.02	0.81	1.05	0.79	
43	0.78	0.72	0.84	0.72	0.91	0.77	0.94	0.77	0.95	0.76	0.97	0.79	1.00	0.77	

Notes(1) This data show average statuses out of those possible to occur in the system control. (Depending on controls, there may be ranges where the operation is not conducted continuously.)
 (2) Symbols are as follows
 TC : Total cooling capacity(kW)
 SHC :Sensible heat capacity(kW)

Model	FDK15KXZE1 Heating mode (kW)							
	Outdoor air temperature		Indoor air temperature					
	°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB	°CDB
P-Hi	-19.8	-20	0.99	0.99	0.99	0.99	0.99	0.99
	-17.8	-18	1.05	1.05	1.05	1.05	1.05	1.05
	-15.7	-16	1.11	1.11</				

Model FDK56KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			4.59	3.50	5.49	3.96	5.94	4.07	6.32	4.13	7.07	4.45	7.35	4.33
	12			4.59	3.50	5.49	3.96	5.94	4.07	6.31	4.13	7.05	4.45	7.31	4.31
	14			4.59	3.50	5.49	3.96	5.94	4.07	6.30	4.12	7.02	4.43	7.28	4.30
	16			4.59	3.50	5.49	3.96	5.94	4.07	6.29	4.12	7.00	4.42	7.25	4.29
	18			4.59	3.50	5.49	3.96	5.94	4.07	6.28	4.11	6.97	4.41	7.22	4.28
	20			4.59	3.50	5.49	3.96	5.94	4.07	6.27	4.11	6.95	4.40	7.19	4.27
	22			4.58	3.50	5.49	3.96	5.94	4.07	6.24	4.10	6.86	4.36	7.09	4.24
	24			4.58	3.50	5.48	3.96	5.94	4.07	6.21	4.09	6.77	4.33	6.99	4.19
	26			4.57	3.49	5.46	3.95	5.88	4.04	6.14	4.06	6.66	4.28	6.88	4.16
	28	4.14	3.44	4.57	3.49	5.43	3.94	5.82	4.02	6.07	4.02	6.56	4.24	6.78	4.12
12 (m³/min)	30	4.14	3.44	4.56	3.48	5.39	3.92	5.77	3.99	6.00	3.99	6.46	4.20	6.67	4.06
	32	4.14	3.44	4.55	3.48	5.35	3.90	5.71	3.97	5.93	3.96	6.36	4.16	6.57	4.03
	34	4.14	3.44	4.53	3.47	5.33	3.89	5.64	3.94	5.83	3.92	6.22	4.10	6.44	3.98
	35	4.14	3.44	4.52	3.46	5.32	3.89	5.60	3.92	5.79	3.91	6.16	4.07	6.37	3.96
	36	4.14	3.44	4.52	3.46	5.28	3.87	5.57	3.90	5.73	3.88	6.05	4.03	6.25	3.92
	38	4.14	3.44	4.51	3.46	5.20	3.84	5.52	3.88	5.62	3.83	5.82	3.95	6.00	3.83
	39	4.14	3.44	4.50	3.45	5.16	3.82	5.49	3.87	5.56	3.81	5.71	3.91	5.87	3.79
	41	4.14	3.44	4.49	3.45	5.00	3.75	5.26	3.77	5.33	3.71	5.46	3.82	5.60	3.70
	43	4.14	3.44	4.47	3.44	4.85	3.68	5.04	3.68	5.10	3.62	5.21	3.73	5.32	3.60

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			4.30	3.25	5.14	3.69	5.56	3.78	5.92	3.84	6.63	4.14	6.88	4.03
	12			4.30	3.25	5.14	3.69	5.56	3.78	5.91	3.84	6.60	4.13	6.85	4.02
	14			4.30	3.25	5.14	3.69	5.56	3.78	5.90	3.83	6.58	4.12	6.82	4.01
	16			4.30	3.25	5.14	3.69	5.56	3.78	5.89	3.83	6.56	4.12	6.79	3.99
	18			4.30	3.25	5.14	3.69	5.56	3.78	5.89	3.83	6.53	4.10	6.76	3.98
	20			4.30	3.25	5.14	3.69	5.56	3.78	5.88	3.83	6.51	4.10	6.73	3.97
	22			4.29	3.25	5.14	3.69	5.56	3.78	5.85	3.81	6.43	4.06	6.64	3.94
	24			4.29	3.25	5.14	3.69	5.56	3.78	5.82	3.80	6.34	4.02	6.55	3.90
	26			4.29	3.25	5.11	3.67	5.51	3.76	5.75	3.77	6.24	3.98	6.45	3.86
	28	3.88	3.19	4.28	3.24	5.09	3.66	5.46	3.74	5.69	3.75	6.14	3.94	6.35	3.83
11 (m³/min)	30	3.88	3.19	4.27	3.24	5.05	3.64	5.40	3.71	5.62	3.71	6.05	3.91	6.25	3.79
	32	3.88	3.19	4.26	3.24	5.01	3.62	5.35	3.69	5.55	3.68	5.96	3.87	6.16	3.76
	34	3.88	3.19	4.25	3.23	4.99	3.62	5.28	3.66	5.46	3.65	5.83	3.82	6.03	3.71
	35	3.88	3.19	4.24	3.23	4.98	3.61	5.25	3.65	5.42	3.63	5.77	3.79	5.97	3.69
	36	3.88	3.19	4.23	3.22	4.95	3.60	5.22	3.63	5.37	3.61	5.66	3.75	5.85	3.65
	38	3.88	3.19	4.22	3.21	4.87	3.56	5.17	3.61	5.26	3.56	5.46	3.68	5.62	3.55
	39	3.88	3.19	4.22	3.21	4.83	3.55	5.14	3.60	5.21	3.54	5.35	3.62	5.50	3.51
	41	3.88	3.19	4.20	3.20	4.69	3.48	4.93	3.51	4.99	3.45	5.12	3.54	5.25	3.43
	43	3.88	3.19	4.19	3.20	4.54	3.42	4.72	3.42	4.77	3.36	4.88	3.45	4.99	3.34

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			3.67	2.73	4.39	3.10	4.75	3.19	5.05	3.24	5.66	3.49	5.88	3.40
	12			3.67	2.73	4.39	3.10	4.75	3.19	5.05	3.24	5.64	3.49	5.85	3.39
	14			3.67	2.73	4.39	3.10	4.75	3.19	5.04	3.23	5.62	3.48	5.83	3.37
	16			3.67	2.73	4.39	3.10	4.75	3.19	5.03	3.23	5.60	3.47	5.80	3.36
	18			3.67	2.73	4.39	3.10	4.75	3.19	5.03	3.23	5.58	3.46	5.78	3.35
	20			3.67	2.73	4.39	3.10	4.75	3.19	5.02	3.22	5.56	3.45	5.75	3.34
	22			3.67	2.73	4.39	3.10	4.75	3.19	5.00	3.22	5.49	3.42	5.67	3.31
	24			3.66	2.73	4.39	3.10	4.75	3.19	4.97	3.20	5.42	3.39	5.60	3.29
	26			3.66	2.73	4.37	3.09	4.71	3.17	4.92	3.18	5.33	3.36	5.51	3.25
	28	3.32	2.69	3.66	2.73	4.35	3.08	4.66	3.15	4.86	3.16	5.25	3.32	5.42	3.22
9 (m³/min)	30	3.32	2.69	3.65	2.72	4.31	3.07	4.62	3.13	4.80	3.13	5.17	3.29	5.34	3.19
	32	3.32	2.69	3.64	2.72	4.28	3.05	4.57	3.11	4.74	3.10	5.09	3.26	5.26	3.16
	34	3.32	2.69	3.63	2.71	4.27	3.05	4.51	3.08	4.67	3.07	4.98	3.21	5.15	3.12
	35	3.32	2.69	3.62	2.71	4.26	3.04	4.48	3.07	4.65	3.05	4.93	3.19	5.10	3.10
	36	3.32	2.69	3.62	2.71	4.23	3.03	4.46	3.06	4.59	3.04	4.84	3.16	5.00	3.07
	38	3.32	2.69	3.61	2.70	4.16	3.00	4.41	3.04	4.50	3.00	4.66	3.08	4.80	2.99
	39	3.32	2.69	3.60	2.70	4.13	2.98	4.39	3.03	4.45	2.98	4.57	3.05	4.70	2.96
	41	3.32	2.69	3.59	2.70	4.01	2.93	4.21	2.95	4.27	2.90	4.37	2.97	4.48	2.88
	43	3.32	2.69	3.58	2.69	3.88	2.87	4.03	2.87	4.08	2.83	4.17	2.90	4.26	2.80

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo	10			3.34	2.47	3.99	2.80	4.32	2.88	4.59	2.93	5.14	3.15	5.34	3.06
	12			3.34	2.47	3.99	2.80	4.32	2.88	4.59	2.93	5.13	3.15	5.32	3.04
	14			3.34	2.47	3.99	2.80	4.32	2.88	4.58	2.92	5.11	3.14	5.29	3.04
	16			3.34	2.47	3.99	2.80	4.32	2.88	4.57	2.92	5.09	3.13	5.27	3.04
	18			3.34	2.47	3.99	2.80	4.32	2.88	4.57	2.92	5.07	3.12	5.25	3.03
	20			3.34	2.47	3.99	2.80	4.32	2.88	4.56	2.91	5.05	3.12	5.23	3.02
	22			3.33	2.47	3.99	2.80	4.32	2.88	4.54	2.90	4.99	3.09	5.15	2.99
	24			3.33	2.47	3.99	2.80	4.32	2.88	4.52	2.89	4.92	3.06	5.08	2.96
	26			3.33	2.47	3.97	2.79	4.28	2.86	4.47	2.87	4.85	3.03	5.01	2.94
	28	3.01	2.42	3.32	2.46	3.85	2.78	4.23	2.84	4.41	2.84	4.77	3.00	4.93	2.90
8 (m³/min)	30	3.01	2.42	3.31	2.46	3.92	2.77	4.19	2.82	4.36	2.82	4.70	2.97	4.85	2.87
	32	3.01	2.42	3.31	2.46	3.89	2.75	4.15	2.80	4.31	2.80	4.62	2.93	4.78	2.85
	34	3.01	2.42	3.30	2.45	3.88	2.75	4.10	2.78	4.24	2.77	4.52	2.89	4.68	2.81
	35	3.01	2.42	3.29	2.45	3.87	2.75	4.07	2.77	4.21	2.76	4.48	2.88	4.63	2.79
	36	3.01	2.42	3.28	2.45	3.84	2.73	4.05	2.76	4.17	2.74	4.40	2.84	4.54	2.76
	38	3.01	2.42	3.28	2.44	3.78	2.71	4.01	2.74	4.05	2.71	4.23	2.78	4.36	2.69
	39	3.01	2.42	3.27	2.43	3.75	2.69	3.99	2.73	4.05	2.69	4.15	2.75	4.27	2.66
	41	3.01	2.42	3.26	2.43	3.64	2.64	3.83	2.66	3.88	2.62	3.97	2.68	4.07	2.59
	43	3.01	2.42	3.25	2.42	3.53	2.59	3.66	2.59	3.71	2.55	3.79	2.61	3.87	2.52

Notes(1) This data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC : Total cooling capacity(kW)
SHC :Sensible heat capacity(kW)

Heating mode (kW)

	Outdoor air temperature	Indoor air temperature					
		16 °CDB		18 °CDB		20 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi	-19.8	-20	3.65	3.65	3.65	3.65	3.65
	-17.8	-18	3.89	3.89	3.89	3.89	3.89
	-15.7	-16	4.12	4.12	4.12	4.12	4.12
	-13.7	-14	4.36	4.36	4.36	4.36	4.36
	-11.7</						

Model FDK90KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi	10			7.38	5.84	8.82	6.60	9.54	6.77	10.15	6.87	11.37	7.41	11.80	7.21
	12			7.38	5.84	8.82	6.60	9.54	6.77	10.14	6.86	11.33	7.39	11.75	7.19
	14			7.38	5.84	8.82	6.60	9.54	6.77	10.12	6.86	11.29	7.38	11.70	7.18
	16			7.38	5.84	8.82	6.60	9.54	6.77	10.11	6.85	11.25	7.35	11.65	7.16
	18			7.38	5.84	8.82	6.60	9.54	6.77	10.09	6.84	11.20	7.34	11.60	7.13
	20			7.38	5.84	8.82	6.60	9.54	6.77	10.08	6.83	11.16	7.32	11.55	7.12
	22			7.37	5.84	8.82	6.60	9.54	6.77	10.03	6.81	11.02	7.27	11.39	7.07
	24			7.36	5.83	8.81	6.59	9.54	6.77	9.99	6.80	10.88	7.21	11.24	7.01
	26			7.35	5.83	8.77	6.58	9.45	6.73	9.87	6.75	10.71	7.14	11.06	6.91
	28	6.66	5.75	7.34	5.82	8.73	6.56	9.36	6.70	9.75	6.70	10.54	7.09	10.89	6.86
30	6.66	5.75	7.33	5.82	8.66	6.53	9.27	6.65	9.64	6.65	10.38	7.00	10.73	6.81	
32	6.66	5.75	7.31	5.81	8.60	6.51	9.18	6.59	9.53	6.60	10.22	6.94	10.56	6.76	
34	6.66	5.75	7.28	5.80	8.57	6.50	9.06	6.55	9.37	6.52	10.00	6.87	10.35	6.69	
35	6.66	5.75	7.27	5.79	8.55	6.49	9.00	6.52	9.30	6.49	9.89	6.83	10.24	6.66	
36	6.66	5.75	7.26	5.79	8.49	6.46	8.96	6.51	9.21	6.46	9.72	6.77	10.04	6.59	
38	6.66	5.75	7.25	5.79	8.36	6.41	8.87	6.47	9.03	6.40	9.36	6.64	9.64	6.45	
39	6.66	5.75	7.24	5.78	8.29	6.37	8.82	6.46	8.94	6.36	9.18	6.57	9.44	6.38	
41	6.66	5.75	7.21	5.77	8.04	6.28	8.46	6.31	8.56	6.21	8.77	6.42	9.00	6.23	
43	6.66	5.75	7.19	5.76	7.80	6.17	8.10	6.16	8.19	6.07	8.37	6.28	8.56	6.09	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi	10			6.90	5.42	8.25	6.13	8.92	6.28	9.49	6.37	10.63	6.87	11.04	6.69
	12			6.90	5.42	8.25	6.13	8.92	6.28	9.48	6.36	10.59	6.86	10.99	6.67
	14			6.90	5.42	8.25	6.13	8.92	6.28	9.46	6.36	10.55	6.85	10.94	6.66
	16			6.90	5.42	8.25	6.13	8.92	6.28	9.45	6.35	10.51	6.83	10.89	6.64
	18			6.90	5.42	8.25	6.13	8.92	6.28	9.44	6.35	10.48	6.81	10.85	6.63
	20			6.90	5.42	8.25	6.13	8.92	6.28	9.43	6.35	10.44	6.80	10.80	6.60
	22			6.89	5.41	8.24	6.13	8.92	6.28	9.38	6.33	10.31	6.75	10.65	6.55
	24			6.88	5.41	8.24	6.13	8.92	6.28	9.34	6.31	10.17	6.69	10.50	6.50
	26			6.87	5.40	8.20	6.11	8.83	6.24	9.23	6.26	10.01	6.63	10.34	6.43
	28	6.23	5.32	6.87	5.40	8.16	6.10	8.75	6.21	9.12	6.22	9.85	6.57	10.18	6.38
30	6.23	5.32	6.85	5.39	8.10	6.06	8.67	6.16	9.01	6.17	9.70	6.51	10.03	6.33	
32	6.23	5.32	6.83	5.39	8.04	6.04	8.58	6.13	8.91	6.13	9.55	6.44	9.88	6.28	
34	6.23	5.32	6.81	5.38	8.01	6.03	8.47	6.09	8.76	6.06	9.35	6.38	9.67	6.20	
35	6.23	5.32	6.80	5.37	7.99	6.02	8.41	6.07	8.69	6.04	9.25	6.33	9.57	6.17	
36	6.23	5.32	6.79	5.35	7.93	6.00	8.37	6.05	8.61	6.01	9.08	6.28	9.38	6.10	
38	6.23	5.32	6.77	5.34	7.81	5.94	8.29	6.01	8.44	5.94	8.75	6.15	9.01	5.95	
39	6.23	5.32	6.77	5.34	7.75	5.92	8.25	5.99	8.35	5.91	8.58	6.06	8.83	5.90	
41	6.23	5.32	6.74	5.33	7.52	5.81	7.91	5.85	8.01	5.77	8.20	5.94	8.41	5.77	
43	6.23	5.32	6.72	5.32	7.29	5.70	7.57	5.69	7.66	5.61	7.82	5.81	8.00	5.64	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me	10			6.39	4.98	7.64	5.64	8.26	5.78	8.79	5.85	9.85	6.33	10.23	6.15
	12			6.39	4.98	7.64	5.64	8.26	5.78	8.78	5.84	9.81	6.31	10.18	6.14
	14			6.39	4.98	7.64	5.64	8.26	5.78	8.77	5.84	9.78	6.29	10.14	6.13
	16			6.39	4.98	7.64	5.64	8.26	5.78	8.76	5.84	9.74	6.28	10.09	6.08
	18			6.39	4.98	7.64	5.64	8.26	5.78	8.74	5.83	9.71	6.27	10.05	6.07
	20			6.39	4.98	7.64	5.64	8.26	5.78	8.73	5.82	9.67	6.25	10.01	6.05
	22			6.38	4.97	7.64	5.64	8.26	5.78	8.69	5.81	9.55	6.18	9.87	6.01
	24			6.37	4.97	7.63	5.63	8.26	5.78	8.65	5.79	9.43	6.14	9.73	5.96
	26			6.37	4.97	7.60	5.62	8.19	5.75	8.55	5.75	9.28	6.09	9.58	5.92
	28	5.77	4.90	6.36	4.97	7.56	5.60	8.11	5.71	8.45	5.72	9.13	6.03	9.43	5.86
30	5.77	4.90	6.35	4.96	7.50	5.57	8.03	5.68	8.35	5.68	8.99	5.99	9.29	5.82	
32	5.77	4.90	6.33	4.95	7.45	5.55	7.95	5.64	8.25	5.63	8.85	5.93	9.15	5.76	
34	5.77	4.90	6.31	4.94	7.42	5.54	7.85	5.60	8.12	5.58	8.66	5.85	8.96	5.69	
35	5.77	4.90	6.30	4.94	7.41	5.53	7.80	5.57	8.05	5.55	8.57	5.82	8.87	5.66	
36	5.77	4.90	6.29	4.94	7.35	5.51	7.76	5.56	7.98	5.52	8.42	5.76	8.70	5.60	
38	5.77	4.90	6.28	4.93	7.24	5.46	7.68	5.52	7.82	5.45	8.11	5.64	8.35	5.48	
39	5.77	4.90	6.27	4.93	7.18	5.43	7.64	5.51	7.75	5.43	7.95	5.58	8.18	5.43	
41	5.77	4.90	6.25	4.91	6.97	5.34	7.33	5.38	7.42	5.30	7.60	5.45	7.80	5.29	
43	5.77	4.90	6.22	4.90	6.75	5.24	7.02	5.25	7.09	5.17	7.25	5.33	7.41	5.14	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Lo	10			5.57	4.29	6.66	4.86	7.21	4.99	7.67	5.06	8.59	5.45	8.92	5.31
	12			5.57	4.29	6.66	4.86	7.21	4.99	7.66	5.05	8.56	5.44	8.88	5.29
	14			5.57	4.29	6.66	4.86	7.21	4.99	7.65	5.05	8.53	5.43	8.84	5.28
	16			5.57	4.29	6.66	4.86	7.21	4.99	7.64	5.05	8.50	5.42	8.80	5.27
	18			5.57	4.29	6.66	4.86	7.21	4.99	7.63	5.04	8.47	5.41	8.77	5.26
	20			5.57	4.29	6.66	4.86	7.21	4.99	7.62	5.04	8.44	5.39	8.73	5.23
	22			5.57	4.29	6.66	4.86	7.21	4.99	7.58	5.02	8.33	5.35	8.61	5.20
	24			5.56	4.29	6.66	4.86	7.21	4.99	7.55	5.01	8.22	5.31	8.49	5.15
	26			5.55	4.28	6.63	4.85	7.14	4.95	7.46	4.97	8.09	5.25	8.36	5.10
	28	5.03	4.22	5.55	4.28	6.60	4.83	7.07	4.92	7.37	4.93	7.96	5.21	8.23	5.06
30	5.03	4.22	5.54	4.28	6.55	4.81	7.00	4.90	7.28	4.89	7.84	5.16	8.11	5.01	
32	5.03	4.22	5.52	4.27	6.49	4.77	6.94	4.86	7.20	4.86	7.72	5.11	7.98	4.97	
34	5.03	4.22	5.50	4.26	6.47	4.76	6.85	4.83	7.08	4.81	7.56	5.05	7.82	4.91	
35	5.03	4.22	5.50	4.26	6.46	4.76	6.80	4.81	7.03	4.79	7.48	5.01	7.74	4.86	
36	5.03	4.22	5.49	4.25	6.41	4.74	6.77	4.80	6.96	4.76	7.34	4.96	7.59	4.81	
38	5.03	4.22	5.47	4.25	6.31	4.70	6.70	4.76	6.82	4.69	7.07	4.85	7.28	4.71	
39	5.03	4.22	5.47	4.25	6.27	4.68	6.66	4.73	6.76	4.66	6.94	4.80	7.13	4.67	
41	5.03	4.22	5.45	4.23	6.08	4.60	6.39	4.63	6.47	4.56	6.63	4.69	6.80	4.55	
43	5.03	4.22	5.43	4.22	5.89	4.52	6.12	4.51	6.19	4.44	6.32	4.58	6.47	4.44	

Notes(1) This data show average statuses out of those possible to occur in the system control. (Depending on controls, there may be ranges where the operation is not conducted continuously.)
 (2) Symbols are as follows
 TC : Total cooling capacity(kW)
 SHC :Sensible heat capacity(kW)

Heating mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature					
		16 °CDB		18 °CDB		20 °CDB	

(9) Ceiling suspended type (FDE)

Model		Cooling mode												Heating mode											
FDE36KXZE1																									
Air flow	Outdoor air temperature (°CDB)	Indoor air temperature												Outdoor air temperature	Indoor air temperature										
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB			33 °CDB 24 °CWB		°CDB	°CWB	16 °CDB	18 °CDB	20 °CDB	22 °CDB	24 °CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC		TC	SHC									
P-Hi 13 (m/min)	10			2.95	2.46	3.53	2.77	3.82	2.84	4.06	2.88	4.55	3.10	4.72	3.04	P-Hi 13 (m/min)	-19.8	-20	2.32	2.32	2.32	2.32	2.32		
	12			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.53	3.10	4.70	3.03		-17.8	-18	2.47	2.47	2.47	2.47	2.47		
	14			2.95	2.46	3.53	2.77	3.82	2.84	4.05	2.87	4.51	3.09	4.68	3.02		-15.7	-16	2.62	2.62	2.62	2.62	2.62		
	16			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.87	4.50	3.09	4.66	3.01		-13.7	-14	2.77	2.77	2.77	2.77	2.77		
	18			2.95	2.46	3.53	2.77	3.82	2.84	4.04	2.87	4.48	3.08	4.64	3.01		-11.7	-12	2.92	2.92	2.92	2.92	2.92		
	20			2.95	2.46	3.53	2.77	3.82	2.84	4.03	2.87	4.47	3.08	4.62	3.00		-9.6	-10	3.07	3.07	3.07	3.07	3.07		
	22			2.95	2.46	3.53	2.77	3.82	2.84	4.01	2.86	4.41	3.06	4.56	2.98		-7.5	-8	3.25	3.25	3.25	3.25	3.25		
	24			2.94	2.45	3.52	2.76	3.82	2.84	3.99	2.85	4.35	3.03	4.49	2.96		-5.5	-6	3.44	3.44	3.44	3.44	3.44		
	26			2.94	2.45	3.51	2.76	3.78	2.82	3.95	2.83	4.28	3.01	4.43	2.93		-3.4	-4	3.56	3.56	3.55	3.52	3.48		
	28	2.66	2.42	2.94	2.45	3.49	2.75	3.74	2.81	3.90	2.82	4.22	2.98	4.36	2.91		-1.3	-2	3.68	3.67	3.66	3.59	3.52		
	30	2.66	2.42	2.93	2.45	3.47	2.75	3.71	2.80	3.86	2.80	4.15	2.96	4.29	2.86		0.8	0	3.88	3.83	3.77	3.64	3.50		
	32	2.66	2.42	2.92	2.45	3.44	2.74	3.67	2.78	3.81	2.78	4.09	2.94	4.23	2.86		3.9	3	4.21	4.06	3.91	3.69	3.47		
	34	2.66	2.42	2.91	2.44	3.43	2.73	3.62	2.75	3.75	2.76	4.00	2.90	4.14	2.82		7.0	6	4.60	4.30	4.00	3.72	3.44		
	35	2.66	2.42	2.91	2.44	3.42	2.73	3.60	2.74	3.72	2.73	3.96	2.89	4.09	2.80		10.1	9	4.57	4.28	3.99	3.70	3.41		
	36	2.66	2.42	2.91	2.44	3.39	2.72	3.58	2.73	3.68	2.71	3.89	2.85	4.02	2.79		13.2	12	4.54	4.25	3.96	3.67	3.38		
38	2.66	2.42	2.90	2.44	3.34	2.70	3.55	2.72	3.61	2.69	3.74	2.81	3.86	2.74	16.9	15.5	4.51	4.22	3.93	3.64	3.35				
39	2.66	2.42	2.89	2.43	3.32	2.69	3.53	2.72	3.58	2.68	3.67	2.78	3.78	2.71											
41	2.66	2.42	2.88	2.43	3.22	2.65	3.38	2.66	3.43	2.63	3.51	2.73	3.60	2.65											
43	2.66	2.42	2.87	2.43	3.12	2.61	3.24	2.61	3.28	2.57	3.35	2.67	3.42	2.60											

Notes(1) This data shows average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
(2) Symbols are as follows
TC : Total cooling capacity(kW)
SHC : Sensible heat capacity(kW)

PFA004Z045

Model **FDE45KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m/min)	10			3.69	2.92	4.41	3.31	4.77	3.39	5.07	3.44	5.68	3.71	5.90	3.61
	12			3.69	2.92	4.41	3.31	4.77	3.39	5.07	3.44	5.66	3.70	5.88	3.60
	14			3.69	2.92	4.41	3.31	4.77	3.39	5.06	3.43	5.64	3.69	5.85	3.59
	16			3.69	2.92	4.41	3.31	4.77	3.39	5.05	3.43	5.62	3.68	5.83	3.59
	18			3.69	2.92	4.41	3.31	4.77	3.39	5.05	3.43	5.60	3.68	5.80	3.57
	20			3.69	2.92	4.41	3.31	4.77	3.39	5.04	3.43	5.58	3.67	5.78	3.57
	22			3.68	2.92	4.41	3.31	4.77	3.39	5.02	3.41	5.51	3.64	5.70	3.54
	24			3.68	2.92	4.41	3.31	4.77	3.39	4.99	3.40	5.44	3.62	5.62	3.51
	26			3.68	2.92	4.39	3.30	4.73	3.36	4.93	3.38	5.35	3.57	5.53	3.46
	28	3.33	2.88	3.67	2.92	4.37	3.29	4.68	3.34	4.88	3.36	5.27	3.53	5.44	3.44
	30	3.33	2.88	3.66	2.91	4.33	3.28	4.64	3.33	4.82	3.32	5.19	3.50	5.36	3.42
	32	3.33	2.88	3.65	2.91	4.30	3.26	4.59	3.31	4.76	3.30	5.11	3.48	5.28	3.39
	34	3.33	2.88	3.64	2.90	4.28	3.25	4.53	3.29	4.69	3.28	5.00	3.44	5.17	3.35
	35	3.33	2.88	3.64	2.90	4.28	3.25	4.50	3.27	4.65	3.26	4.95	3.43	5.12	3.34
36	3.33	2.88	3.63	2.90	4.24	3.24	4.48	3.26	4.60	3.24	4.86	3.39	5.02	3.30	
38	3.33	2.88	3.62	2.90	4.18	3.21	4.43	3.25	4.52	3.21	4.68	3.32	4.82	3.23	
39	3.33	2.88	3.62	2.90	4.15	3.20	4.41	3.23	4.47	3.19	4.59	3.29	4.72	3.20	
41	3.33	2.88	3.61	2.89	4.02	3.14	4.23	3.16	4.28	3.11	4.39	3.22	4.50	3.11	
43	3.33	2.88	3.59	2.88	3.90	3.09	4.05	3.09	4.09	3.04	4.18	3.13	4.28	3.05	

Heating mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi 13 (m/min)	-19.8	-20	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90
	-17.8	-18	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09	3.09
	-15.7	-16	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27	3.27
	-13.7	-14	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46
	-11.7	-12	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
	-9.6	-10	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83	3.83
	-7.5	-8	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07
	-5.5	-6	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30
	-3.4	-4	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44
	-1.3	-2	4.60	4.59	4.58	4.58	4.58	4.58	4.58	4.58	4.58
	0.8	0	4.85	4.78	4.71	4.71	4.71	4.71	4.71	4.71	4.71
	3.9	3	5.26	5.08	4.89	4.89	4.89	4.89	4.89	4.89	4.89
	7.0	6	5.75	5.38	5.00	5.00	5.00	5.00	5.00	5.00	5.00
	10.1	9	5.71	5.35	4.98	4.98	4.98	4.98	4.98	4.98	4.98
13.2	12	5.68	5.31	4.95	4.95	4.95	4.95	4.95	4.95	4.95	
16.9	15.5	5.63	5.27	4.91	4.91	4.91	4.91	4.91	4.91	4.91	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m/min)	10			2.97	2.32	3.55	2.63	3.84	2.70	4.08	2.73	4.57	2.95	4.75	2.87
	12			2.97	2.32	3.55	2.63	3.84	2.70	4.08	2.73	4.56	2.94	4.73	2.87
	14			2.97	2.32	3.55	2.63	3.84	2.70	4.07	2.73	4.54	2.94	4.71	2.86
	16			2.97	2.32	3.55	2.63	3.84	2.70	4.07	2.73	4.52	2.93	4.69	2.85
	18			2.97	2.32	3.55	2.63	3.84	2.70	4.06	2.73	4.51	2.92	4.67	2.84
	20			2.97	2.32	3.55	2.63	3.84	2.70	4.05	2.72	4.49	2.92	4.65	2.83
	22			2.96	2.32	3.55	2.63	3.84	2.70	4.04	2.71	4.43	2.89	4.58	2.81
	24			2.96	2.32	3.54	2.62	3.84	2.70	4.02	2.71	4.38	2.87	4.52	2.79
	26			2.96	2.32	3.53	2.62	3.80	2.67	3.97	2.69	4.31	2.85	4.45	2.76
	28	2.68	2.28	2.95	2.32	3.51	2.61	3.76	2.65	3.92	2.66	4.24	2.82	4.38	2.72
	30	2.68	2.28	2.95	2.32	3.48	2.60	3.73	2.64	3.88	2.64	4.17	2.79	4.31	2.70
	32	2.68	2.28	2.94	2.31	3.46	2.59	3.69	2.63	3.83	2.62	4.11	2.76	4.25	2.69
	34	2.68	2.28	2.93	2.30	3.44	2.58	3.64	2.61	3.77	2.60	4.02	2.73	4.16	2.66
	35	2.68	2.28	2.92	2.30	3.44	2.58	3.62	2.60	3.74	2.59	3.98	2.72	4.12	2.65
36	2.68	2.28	2.92	2.30	3.41	2.57	3.60	2.59	3.70	2.57	3.91	2.69	4.04	2.62	
38	2.68	2.28	2.91	2.30	3.36	2.55	3.57	2.58	3.63	2.54	3.76	2.63	3.88	2.56	
39	2.68	2.28	2.91	2.30	3.33	2.53	3.55	2.57	3.60	2.53	3.69	2.61	3.80	2.54	
41	2.68	2.28	2.90	2.29	3.23	2.49	3.40	2.51	3.44	2.47	3.53	2.55	3.62	2.46	
43	2.68	2.28	2.89	2.29	3.13	2.45	3.26	2.45	3.29	2.41	3.36	2.47	3.44	2.41	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature									
		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
Hi 10 (m/min)	-19.8	-20	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
	-17.8	-18	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44
	-15.7	-16	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59
	-13.7	-14	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74
	-11.7	-12	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88
	-9.6	-10	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03
	-7.5	-8	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22
	-5.5	-6	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40
	-3.4	-4	3.52	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51
	-1.3	-2	3.64	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63
	0.8	0	3.84	3.78	3.73	3.73	3.73	3.73	3.73	3.73	3.73
	3.9	3	4.16	4.01	3.87	3.87	3.87	3.87	3.87	3.87	3.87
	7.0	6	4.55	4.25	3.95	3.95	3.95	3.95	3.95	3.95	3.95
	10.1	9	4.52	4.23	3.94	3.94	3.94	3.94	3.94	3.94	3.94
13.2	12	4.49	4.20	3.91	3.91	3.91	3.91	3.91	3.91	3.91	
16.9	15.5	4.45	4.17	3.88	3.88	3.88	3.88	3.88	3.88	3.88	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m/min)	10			2.71	2.11	3.24	2.39	3.50	2.45	3.73	2.49	4.18	2.69	4.34	2.63
	12			2.71	2.11	3.24	2.39	3.50	2.45	3.72	2.48	4.16	2.67	4.32	2.60
	14			2.71	2.11	3.24	2.39	3.50	2.45	3.72	2.48	4.15	2.66	4.30	2.59
	16			2.71	2.11	3.24	2.39	3.50	2.45	3.71	2.48	4.13	2.66	4.28	2.59
	18			2.71	2.11	3.24	2.39	3.50	2.45	3.71	2.48	4.12	2.65	4.26	2.58
	20			2.71	2.11	3.24	2.39	3.50	2.45	3.70	2.48	4.10	2.65	4.24	2.58
	22			2.71	2.11	3.24	2.39	3.50	2.45	3.69	2.47	4.05	2.63	4.18	2.56
	24			2.70	2.11	3.24	2.39	3.50	2.45	3.67	2.46	4.00	2.61	4.13	2.54
	26			2.70	2.11	3.22	2.37	3.47	2.44	3.63	2.44	3.93	2.58	4.06	2.51
	28	2.45	2.08	2.70	2.11	3.21	2.37	3.44	2.43	3.58	2.42	3.87	2.56	4.00	2.49
	30	2.45	2.08	2.69	2.10	3.18	2.36	3.40	2.41	3.54	2.41	3.81	2.54	3.94	2.47
	32	2.45	2.08	2.68	2.10	3.16	2.35	3.37	2.39	3.50	2.39	3.75	2.51	3.88	2.45
	34	2.45	2.08	2.68	2.10	3.15	2.35	3.33	2.38	3.44	2.37	3.67	2.48	3.80	2.40
	35	2.45	2.08	2.67	2.09	3.14	2.34	3.31	2.36	3.42	2.36	3.63	2.47	3.76	2.39
36	2.45	2.08	2.67	2.09	3.12	2.34	3.29	2.35	3.38	2.33	3.57	2.43	3.69	2.37	
38	2.45	2.08	2.66	2.09	3.07	2.32	3.26	2.34	3.32	2.31	3.44	2.39	3.54	2.33	
39	2.45	2.08	2.66	2.09	3.05	2.31	3.24	2.33	3.28	2.30	3.37	2.37	3.47	2.	

Model FDE56KXZE1 Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 13 (m/min)	10			4.59	3.48	5.49	3.94	5.94	4.05	6.32	4.11	7.07	4.43	7.35	4.31
	12			4.59	3.48	5.49	3.94	5.94	4.05	6.31	4.11	7.05	4.42	7.31	4.28
	14			4.59	3.48	5.49	3.94	5.94	4.05	6.30	4.10	7.02	4.41	7.28	4.27
	16			4.59	3.48	5.49	3.94	5.94	4.05	6.29	4.09	7.00	4.40	7.25	4.26
	18			4.59	3.48	5.49	3.94	5.94	4.05	6.28	4.08	6.97	4.39	7.22	4.25
	20			4.59	3.48	5.49	3.94	5.94	4.05	6.27	4.08	6.95	4.38	7.19	4.24
	22			4.58	3.47	5.49	3.94	5.94	4.05	6.24	4.07	6.86	4.33	7.09	4.21
	24			4.58	3.47	5.48	3.94	5.94	4.05	6.21	4.06	6.77	4.30	6.99	4.17
	26			4.57	3.47	5.46	3.93	5.88	4.02	6.14	4.03	6.66	4.26	6.88	4.13
	28	4.14	3.41	4.57	3.47	5.43	3.91	5.82	3.99	6.07	4.00	6.56	4.22	6.78	4.10
	30	4.14	3.41	4.56	3.46	5.39	3.90	5.77	3.97	6.00	3.98	6.46	4.18	6.67	4.06
	32	4.14	3.41	4.55	3.46	5.35	3.88	5.71	3.94	5.93	3.94	6.36	4.14	6.57	4.02
	34	4.14	3.41	4.53	3.45	5.33	3.87	5.64	3.92	5.83	3.90	6.22	4.08	6.44	3.97
	35	4.14	3.41	4.52	3.44	5.32	3.86	5.60	3.89	5.79	3.88	6.16	4.06	6.37	3.94
36	4.14	3.41	4.52	3.44	5.28	3.85	5.57	3.88	5.73	3.86	6.05	4.02	6.25	3.90	
38	4.14	3.41	4.51	3.44	5.20	3.81	5.52	3.86	5.62	3.81	5.82	3.93	6.00	3.80	
39	4.14	3.41	4.50	3.43	5.16	3.79	5.49	3.85	5.56	3.79	5.71	3.87	5.87	3.76	
41	4.14	3.41	4.49	3.43	5.00	3.72	5.26	3.75	5.33	3.69	5.46	3.79	5.60	3.67	
43	4.14	3.41	4.47	3.42	4.85	3.66	5.04	3.65	5.10	3.60	5.21	3.70	5.32	3.58	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 13 (m/min)	-19.8	-20	3.65	3.65	3.65	3.65	
	-17.8	-18	3.89	3.89	3.89	3.89	
	-15.7	-16	4.12	4.12	4.12	4.12	
	-13.7	-14	4.36	4.36	4.36	4.36	
	-11.7	-12	4.59	4.59	4.59	4.59	
	-9.6	-10	4.83	4.83	4.83	4.83	
	-7.5	-8	5.12	5.12	5.12	5.12	
	-5.5	-6	5.42	5.42	5.42	5.42	
	-3.4	-4	5.61	5.60	5.59	5.54	
	-1.3	-2	5.80	5.78	5.76	5.54	
	0.8	0	6.11	6.02	5.94	5.73	
	3.9	3	6.63	6.39	6.16	5.81	
	7.0	6	7.25	6.77	6.30	5.86	
	10.1	9	7.20	6.74	6.28	5.82	
13.2	12	7.15	6.69	6.24	5.78		
16.9	15.5	7.10	6.64	6.18	5.73		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 10 (m/min)	10			3.69	2.75	4.41	3.13	4.77	3.22	5.08	3.27	5.69	3.52	5.91	3.42
	12			3.69	2.75	4.41	3.13	4.77	3.22	5.07	3.27	5.67	3.51	5.88	3.41
	14			3.69	2.75	4.41	3.13	4.77	3.22	5.07	3.27	5.65	3.50	5.86	3.40
	16			3.69	2.75	4.41	3.13	4.77	3.22	5.06	3.26	5.63	3.49	5.83	3.39
	18			3.69	2.75	4.41	3.13	4.77	3.22	5.05	3.26	5.61	3.48	5.81	3.39
	20			3.69	2.75	4.41	3.13	4.77	3.22	5.05	3.26	5.59	3.48	5.78	3.38
	22			3.69	2.75	4.41	3.13	4.77	3.22	5.02	3.24	5.52	3.45	5.70	3.34
	24			3.68	2.75	4.41	3.13	4.77	3.22	5.00	3.23	5.45	3.43	5.62	3.31
	26			3.68	2.75	4.39	3.12	4.73	3.20	4.94	3.21	5.36	3.38	5.54	3.28
	28	3.33	2.71	3.68	2.75	4.37	3.11	4.68	3.17	4.88	3.18	5.27	3.35	5.45	3.25
	30	3.33	2.71	3.67	2.74	4.34	3.10	4.64	3.15	4.82	3.16	5.19	3.32	5.37	3.22
	32	3.33	2.71	3.66	2.74	4.30	3.08	4.59	3.13	4.77	3.14	5.11	3.29	5.29	3.19
	34	3.33	2.71	3.65	2.74	4.29	3.08	4.53	3.11	4.69	3.10	5.01	3.25	5.18	3.15
	35	3.33	2.71	3.64	2.73	4.28	3.07	4.50	3.10	4.65	3.08	4.95	3.22	5.12	3.13
36	3.33	2.71	3.63	2.73	4.25	3.05	4.48	3.09	4.61	3.07	4.86	3.18	5.02	3.08	
38	3.33	2.71	3.63	2.73	4.18	3.03	4.44	3.07	4.52	3.03	4.68	3.11	4.82	3.02	
39	3.33	2.71	3.62	2.72	4.15	3.01	4.41	3.05	4.47	3.00	4.60	3.08	4.73	2.99	
41	3.33	2.71	3.61	2.72	4.03	2.95	4.23	2.97	4.29	2.92	4.39	3.00	4.50	2.91	
43	3.33	2.71	3.60	2.71	3.90	2.90	4.05	2.89	4.10	2.85	4.19	2.92	4.28	2.83	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 10 (m/min)	-19.8	-20	2.89	2.89	2.89	2.89	
	-17.8	-18	3.08	3.08	3.08	3.08	
	-15.7	-16	3.26	3.26	3.26	3.26	
	-13.7	-14	3.45	3.45	3.45	3.45	
	-11.7	-12	3.63	3.63	3.63	3.63	
	-9.6	-10	3.82	3.82	3.82	3.82	
	-7.5	-8	4.05	4.05	4.05	4.05	
	-5.5	-6	4.28	4.28	4.28	4.28	
	-3.4	-4	4.43	4.43	4.42	4.38	
	-1.3	-2	4.58	4.57	4.56	4.47	
	0.8	0	4.83	4.76	4.70	4.53	
	3.9	3	5.24	5.06	4.87	4.60	
	7.0	6	5.73	5.36	4.98	4.63	
	10.1	9	5.69	5.33	4.96	4.61	
13.2	12	5.65	5.29	4.93	4.57		
16.9	15.5	5.61	5.25	4.89	4.53		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 9 (m/min)	10			3.37	2.51	4.03	2.85	4.36	2.93	4.64	2.98	5.20	3.21	5.40	3.12
	12			3.37	2.51	4.03	2.85	4.36	2.93	4.63	2.97	5.18	3.20	5.37	3.10
	14			3.37	2.51	4.03	2.85	4.36	2.93	4.63	2.97	5.16	3.19	5.35	3.10
	16			3.37	2.51	4.03	2.85	4.36	2.93	4.62	2.96	5.14	3.18	5.33	3.09
	18			3.37	2.51	4.03	2.85	4.36	2.93	4.61	2.95	5.12	3.17	5.30	3.08
	20			3.37	2.51	4.03	2.85	4.36	2.93	4.61	2.95	5.10	3.17	5.28	3.06
	22			3.37	2.51	4.03	2.85	4.36	2.93	4.59	2.95	5.04	3.14	5.21	3.04
	24			3.36	2.50	4.03	2.85	4.36	2.93	4.57	2.94	4.97	3.10	5.14	3.01
	26			3.36	2.50	4.01	2.84	4.32	2.91	4.51	2.92	4.90	3.08	5.06	2.99
	28	3.04	2.46	3.36	2.50	3.99	2.83	4.28	2.89	4.46	2.90	4.82	3.05	4.98	2.96
	30	3.04	2.46	3.35	2.50	3.96	2.81	4.24	2.87	4.41	2.87	4.74	3.02	4.90	2.93
	32	3.04	2.46	3.34	2.50	3.93	2.80	4.20	2.85	4.35	2.85	4.67	2.99	4.83	2.90
	34	3.04	2.46	3.33	2.49	3.92	2.80	4.14	2.83	4.28	2.82	4.57	2.95	4.73	2.86
	35	3.04	2.46	3.32	2.49	3.91	2.79	4.11	2.82	4.25	2.80	4.52	2.92	4.68	2.84
36	3.04	2.46	3.32	2.49	3.88	2.78	4.09	2.81	4.21	2.79	4.44	2.89	4.59	2.81	
38	3.04	2.46	3.31	2.48	3.82	2.75	4.05	2.79	4.13	2.75	4.28	2.83	4.41	2.75	
39	3.04	2.46	3.31	2.48	3.79	2.74	4.03	2.78	4.09	2.74	4.20	2.80	4.32	2.70	
41	3.04	2.46	3.30	2.47	3.68	2.69	3.87	2.71	3.91	2.66	4.01	2.72	4.11	2.64	
43	3.04	2.46	3.28	2.47	3.56	2.63	3.70	2.63	3.74	2.58	3.82	2.65	3.91	2.57	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 9 (m/min)	-19.8	-20	2.62	2.62	2.62	2.62	
	-17.8	-18	2.79	2.79	2.79	2.79	
	-15.7	-16	2.96	2.96	2.96	2.96	
	-13.7	-14	3.13	3.13	3.13	3.13	
	-11.7	-12	3.30	3.30	3.30	3.30	
	-9.6	-10	3.47	3.47	3.47	3.47	
	-7.5	-8	3.68	3.68	3.68	3.68	
	-5.5	-6	3.89	3.89	3.89	3.89	
	-3.4	-4	4.03	4.02	4.01	3.97	
	-1.3	-2	4.16	4.15	4.14	4.06	
	0.8	0	4.39	4.32	4.26	4.11	
	3.9	3	4.76	4.59	4.42	4.17	
	7.0	6	5.20	4.86	4.52	4.21	
	10.1	9	5.17	4.84	4.51	4.18	
13.2	12	5.13	4.81	4.48	4.15		
16.9	15.5	5.09	4.77	4.44	4.11		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB			

Model **FDE71KXZE1** Cooling mode (kW) Heating mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 20 (m ³ /min)	10			5.82	4.62	6.96	5.23	7.53	5.36	8.01	5.42	8.97	5.86	9.31	5.71
	12			5.82	4.62	6.96	5.23	7.53	5.36	8.00	5.42	8.94	5.85	9.27	5.69
	14			5.82	4.62	6.96	5.23	7.53	5.36	7.99	5.41	8.90	5.83	9.23	5.68
	16			5.82	4.62	6.96	5.23	7.53	5.36	7.97	5.41	8.87	5.82	9.19	5.67
	18			5.82	4.62	6.96	5.23	7.53	5.36	7.96	5.40	8.84	5.81	9.15	5.64
	20			5.82	4.62	6.96	5.23	7.53	5.36	7.95	5.40	8.81	5.80	9.11	5.63
	22			5.81	4.62	6.95	5.22	7.53	5.36	7.92	5.39	8.70	5.76	8.99	5.56
	24			5.80	4.61	6.95	5.22	7.53	5.36	7.88	5.38	8.58	5.71	8.86	5.53
	26			5.80	4.61	6.92	5.21	7.46	5.32	7.79	5.34	8.45	5.64	8.73	5.49
	28	5.25	4.55	5.79	4.61	6.89	5.20	7.38	5.29	7.69	5.30	8.31	5.59	8.59	5.45
	30	5.25	4.55	5.78	4.60	6.83	5.17	7.31	5.26	7.60	5.26	8.19	5.55	8.46	5.40
	32	5.25	4.55	5.77	4.60	6.78	5.15	7.24	5.23	7.51	5.23	8.06	5.50	8.33	5.36
	34	5.25	4.55	5.75	4.59	6.76	5.15	7.15	5.19	7.39	5.18	7.89	5.44	8.16	5.30
	35	5.25	4.55	5.74	4.59	6.75	5.14	7.10	5.17	7.33	5.15	7.80	5.40	8.08	5.26
36	5.25	4.55	5.73	4.58	6.69	5.11	7.06	5.16	7.26	5.12	7.66	5.36	7.92	5.22	
38	5.25	4.55	5.72	4.57	6.59	5.07	6.99	5.12	7.12	5.07	7.38	5.25	7.61	5.11	
39	5.25	4.55	5.71	4.57	6.54	5.04	6.96	5.11	7.05	5.04	7.24	5.20	7.45	5.05	
41	5.25	4.55	5.69	4.56	6.35	4.96	6.67	4.99	6.76	4.92	6.92	5.05	7.10	4.92	
43	5.25	4.55	5.67	4.55	6.15	4.87	6.39	4.86	6.46	4.79	6.60	4.96	6.75	4.83	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 20 (m ³ /min)	-19.8	-20	4.64	4.64	4.64	4.64	
	-17.8	-18	4.94	4.94	4.94	4.94	
	-15.7	-16	5.24	5.24	5.24	5.24	
	-13.7	-14	5.54	5.54	5.54	5.54	
	-11.7	-12	5.83	5.83	5.83	5.83	
	-9.6	-10	6.13	6.13	6.13	6.13	
	-7.5	-8	6.51	6.51	6.51	6.51	
	-5.5	-6	6.88	6.88	6.88	6.88	
	-3.4	-4	7.12	7.11	7.10	7.03	
	-1.3	-2	7.36	7.34	7.32	7.18	
	0.8	0	7.76	7.65	7.54	7.27	
	3.9	3	8.42	8.12	7.82	7.38	
	7.0	6	9.20	8.60	8.00	7.44	
	10.1	9	9.14	8.56	7.97	7.40	
13.2	12	9.08	8.50	7.92	7.34		
16.9	15.5	9.01	8.43	7.85	7.27		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 15 (m ³ /min)	10			4.68	3.63	5.60	4.12	6.06	4.23	6.44	4.29	7.22	4.61	7.49	4.50
	12			4.68	3.63	5.60	4.12	6.06	4.23	6.43	4.28	7.19	4.60	7.46	4.49
	14			4.68	3.63	5.60	4.12	6.06	4.23	6.43	4.28	7.16	4.59	7.43	4.48
	16			4.68	3.63	5.60	4.12	6.06	4.23	6.42	4.28	7.14	4.59	7.40	4.47
	18			4.68	3.63	5.60	4.12	6.06	4.23	6.41	4.27	7.11	4.58	7.36	4.45
	20			4.68	3.63	5.60	4.12	6.06	4.23	6.40	4.27	7.09	4.57	7.33	4.44
	22			4.68	3.63	5.60	4.12	6.06	4.23	6.37	4.25	7.00	4.53	7.23	4.40
	24			4.67	3.62	5.59	4.12	6.06	4.23	6.34	4.24	6.91	4.50	7.13	4.37
	26			4.67	3.62	5.57	4.10	6.00	4.20	6.26	4.21	6.80	4.46	7.02	4.33
	28	4.23	3.58	4.66	3.62	5.54	4.09	5.94	4.16	6.19	4.18	6.69	4.41	6.91	4.29
	30	4.23	3.58	4.65	3.61	5.50	4.08	5.88	4.14	6.12	4.14	6.59	4.38	6.81	4.25
	32	4.23	3.58	4.64	3.61	5.46	4.06	5.83	4.12	6.05	4.11	6.49	4.34	6.71	4.21
	34	4.23	3.58	4.62	3.60	5.44	4.05	5.75	4.09	5.95	4.08	6.35	4.28	6.57	4.15
	35	4.23	3.58	4.62	3.60	5.43	4.04	5.71	4.08	5.90	4.06	6.28	4.26	6.50	4.13
36	4.23	3.58	4.61	3.60	5.39	4.03	5.68	4.06	5.84	4.03	6.17	4.20	6.37	4.09	
38	4.23	3.58	4.60	3.59	5.30	3.99	5.63	4.04	5.73	3.99	5.94	4.12	6.12	4.01	
39	4.23	3.58	4.59	3.59	5.26	3.97	5.60	4.03	5.68	3.97	5.83	4.08	5.99	3.96	
41	4.23	3.58	4.58	3.59	5.11	3.91	5.37	3.93	5.44	3.87	5.57	3.98	5.71	3.87	
43	4.23	3.58	4.56	3.58	4.95	3.83	5.14	3.84	5.20	3.77	5.31	3.89	5.43	3.77	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 15 (m ³ /min)	-19.8	-20	3.60	3.60	3.60	3.60	
	-17.8	-18	3.83	3.83	3.83	3.83	
	-15.7	-16	4.06	4.06	4.06	4.06	
	-13.7	-14	4.29	4.29	4.29	4.29	
	-11.7	-12	4.52	4.52	4.52	4.52	
	-9.6	-10	4.75	4.75	4.75	4.75	
	-7.5	-8	5.04	5.04	5.04	5.04	
	-5.5	-6	5.33	5.33	5.33	5.33	
	-3.4	-4	5.52	5.51	5.50	5.45	
	-1.3	-2	5.70	5.69	5.67	5.57	
	0.8	0	6.01	5.93	5.84	5.64	
	3.9	3	6.53	6.29	6.06	5.72	
	7.0	6	7.13	6.67	6.20	5.77	
	10.1	9	7.08	6.63	6.18	5.73	
13.2	12	7.04	6.59	6.14	5.69		
16.9	15.5	6.98	6.53	6.08	5.64		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 13 (m ³ /min)	10			4.17	3.21	4.99	3.64	5.40	3.74	5.74	3.79	6.43	4.09	6.68	3.98
	12			4.17	3.21	4.99	3.64	5.40	3.74	5.73	3.79	6.41	4.08	6.65	3.97
	14			4.17	3.21	4.99	3.64	5.40	3.74	5.72	3.78	6.38	4.07	6.62	3.96
	16			4.17	3.21	4.99	3.64	5.40	3.74	5.72	3.78	6.36	4.06	6.59	3.95
	18			4.17	3.21	4.99	3.64	5.40	3.74	5.71	3.78	6.34	4.05	6.56	3.94
	20			4.17	3.21	4.99	3.64	5.40	3.74	5.70	3.77	6.31	4.04	6.53	3.92
	22			4.17	3.21	4.99	3.64	5.40	3.74	5.67	3.76	6.23	4.01	6.44	3.89
	24			4.16	3.21	4.98	3.64	5.40	3.74	5.65	3.76	6.15	3.98	6.35	3.86
	26			4.16	3.21	4.96	3.63	5.34	3.71	5.58	3.72	6.06	3.94	6.26	3.81
	28	3.77	3.16	4.15	3.20	4.94	3.62	5.29	3.69	5.52	3.70	5.96	3.90	6.16	3.78
	30	3.77	3.16	4.14	3.20	4.90	3.60	5.24	3.67	5.45	3.67	5.87	3.85	6.07	3.75
	32	3.77	3.16	4.13	3.20	4.86	3.59	5.19	3.65	5.39	3.64	5.78	3.82	5.97	3.72
	34	3.77	3.16	4.12	3.19	4.84	3.58	5.12	3.61	5.30	3.61	5.66	3.79	5.85	3.67
	35	3.77	3.16	4.11	3.19	4.84	3.58	5.09	3.60	5.26	3.59	5.59	3.76	5.79	3.66
36	3.77	3.16	4.11	3.19	4.80	3.56	5.06	3.59	5.21	3.57	5.49	3.72	5.68	3.62	
38	3.77	3.16	4.10	3.18	4.73	3.53	5.01	3.57	5.11	3.53	5.29	3.64	5.45	3.54	
39	3.77	3.16	4.09	3.18	4.69	3.51	4.99	3.56	5.06	3.51	5.19	3.60	5.34	3.50	
41	3.77	3.16	4.08	3.18	4.55	3.44	4.78	3.46	4.84	3.41	4.96	3.52	5.09	3.40	
43	3.77	3.16	4.06	3.16	4.41	3.39	4.58	3.38	4.63	3.33	4.73	3.42	4.84	3.33	

Air flow	Outdoor air temperature	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 13 (m ³ /min)	-19.8	-20	3.16	3.16	3.16	3.16	
	-17.8	-18	3.36	3.36	3.36	3.36	
	-15.7	-16	3.56	3.56	3.56	3.56	
	-13.7	-14	3.77	3.77	3.77	3.77	
	-11.7	-12	3.97	3.97	3.97	3.97	
	-9.6	-10	4.17	4.17	4.17	4.17	
	-7.5	-8	4.43	4.43	4.43	4.43	
	-5.5	-6	4.68	4.68	4.68	4.68	
	-3.4	-4	4.84	4.84	4.83	4.78	
	-1.3	-2	5.01	4.99	4.98	4.89	
	0.8	0	5.28	5.20	5.13	4.95	
	3.9	3	5.73	5.52	5.32	5.02	
	7.0	6	6.26	5.85	5.44	5.06	
	10.1	9	6.22	5.82	5.42	5.03	
13.2	12	6.18	5.78	5.39	4.99		
16.9	15.5	6.13	5.74	5.34	4.95		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature											
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB			

Model **FDE112KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 28 (m ³ /min)	10			9.18	7.09	10.97	8.02	11.87	8.23	12.63	8.37	14.15	9.02	14.69	8.78
	12			9.18	7.09	10.97	8.02	11.87	8.23	12.61	8.36	14.10	9.00	14.63	8.75
	14			9.18	7.09	10.97	8.02	11.87	8.23	12.60	8.34	14.05	8.97	14.56	8.72
	16			9.18	7.09	10.97	8.02	11.87	8.23	12.58	8.33	14.00	8.96	14.50	8.71
	18			9.18	7.09	10.97	8.02	11.87	8.23	12.56	8.33	13.94	8.94	14.44	8.64
	20			9.18	7.09	10.97	8.02	11.87	8.23	12.55	8.32	13.89	8.92	14.37	8.62
	22			9.17	7.08	10.97	8.02	11.87	8.23	12.49	8.30	13.72	8.85	14.18	8.56
	24			9.15	7.07	10.97	8.02	11.87	8.23	12.43	8.28	13.54	8.74	13.98	8.50
	26			9.15	7.07	10.92	8.00	11.76	8.19	12.28	8.21	13.33	8.67	13.77	8.44
	28	8.29	6.97	9.14	7.07	10.86	7.98	11.65	8.15	12.14	8.15	13.11	8.60	13.55	8.36
	30	8.29	6.97	9.12	7.06	10.78	7.94	11.54	8.06	12.00	8.09	12.91	8.52	13.35	8.28
	32	8.29	6.97	9.09	7.05	10.70	7.91	11.42	8.02	11.85	8.00	12.71	8.44	13.15	8.20
	34	8.29	6.97	9.06	7.04	10.66	7.89	11.27	7.96	11.66	7.93	12.45	8.34	12.87	8.11
	35	8.29	6.97	9.05	7.03	10.64	7.88	11.20	7.93	11.57	7.90	12.31	8.29	12.74	8.07
36	8.29	6.97	9.04	7.03	10.56	7.85	11.14	7.91	11.46	7.86	12.09	8.20	12.49	7.98	
38	8.29	6.97	9.02	7.02	10.40	7.77	11.03	7.87	11.24	7.78	11.65	8.03	12.00	7.80	
39	8.29	6.97	9.00	7.01	10.32	7.74	10.98	7.85	11.13	7.73	11.43	7.94	11.75	7.68	
41	8.29	6.97	8.97	7.00	10.01	7.61	10.53	7.66	10.66	7.54	10.92	7.73	11.20	7.52	
43	8.29	6.97	8.94	6.99	9.70	7.47	10.08	7.46	10.19	7.35	10.41	7.57	10.65	7.34	

Heating mode (kW)

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
P-Hi 28 (m ³ /min)	-19.8	-20	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	
	-17.8	-18	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	7.72	
	-15.7	-16	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	8.18	
	-13.7	-14	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	
	-11.7	-12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	9.12	
	-9.6	-10	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	9.58	
	-7.5	-8	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	10.17	
	-5.5	-6	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	
	-3.4	-4	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	11.13	
	-1.3	-2	11.50	11.47	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	
	0.8	0	12.13	11.95	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78	11.78	
	3.9	3	13.16	12.69	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	12.22	
	7.0	6	14.38	13.44	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	
	10.1	9	14.28	13.37	12.45	12.45	12.45	12.45	12.45	12.45	12.45	12.45	12.45	12.45	
13.2	12	14.19	13.28	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38	12.38		
16.9	15.5	14.08	13.17	12.27	12.27	12.27	12.27	12.27	12.27	12.27	12.27	12.27	12.27		

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 25 (m ³ /min)	10			8.43	6.45	10.07	7.31	10.90	7.50	11.59	7.61	12.99	8.21	13.48	7.99
	12			8.43	6.45	10.07	7.31	10.90	7.50	11.58	7.61	12.94	8.20	13.43	7.97
	14			8.43	6.45	10.07	7.31	10.90	7.50	11.56	7.60	12.89	8.18	13.37	7.94
	16			8.43	6.45	10.07	7.31	10.90	7.50	11.55	7.60	12.85	8.15	13.31	7.92
	18			8.43	6.45	10.07	7.31	10.90	7.50	11.53	7.59	12.80	8.14	13.25	7.90
	20			8.43	6.45	10.07	7.31	10.90	7.50	11.52	7.59	12.75	8.12	13.19	7.87
	22			8.41	6.44	10.07	7.31	10.90	7.50	11.46	7.56	12.59	8.05	13.01	7.82
	24			8.40	6.44	10.07	7.31	10.90	7.50	11.41	7.53	12.43	7.98	12.83	7.75
	26			8.40	6.44	10.02	7.29	10.79	7.46	11.27	7.48	12.23	7.90	12.64	7.68
	28	7.61	6.34	8.39	6.43	9.97	7.27	10.69	7.41	11.14	7.42	12.04	7.83	12.44	7.60
	30	7.61	6.34	8.37	6.43	9.89	7.22	10.59	7.37	11.01	7.36	11.85	7.75	12.25	7.53
	32	7.61	6.34	8.35	6.42	9.82	7.20	10.49	7.32	10.88	7.31	11.67	7.68	12.07	7.43
	34	7.61	6.34	8.32	6.40	9.78	7.18	10.35	7.27	10.71	7.24	11.42	7.55	11.82	7.36
	35	7.61	6.34	8.31	6.40	9.77	7.18	10.28	7.23	10.62	7.21	11.30	7.51	11.69	7.32
36	7.61	6.34	8.30	6.40	9.69	7.14	10.23	7.21	10.52	7.16	11.10	7.45	11.47	7.25	
38	7.61	6.34	8.28	6.39	9.55	7.08	10.13	7.17	10.31	7.07	10.69	7.30	11.01	7.09	
39	7.61	6.34	8.27	6.38	9.47	7.05	10.07	7.14	10.21	7.03	10.49	7.22	10.78	7.01	
41	7.61	6.34	8.24	6.37	9.19	6.90	9.66	6.96	9.78	6.83	10.02	7.05	10.28	6.84	
43	7.61	6.34	8.21	6.35	8.90	6.79	9.25	6.78	9.35	6.68	9.56	6.88	9.77	6.66	

Air flow	Outdoor air temperature	Indoor air temperature													
		°CDB		°CWB		16 °CDB		18 °CDB		20 °CDB		22 °CDB		24 °CDB	
		°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB	°CDB	°CWB
Hi 25 (m ³ /min)	-19.8	-20	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	
	-17.8	-18	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	6.97	
	-15.7	-16	7.39	7.39	7.39	7.39	7.39	7.39	7.39	7.39	7.39	7.39	7.39	7.39	
	-13.7	-14	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	7.81	
	-11.7	-12	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	8.23	
	-9.6	-10	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	8.65	
	-7.5	-8	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	
	-5.5	-6	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71	
	-3.4	-4	10.05	10.03	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02
	-1.3	-2	10.38	10.36	10.33	10.33	10.33	10.33	10.33	10.33	10.33	10.33	10.33	10.33	10.33
	0.8	0	10.95	10.79	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64	10.64
	3.9	3	11.88	11.46	11.03	11.03	11.03	11.03	11.03	11.03	11.03	11.03	11.03	11.03	11.03
	7.0	6	12.98	12.13	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29
	10.1	9	12.89	12.07	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24	11.24
13.2	12	12.81	11.99	11.17	11.17	11.17	11.17	11.17	11.17	11.17	11.17	11.17	11.17	11.17	
16.9	15.5	12.71	11.89	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 21 (m ³ /min)	10			7.34	5.56	8.77	6.29	9.49	6.47	10.09	6.57	11.31	7.08	11.74	6.89
	12			7.34	5.56	8.77	6.29	9.49	6.47	10.08	6.56	11.27	7.07	11.69	6.87
	14			7.34	5.56	8.77	6.29	9.49	6.47	10.07	6.56	11.23	7.05	11.64	6.84
	16			7.34	5.56	8.77	6.29	9.49	6.47	10.05	6.55	11.18	7.03	11.59	6.83
	18			7.34	5.56	8.77	6.29	9.49	6.47	10.04	6.54	11.14	7.01	11.54	6.81
	20			7.34	5.56	8.77	6.29	9.49	6.47	10.03	6.54	11.10	7.00	11.49	6.80

Model **FDE140KXZE1** Cooling mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
P-Hi 32 (m/min)	10			11.48	8.74	13.72	9.90	14.84	10.16	15.79	10.32	17.69	11.11	18.36	10.82
	12			11.48	8.74	13.72	9.90	14.84	10.16	15.77	10.31	17.62	11.09	18.28	10.79
	14			11.48	8.74	13.72	9.90	14.84	10.16	15.75	10.31	17.56	11.07	18.20	10.75
	16			11.48	8.74	13.72	9.90	14.84	10.16	15.72	10.28	17.49	11.04	18.13	10.72
	18			11.48	8.74	13.72	9.90	14.84	10.16	15.70	10.27	17.43	11.02	18.05	10.70
	20			11.48	8.74	13.72	9.90	14.84	10.16	15.68	10.26	17.37	11.00	17.97	10.67
	22			11.46	8.73	13.71	9.90	14.84	10.16	15.61	10.24	17.15	10.90	17.72	10.57
	24			11.44	8.72	13.71	9.90	14.84	10.16	15.54	10.21	16.93	10.81	17.48	10.48
	26			11.43	8.72	13.64	9.85	14.70	10.10	15.35	10.12	16.66	10.71	17.21	10.39
	28	10.36	8.58	11.42	8.72	13.58	9.83	14.56	10.03	15.17	10.05	16.39	10.60	16.94	10.29
	30	10.36	8.58	11.40	8.71	13.48	9.79	14.42	9.97	14.99	9.97	16.14	10.49	16.69	10.19
	32	10.36	8.58	11.37	8.68	13.37	9.74	14.28	9.90	14.82	9.90	15.89	10.39	16.43	10.10
	34	10.36	8.58	11.33	8.66	13.32	9.72	14.09	9.83	14.58	9.79	15.56	10.27	16.09	9.98
	35	10.36	8.58	11.31	8.65	13.30	9.71	14.00	9.79	14.46	9.75	15.39	10.19	15.92	9.90
36	10.36	8.58	11.30	8.65	13.20	9.66	13.93	9.75	14.32	9.69	15.11	10.08	15.61	9.81	
38	10.36	8.58	11.27	8.64	13.00	9.55	13.79	9.69	14.05	9.58	14.56	9.84	15.00	9.66	
39	10.36	8.58	11.26	8.63	12.90	9.51	13.72	9.67	13.91	9.52	14.28	9.74	14.69	9.47	
41	10.36	8.58	11.22	8.61	12.51	9.35	13.16	9.40	13.32	9.25	13.65	9.53	14.00	9.24	
43	10.36	8.58	11.18	8.60	12.13	9.19	12.60	9.18	12.74	9.04	13.02	9.30	13.31	9.00	

Heating mode (kW)

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
P-Hi 32 (m/min)	-19.8	-20	9.28	9.28	9.28	9.28	9.28
	-17.8	-18	9.88	9.88	9.88	9.88	9.88
	-15.7	-16	10.47	10.47	10.47	10.47	10.47
	-13.7	-14	11.07	11.07	11.07	11.07	11.07
	-11.7	-12	11.67	11.67	11.67	11.67	11.67
	-9.6	-10	12.27	12.27	12.27	12.27	12.27
	-7.5	-8	13.01	13.01	13.01	13.01	13.01
	-5.5	-6	13.76	13.76	13.76	13.76	13.76
	-3.4	-4	14.24	14.24	14.20	14.06	13.92
	-1.3	-2	14.72	14.68	14.64	14.36	14.08
	0.8	0	15.52	15.30	15.08	14.54	14.00
	3.9	3	16.84	16.24	15.64	14.76	13.88
	7.0	6	18.40	17.20	16.00	14.88	13.76
	10.1	9	19.28	17.11	15.94	14.79	13.64
13.2	12	18.16	17.00	15.84	14.68	13.52	
16.9	15.5	18.02	16.86	15.70	14.58	13.38	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Hi 26 (m/min)	10			9.86	7.37	11.78	8.35	12.75	8.59	13.56	8.73	15.19	9.41	15.77	9.14
	12			9.86	7.37	11.78	8.35	12.75	8.59	13.54	8.72	15.14	9.39	15.70	9.11
	14			9.86	7.37	11.78	8.35	12.75	8.59	13.52	8.71	15.08	9.37	15.64	9.09
	16			9.86	7.37	11.78	8.35	12.75	8.59	13.51	8.71	15.03	9.35	15.57	9.07
	18			9.86	7.37	11.78	8.35	12.75	8.59	13.49	8.70	14.97	9.31	15.50	9.03
	20			9.86	7.37	11.78	8.35	12.75	8.59	13.47	8.69	14.92	9.29	15.43	9.01
	22			9.84	7.37	11.78	8.35	12.75	8.59	13.41	8.67	14.73	9.21	15.22	8.93
	24			9.83	7.36	11.77	8.34	12.75	8.59	13.34	8.63	14.54	9.14	15.01	8.85
	26			9.82	7.36	11.72	8.32	12.63	8.54	13.19	8.57	14.31	9.04	14.78	8.76
	28	8.90	7.24	9.81	7.35	11.66	8.30	12.51	8.48	13.03	8.49	14.08	8.94	14.55	8.67
	30	8.90	7.24	9.79	7.34	11.57	8.26	12.39	8.43	12.88	8.43	13.87	8.85	14.33	8.59
	32	8.90	7.24	9.76	7.33	11.48	8.22	12.27	8.35	12.73	8.36	13.65	8.78	14.11	8.52
	34	8.90	7.24	9.73	7.32	11.44	8.21	12.11	8.29	12.52	8.26	13.36	8.66	13.82	8.38
	35	8.90	7.24	9.72	7.31	11.42	8.20	12.03	8.25	12.42	8.22	13.22	8.57	13.68	8.33
36	8.90	7.24	9.70	7.29	11.34	8.15	11.96	8.23	12.30	8.17	12.98	8.48	13.41	8.25	
38	8.90	7.24	9.68	7.28	11.17	8.08	11.84	8.18	12.07	8.08	12.51	8.32	12.88	8.06	
39	8.90	7.24	9.67	7.28	11.08	8.04	11.78	8.16	11.95	8.03	12.27	8.22	12.62	7.98	
41	8.90	7.24	9.63	7.26	10.75	7.89	11.30	7.95	11.44	7.81	11.72	8.01	12.02	7.76	
43	8.90	7.24	9.60	7.25	10.42	7.75	10.82	7.74	10.94	7.61	11.18	7.81	11.43	7.56	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Hi 26 (m/min)	-19.8	-20	7.71	7.71	7.71	7.71	7.71
	-17.8	-18	8.21	8.21	8.21	8.21	8.21
	-15.7	-16	8.71	8.71	8.71	8.71	8.71
	-13.7	-14	9.20	9.20	9.20	9.20	9.20
	-11.7	-12	9.70	9.70	9.70	9.70	9.70
	-9.6	-10	10.20	10.20	10.20	10.20	10.20
	-7.5	-8	10.82	10.82	10.82	10.82	10.82
	-5.5	-6	11.44	11.44	11.44	11.44	11.44
	-3.4	-4	11.84	11.82	11.80	11.69	11.57
	-1.3	-2	12.24	12.20	12.17	11.94	11.70
	0.8	0	12.90	12.72	12.54	12.09	11.64
	3.9	3	14.00	13.50	13.00	12.27	11.54
	7.0	6	15.30	14.30	13.30	12.37	11.44
	10.1	9	15.20	14.22	13.25	12.29	11.34
13.2	12	15.10	14.13	13.17	12.20	11.24	
16.9	15.5	14.98	14.02	13.05	12.09	11.12	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature													
		21 °CDB 14 °CWB		23 °CDB 16 °CWB		26 °CDB 18 °CWB		27 °CDB 19 °CWB		28 °CDB 20 °CWB		31 °CDB 22 °CWB		33 °CDB 24 °CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
Me 23 (m/min)	10			8.96	6.65	10.71	7.54	11.59	7.75	12.33	7.89	13.81	8.49	14.34	8.22
	12			8.96	6.65	10.71	7.54	11.59	7.75	12.31	7.87	13.76	8.47	14.28	8.20
	14			8.96	6.65	10.71	7.54	11.59	7.75	12.30	7.86	13.71	8.45	14.22	8.18
	16			8.96	6.65	10.71	7.54	11.59	7.75	12.28	7.85	13.66	8.44	14.16	8.16
	18			8.96	6.65	10.71	7.54	11.59	7.75	12.26	7.85	13.61	8.40	14.09	8.14
	20			8.96	6.65	10.71	7.54	11.59	7.75	12.25	7.84	13.56	8.36	14.03	8.12
	22			8.95	6.64	10.71	7.54	11.59	7.75	12.19	7.82	13.39	8.30	13.84	8.05
	24			8.94	6.64	10.71	7.54	11.59	7.75	12.13	7.80	13.22	8.24	13.65	7.97
	26			8.93	6.63	10.66	7.52	11.48	7.70	11.99	7.73	13.01	8.16	13.44	7.90
	28	8.09	6.52	8.92	6.63	10.61	7.49	11.37	7.65	11.85	7.67	12.80	8.07	13.23	7.82
	30	8.09	6.52	8.90	6.62	10.52	7.46	11.26	7.60	11.71	7.60	12.61	7.99	13.03	7.74
	32	8.09	6.52	8.88	6.60	10.44	7.41	11.15	7.55	11.57	7.55	12.41	7.90	12.83	7.68
	34	8.09	6.52	8.85	6.59	10.41	7.40	11.01	7.48	11.39	7.47	12.15	7.80	12.57	7.58
	35	8.09	6.52	8.83	6.58	10.39	7.39	10.93	7.45	11.30	7.43	12.02	7.75	12.44	7.52
36	8.09	6.52	8.82	6.58	10.31	7.36	10.88	7.43	11.19	7.38	11.80	7.66	12.19	7.43	
38	8.09	6.52	8.80	6.57	10.15	7.28	10.77	7.38	10.97	7.28	11.37	7.49	11.71	7.26	
39	8.09	6.52	8.79	6.56	10.07	7.24	10.72	7.35	10.86	7.24	11.16	7.40	11.47	7.15	
41	8.09	6.52	8.76	6.55	9.77	7.10	10.28	7.14	10.41	7.03	10.66	7.19	10.93	6.97	
43	8.09	6.52	8.73	6.54	9.47	6.97	9.84	6.97	9.95	6.85	10.16	7.02	10.39	6.79	

Air flow	Outdoor air temperature (°CDB)	Indoor air temperature					
		°CDB		°CWB		°CDB	
		16	18	20	22	24	24
Me 23 (m/min)	-19.8	-20	6.90	6.90	6.90	6.90	6.90
	-17.8	-18	7.34	7.34	7.34	7.34	7.34
	-15.7	-16	7.79	7.79	7.79	7.79	7.79
	-13.7	-14	8.23	8.23	8.23	8.23	8.23
	-11.7	-12	8.67	8.67	8.67	8.6	

(10) Outdoor air processing unit (FDU-F)

Model **FDU650FKXZE1** Cooling mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	15°CWB		20°CWB		25°CWB		28°CWB		30°CWB		32°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
11	20°CDB	2.70	2.70										
	25°CDB	2.70	2.70	3.91	2.32								
	30°CDB	3.67	3.67	3.90	3.38	6.94	2.96	9.07	2.67				
	35°CDB	4.59	4.59	4.60	4.60	6.83	3.97	8.94	3.68	10.48	3.47	12.13	3.24
	40°CDB	5.49	5.49	5.50	5.50	6.75	4.97	8.81	4.67	10.34	4.45	11.97	4.22
13	20°CDB	2.88	2.88										
	25°CDB	2.88	2.88	4.15	2.48								
	30°CDB	3.92	3.92	4.13	3.61	7.35	3.13	9.61	2.81				
	35°CDB	4.92	4.92	4.92	4.92	7.24	4.23	9.48	3.90	11.11	3.67	12.80	3.41
	40°CDB	5.88	5.88	5.89	5.89	7.16	5.29	9.34	4.97	10.96	4.72	12.69	4.47
15	20°CDB	3.10	3.10										
	25°CDB	3.10	3.10	4.40	2.65								
	30°CDB	4.20	4.20	4.39	3.87	7.80	3.34	10.16	2.99				
	35°CDB	5.26	5.26	5.27	5.27	7.68	4.52	10.01	4.16	11.74	3.90	13.59	3.61
	40°CDB	6.29	6.29	6.30	6.30	7.60	5.69	9.92	5.30	11.58	5.03	13.41	4.75

Heating mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	-10°CWB	-5°CWB	0°CWB	4°CWB	8°CWB	12°CWB
11	-10°CDB	8.10					
	-5°CDB	7.30	7.30				
	0°CDB	6.49	6.50	6.50			
	4°CDB	5.50	5.50	5.51	5.51		
	8°CDB	4.53	4.53	4.53	4.54	4.54	
	12°CDB	3.58	3.58	3.58	3.59	3.59	3.59
	16°CDB	2.50	2.50	2.50	2.50	2.50	2.50
	20°CDB	1.54	1.54	1.54	1.54	1.54	1.54
13	-10°CDB	8.62					
	-5°CDB	7.77	7.77				
	0°CDB	6.91	6.91	6.92			
	4°CDB	5.85	5.85	5.86	5.86		
	8°CDB	4.82	4.82	4.82	4.83	4.83	
	12°CDB	3.81	3.81	3.81	3.82	3.82	3.82
	16°CDB	2.66	2.66	2.66	2.66	2.66	2.66
	20°CDB	1.70	1.71	1.71	1.71	1.71	1.71
15	-10°CDB	9.10					
	-5°CDB	8.21	8.21				
	0°CDB	7.30	7.30	7.31			
	4°CDB	6.18	6.18	6.19	6.19		
	8°CDB	5.09	5.09	5.10	5.10	5.10	
	12°CDB	4.02	4.03	4.03	3.06	4.03	4.04
	16°CDB	2.81	2.81	2.81	2.81	2.81	2.81
	20°CDB	1.83	1.82	1.83	1.83	1.83	1.83

- Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
- (2) Symbols are as follows
 TC :Total cooling capacity (kW)
 SHC :Sensible heat capacity (kW)
- (3) When outdoor air temperature is -5°CDB--10°CDB in heating, the supply air temperature become 10°C or lower for 5--10minutes after the defrost operation.

PJG000Z312

Model **FDU1100FKXZE1** Cooling mode

(kW)

Air flow (m ³ /min)	Outdoor air temperature	15°CWB		20°CWB		25°CWB		28°CWB		30°CWB		32°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
18	20°CDB	3.84	3.84										
	25°CDB	3.84	3.84	5.31	3.13								
	30°CDB	4.95	4.95	5.30	4.97	10.16	3.73	13.63	2.87				
	35°CDB	6.85	6.85	6.86	6.86	10.00	5.53	13.42	4.67	15.92	4.04	18.62	3.36
	40°CDB	8.27	8.27	8.28	8.28	9.90	7.30	13.20	6.42	15.65	5.79	18.30	5.10
20.5	20°CDB	3.94	3.94										
	25°CDB	3.94	3.94	5.42	3.21								
	30°CDB	5.07	5.07	5.41	5.10	10.37	3.82	13.90	2.93				
	35°CDB	7.02	7.02	7.03	7.03	10.20	5.67	13.68	4.78	16.24	4.12	18.99	3.43
	40°CDB	8.48	8.48	8.49	8.49	10.10	7.48	13.46	6.58	15.97	5.93	18.67	5.21
23	20°CDB	4.15	4.15										
	25°CDB	4.15	4.15	5.71	3.38								
	30°CDB	5.37	5.37	5.70	5.40	10.93	4.03	14.58	3.07				
	35°CDB	7.43	7.43	7.44	7.44	10.75	5.97	14.42	5.04	17.03	4.34	19.92	3.60
	40°CDB	8.97	8.97	8.99	8.99	10.64	7.92	14.12	6.93	16.75	6.25	19.58	5.49

Heating mode

(kW)

Air flow (m ³ /min)	Outdoor air temperature	-10°CWB	-5°CWB	0°CWB	4°CWB	8°CWB	12°CWB
18	-10°CDB	12.90					
	-5°CDB	11.70	11.70				
	0°CDB	10.49	10.49	10.50			
	4°CDB	8.88	8.89	8.89	8.90		
	8°CDB	7.31	7.32	7.32	7.32	7.33	
	12°CDB	5.60	5.60	5.60	5.60	5.60	5.60
	16°CDB	3.70	3.70	3.70	3.70	3.70	3.70
20.5	20°CDB	2.56	2.56	2.55	2.55	2.55	2.55
	-10°CDB	13.57					
	-5°CDB	12.31	12.31				
	0°CDB	11.03	11.04	11.05			
	4°CDB	9.34	9.35	9.35	9.36		
	8°CDB	7.69	7.70	7.70	7.71	7.71	
	12°CDB	5.89	5.89	5.89	5.89	5.89	5.89
23	16°CDB	3.89	3.89	3.89	3.89	3.89	3.89
	20°CDB	2.67	2.67	2.67	2.67	2.66	2.66
	-10°CDB	14.19					
	-5°CDB	12.87	12.87				
	0°CDB	11.54	11.54	11.55			
	4°CDB	9.77	9.77	9.78	9.79		
	8°CDB	8.04	8.05	8.05	8.06	8.06	
12°CDB	6.16	6.16	6.16	6.16	6.16	6.16	
16°CDB	4.07	4.07	4.07	4.07	4.07	4.07	
20°CDB	2.77	2.77	2.77	2.77	2.77	2.77	

Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)

(2) Symbols are as follows

TC :Total cooling capacity (kW)

SHC :Sensible heat capacity (kW)

(3) At heating operation outdoor temperature -5°CDB--10°CDB,a wind of 10°C or lower in temperature is blown out for 5—10minutes when starting a outdoor air processing unit after ending a defrost operation.

PJG000Z312

Model **FDU1800FKXZE1** Cooling mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	15°CWB		20°CWB		25°CWB		28°CWB		30°CWB		32°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
30	20°CDB	6.39	6.39										
	25°CDB	6.39	6.39	9.04	5.41								
	30°CDB	8.84	8.84	8.98	8.29	16.72	6.65	22.00	5.49				
	35°CDB	11.19	11.19	11.21	11.21	16.46	9.44	21.69	8.28	25.44	7.42	29.42	6.48
	40°CDB	13.36	13.36	13.38	13.38	16.00	12.11	20.99	10.90	24.56	10.01	28.35	9.05
33	20°CDB	6.68	6.68										
	25°CDB	6.68	6.68	9.41	5.66								
	30°CDB	9.24	9.24	9.34	8.66	17.39	6.92	22.88	5.68				
	35°CDB	11.70	11.70	11.71	11.71	17.12	9.87	22.56	8.61	26.33	7.72	30.44	6.71
	40°CDB	13.97	13.97	13.98	13.98	16.64	12.65	21.72	11.39	25.42	10.41	29.34	9.41
36	20°CDB	7.00	7.00										
	25°CDB	7.00	7.00	9.77	5.90								
	30°CDB	9.68	9.68	9.70	9.08	17.98	7.22	23.65	5.87				
	35°CDB	12.26	12.26	12.27	12.27	17.69	10.29	23.32	8.94	27.22	7.97	31.47	6.93
	40°CDB	14.57	14.57	14.59	14.59	17.20	13.20	22.45	11.82	26.28	10.81	30.19	9.72

Heating mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	-10°CWB	-5°CWB	0°CWB	4°CWB	8°CWB	12°CWB
30	-10°CDB	19.90					
	-5°CDB	17.74	17.75				
	0°CDB	15.98	15.99	16.00			
	4°CDB	13.53	13.54	13.55	13.56		
	8°CDB	11.15	11.16	11.16	11.17	11.18	
	12°CDB	8.52	8.53	8.53	8.54	8.54	8.55
	16°CDB	6.14	6.15	6.15	6.16	6.16	6.17
	20°CDB	4.06	4.06	4.07	4.07	4.07	4.07
33	-10°CDB	20.70					
	-5°CDB	18.45	18.46				
	0°CDB	16.62	16.63	16.64			
	4°CDB	14.07	14.08	14.09	14.10		
	8°CDB	11.59	11.60	11.61	11.62	11.62	
	12°CDB	8.86	8.87	8.87	8.88	8.88	8.89
	16°CDB	6.41	6.42	6.42	6.43	6.44	6.44
	20°CDB	4.21	4.21	4.21	4.21	4.22	4.22
36	-10°CDB	21.42					
	-5°CDB	19.09	19.10				
	0°CDB	17.19	17.21	17.22			
	4°CDB	14.56	14.57	14.58	14.59		
	8°CDB	12.00	12.00	12.01	12.02	12.03	
	12°CDB	9.17	9.18	9.18	9.19	9.19	9.20
	16°CDB	6.66	6.66	6.67	6.68	6.68	6.69
	20°CDB	4.35	4.36	4.36	4.36	4.36	4.37

- Notes(1) These data show average statuses out of those possible to occur in the system control.
(Depending on controls, there may be ranges where the operation is not conducted continuously.)
- (2) Symbols are as follows
TC :Total cooling capacity (kW)
SHC :Sensible heat capacity (kW)
- (3) At heating operation outdoor temperature -5°CDB—-10°CDB,a wind of 10°C or lower in temperature is blown out for 5—10minutes when starting a outdoor air processing unit after ending a defrost operation.

PJG000Z312

Model **FDU2400FKXZE1** Cooling mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	15°CWB		20°CWB		25°CWB		28°CWB		30°CWB		32°CWB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
40	20°CDB	8.49	8.49										
	25°CDB	8.49	8.49	11.57	7.11								
	30°CDB	11.00	11.00	11.62	11.12	21.12	8.58	27.58	6.85				
	35°CDB	14.83	14.83	14.85	14.85	20.81	12.36	27.22	10.64	31.75	9.37	36.52	8.00
	40°CDB	17.64	17.64	17.66	17.66	20.09	15.94	26.14	14.16	30.41	12.85	34.90	11.46
43.5	20°CDB	8.83	8.83										
	25°CDB	8.83	8.83	11.98	7.40								
	30°CDB	11.44	11.44	12.09	11.62	21.76	8.88	28.41	7.06				
	35°CDB	15.43	15.43	15.45	15.45	21.44	12.85	28.03	11.02	32.70	9.65	37.62	8.24
	40°CDB	18.34	18.34	18.36	18.36	20.70	16.58	26.92	14.65	31.17	13.30	35.77	11.80
47	20°CDB	9.17	9.17										
	25°CDB	9.17	9.17	12.32	7.65								
	30°CDB	11.88	11.88	12.55	12.12	22.39	9.18	29.10	7.23				
	35°CDB	16.02	16.02	16.04	16.04	22.06	13.28	28.71	11.39	33.50	9.94	38.53	8.44
	40°CDB	18.96	18.96	18.98	18.98	21.30	17.13	27.57	15.22	32.08	13.75	36.64	12.20

Heating mode (kW)

Air flow (m ³ /min)	Outdoor air temperature	-10°CWB	-5°CWB	0°CWB	4°CWB	8°CWB	12°CWB
40	-10°CDB	26.26					
	-5°CDB	23.70	23.71				
	0°CDB	21.48	21.49	21.50			
	4°CDB	18.19	18.20	18.21	18.22		
	8°CDB	14.99	15.00	15.01	15.02	15.02	
	12°CDB	11.55	11.56	11.57	11.58	11.59	11.59
	16°CDB	7.79	7.80	7.81	7.81	7.82	7.82
	20°CDB	5.33	5.33	5.33	5.34	5.34	5.34
43.5	-10°CDB	27.10					
	-5°CDB	24.46	24.47				
	0°CDB	22.17	22.18	22.19			
	4°CDB	18.77	18.79	18.80	18.81		
	8°CDB	15.47	15.48	15.49	15.50	15.51	
	12°CDB	11.92	11.93	11.94	11.95	11.96	11.97
	16°CDB	8.04	8.05	8.06	8.06	8.07	8.07
	20°CDB	5.50	5.50	5.51	5.51	5.51	5.52
47	-10°CDB	27.94					
	-5°CDB	25.22	25.23				
	0°CDB	22.85	22.87	22.88			
	4°CDB	19.36	19.37	19.38	19.39		
	8°CDB	15.95	15.96	15.97	15.98	15.99	
	12°CDB	12.29	12.30	12.31	12.32	12.33	12.34
	16°CDB	8.32	8.30	8.31	8.31	8.32	8.32
	20°CDB	5.77	5.78	5.78	5.79	5.79	5.79


- Notes(1) These data show average statuses out of those possible to occur in the system control.
 (Depending on controls, there may be ranges where the operation is not conducted continuously.)
- (2) Symbols are as follows
 TC :Total cooling capacity (kW)
 SHC :Sensible heat capacity (kW)
- (3) At heating operation outdoor temperature -5°CDB—-10°CDB, a wind of 10°C or lower in temperature is blown out for 5—10minutes when starting a outdoor air processing unit after ending a defrost operation.

PJG000Z312



6. OPTION PARTS

6.1 Motion sensor kit

(1) FDT series (LB-T-5W-E)



PJF012D036 

WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB. Loose connection or hold will cause abnormal heat generation or fire. 
- Make sure the power source is turned off when electric wiring work. Otherwise, electric shock, malfunction and improper running may occur. 

CAUTION

- Do not install the motion sensor kit at the following places in order to avoid malfunction.

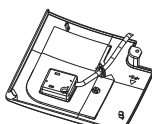
<ul style="list-style-type: none"> (1) Places exposed to direct sunlight (2) Places near heat devices (3) High humidity places (4) Hot surface or cold surface enough to generate condensation (5) Places exposed to oil mist or steam directly (6) Places affected by the direct air flow of the Indoor unit. 	<ul style="list-style-type: none"> (7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight (8) Places where the motion sensor is affected by infrared rays of any other communication devices (9) Places where some object may obstruct the motion sensor
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
- Do not leave the motion sensor without the cover. In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust. 


Attention

- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

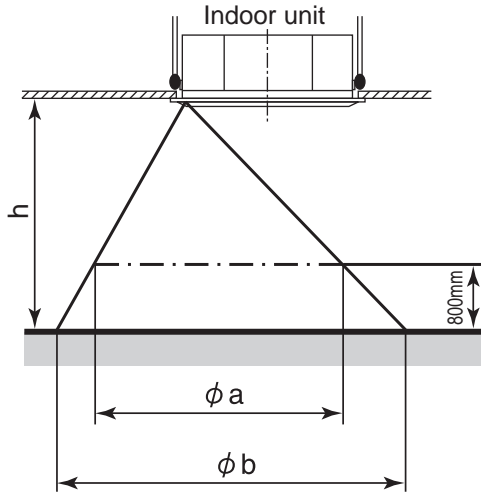
Please make sure that you have the motion sensor.

Motion sensor		1
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② Installing the motion sensor

It is possible to install the motion sensor by replacing with a corner lid on the panel.

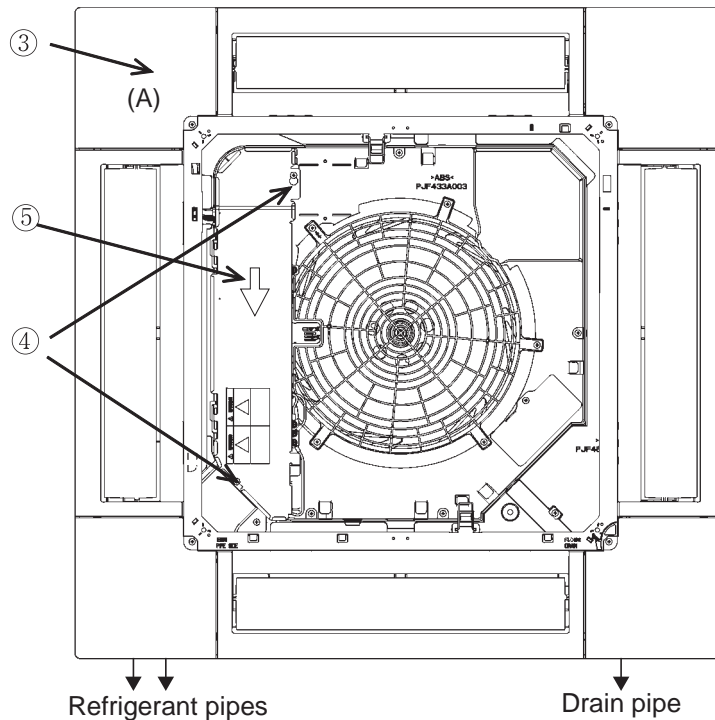
Aim of the detectable scope



Hight of the ceiling	h [m]	2.7	3.5	4.0
Detectable scope①	ϕa [m]	about 4.5	about 6.4	about 7.6
Detectable scope②	ϕb [m]	about 6.4	about 8.3	about 9.5

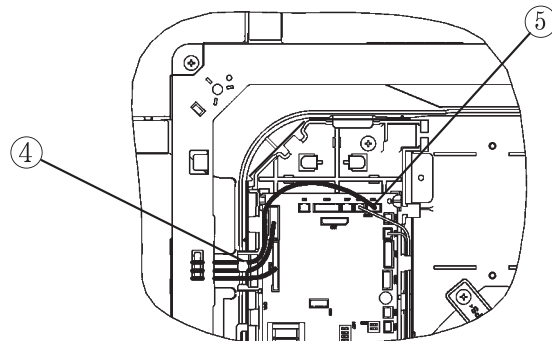
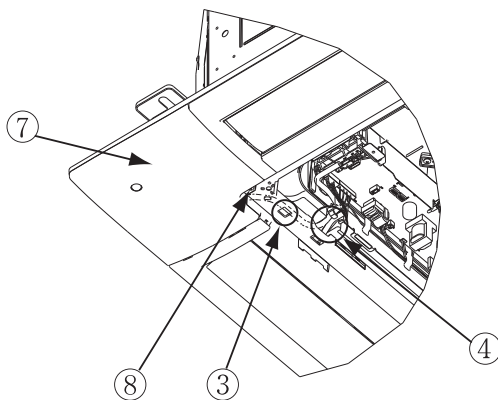
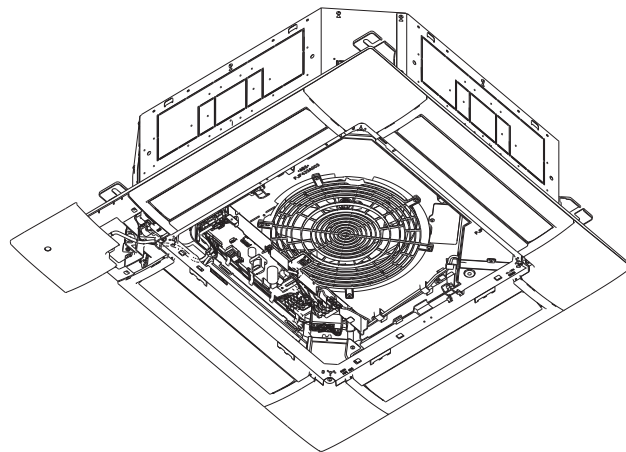
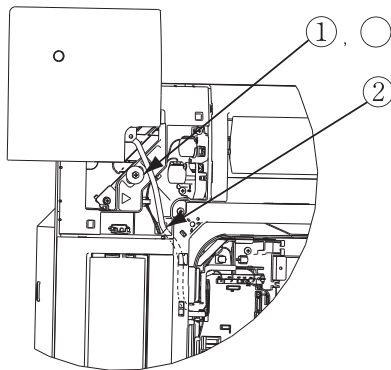
Preparation before installation

- ① Install the panel onto the indoor unit according to the installation manual for the panel.
- ② Remove the inlet grille.
- ③ Remove the corner lid (A) located on the panel.
- ④ Loosen 2 screws for the control lid. (It is unnecessary to remove the screws.)
- ⑤ Slide the control lid, and open and remove it.



Installation of the motion sensor

- ① Loosen the bolts which fix the panel, and make a gap between the panel and the indoor unit.
- ② Pass the wiring of the motion sensor through the opening of the panel.
- ③ Hang the wiring on the hook which is on the panel's inside.
- ④ Pass the wiring through the opening of the control box.
- ⑤ Connect the connector to CNL(3P,Black) on PCB in the control box.
- ⑥ Tighten the bolts which fix the panel.
- ⑦ Install the motion sensor on the panel.
- ⑧ Fix the motion sensor by the screw.
- ⑨ Reinstall the control lid, and tighten 2 screws.



③ Setting the motion sensor

The motion sensor will not function if it is only installed.

Set the function of the motion sensor by the wired or wireless remote control.

Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.

Wired: RC-EX1A, RC-E5, RCH-E3

Wireless: RCN-E1R

(2) FDTC series (LB-TC-5W-E)

PJF012D504

⚠ WARNING

- Connect the wiring to the PCB in the control box on the indoor unit and fix the wiring securely so as not to apply unexpected stress on the PCB. Loose connection or fixing will cause abnormal heat generation or fire. ⚠
- Make sure the power source is turned off during electrical wiring work. Otherwise, electric shock, malfunction and abnormal operation may occur. ⚠

⚠ CAUTION

- Do not install the motion sensor kit at the following places in order to avoid malfunction.

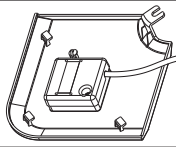
<ul style="list-style-type: none"> (1) Places exposed to direct sunlight (2) Places near heat-generating devices (3) High humidity places (4) Hot surface or cold surface enough to generate condensation (5) Places directly exposed to oil mist or steam (6) Places affected by the direct air flow of the indoor unit (7) Places where the motion sensor may be influenced by fluorescent lamp or sunlight 	<ul style="list-style-type: none"> (8) Places where the motion sensor may be affected by infrared rays of any other communication devices (9) Places where some object may obstruct the motion sensor (10) Places where there may be impact on the motion sensor (11) Places with strong radio wave or static electricity (12) Dusty place where the motion sensor lens may become tainted or be damaged
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
- Do not leave the motion sensor without the cover. In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust. ⊘

Attention

- Instruct the customer how to operate the motion sensor kit correctly by referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

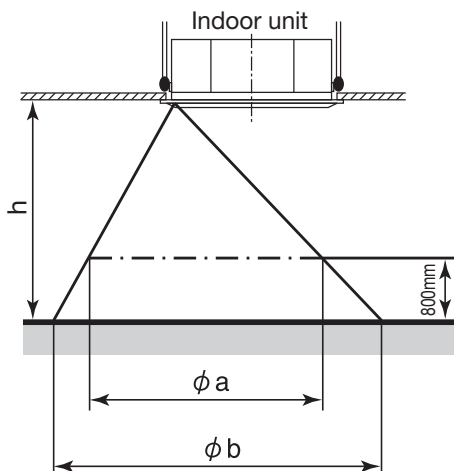
Please make sure that all components are in the package.

Motion sensor		1
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② Installing the motion sensor

It is possible to install the motion sensor by replacing the corner lid on the panel.

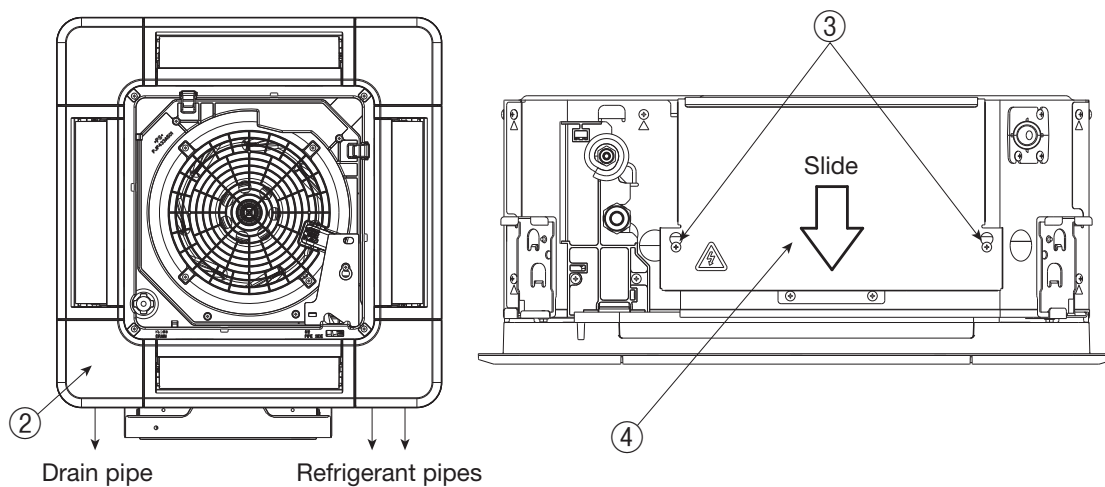
The detectable area



Height of the ceiling	h[m]	2.7	3.5	4.0
Detectable area①	ϕa [m]	about 4.5	about 6.4	about 7.6
Detectable area②	ϕb [m]	about 6.4	about 8.3	about 9.5

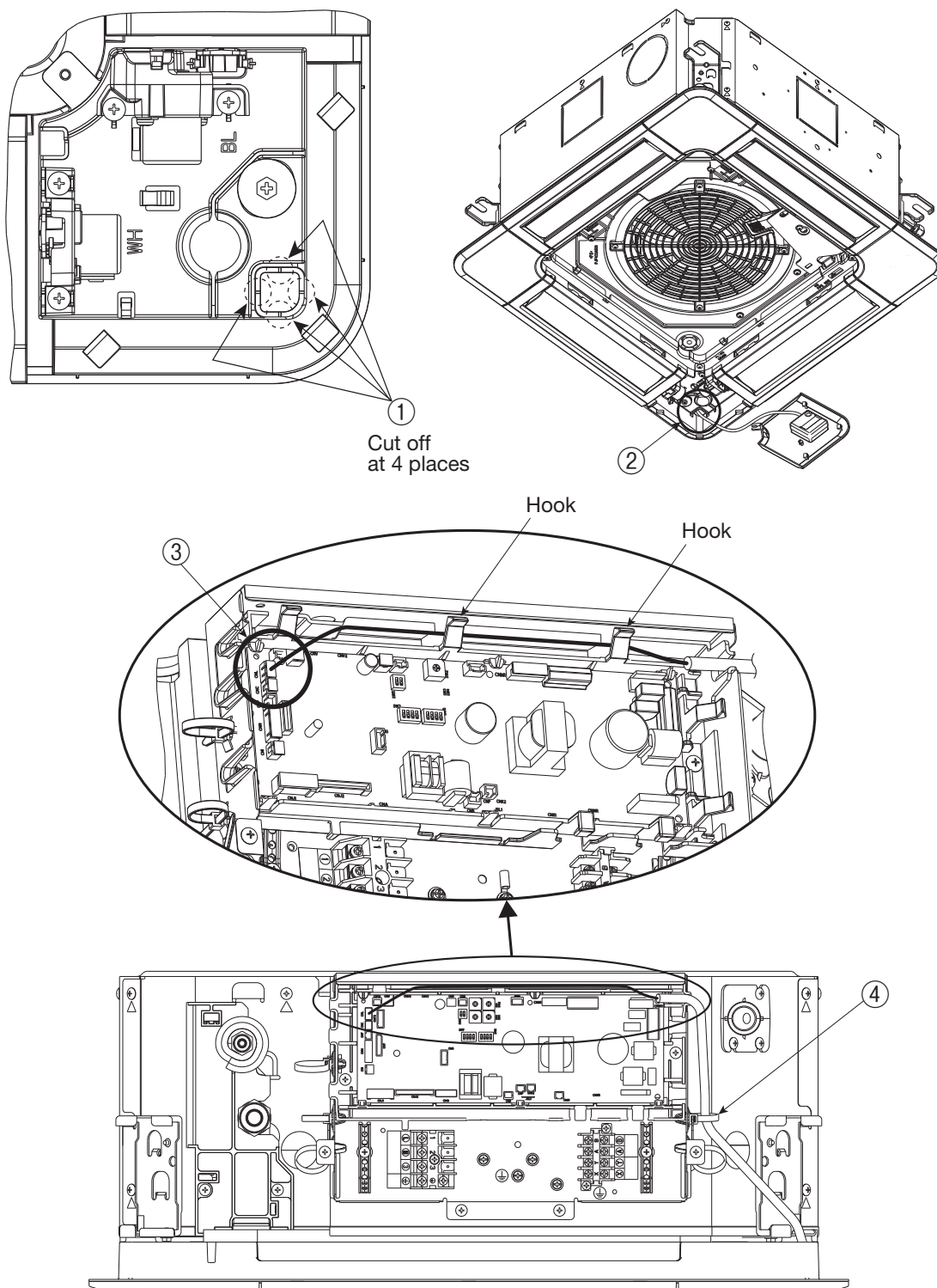
Preparation before installation

- ① Remove the inlet grille according to the installation manual of the panel.
- ② Remove the corner lid at the drain pipe side.
- ③ Loosen screws (2 pcs) on the control box of the unit. (It is not necessary to remove the screws.)
- ④ Slide the control lid in the arrow direction, and remove it.



Installation of the motion sensor

- ① Cut the half blanking (4 sections) of the panel as shown in the following figure.
- ② Pass the motion sensor wiring through the opening of the panel.
- ③ Connect the wiring connector to CNL (3P, black) on the PCB in the control box.
- ④ Fix the wiring with a band as shown below.
- ⑤ Install the motion sensor on the panel according to the installation manual of the panel.
- ⑥ Install the control lid with care not to pinch the wiring, and reinstall the control lid with screws (2 pcs.).



③ Setting the motion sensor


The motion sensor will not function if it is only installed.
Set the function of the motion sensor by the wired or wireless remote control.
Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older ones.



Wired: RC-EX1A, RC-E5, RCH-E3

Wireless: RCN-E1R

(3) FDTW series (LB-TW-6W)


PJB012D311 

 **WARNING**

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB.
Loose connection or hold will cause abnormal heat generation or fire. 
- Make sure the power supply is turned off when electric wiring work.
Otherwise, electric shock, malfunction and improper running may occur. 

 **CAUTION**

- DO NOT install the motion sensor kit at the following places in order to avoid malfunction.






<ul style="list-style-type: none"> (1) Places exposed to direct sunlight (2) Places near heat devices (3) High humidity places (4) Hot surface or cold surface enough to generate condensation (5) Places exposed to oil mist or steam directly (6) Places affected by the direct airflow of the Indoor unit. (7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight. 	<ul style="list-style-type: none"> (8) Places where the motion sensor is affected by infrared rays of any other communication devices. (9) Places where some object may obstruct the motion sensor (10) Place that the motion sensor have a shock (11) Place with the strong radio wave or Static electricity (12) Place that motion sensor lens become tainted or have damaged. Dusty place.
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
- DO NOT leave the motion sensor without the cover.
In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust. 

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air conditioner itself, refer to the installation manual enclosed in the package.

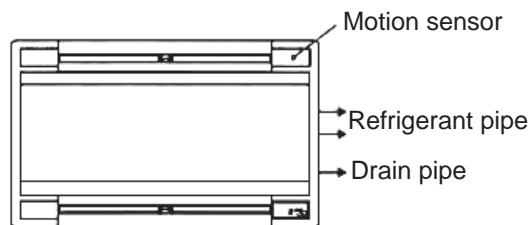
① Accessories

Please make sure that all components are in the package.

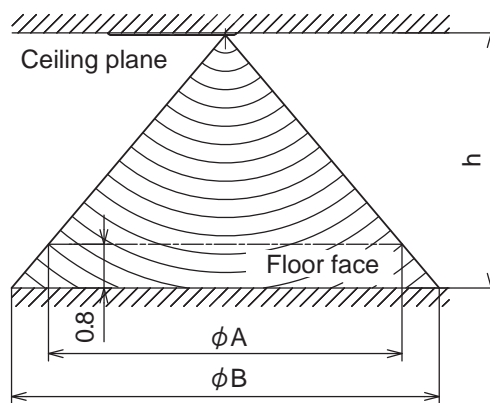
Motion sensor	Grommet	Wiring clamp	Screw	Manual
				

② Installing the motion sensor

- It is possible to install the motion sensor by replacing with a corner lid on the panel.
- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Sensor may not detect small children or infants with little motion.



The detectable area

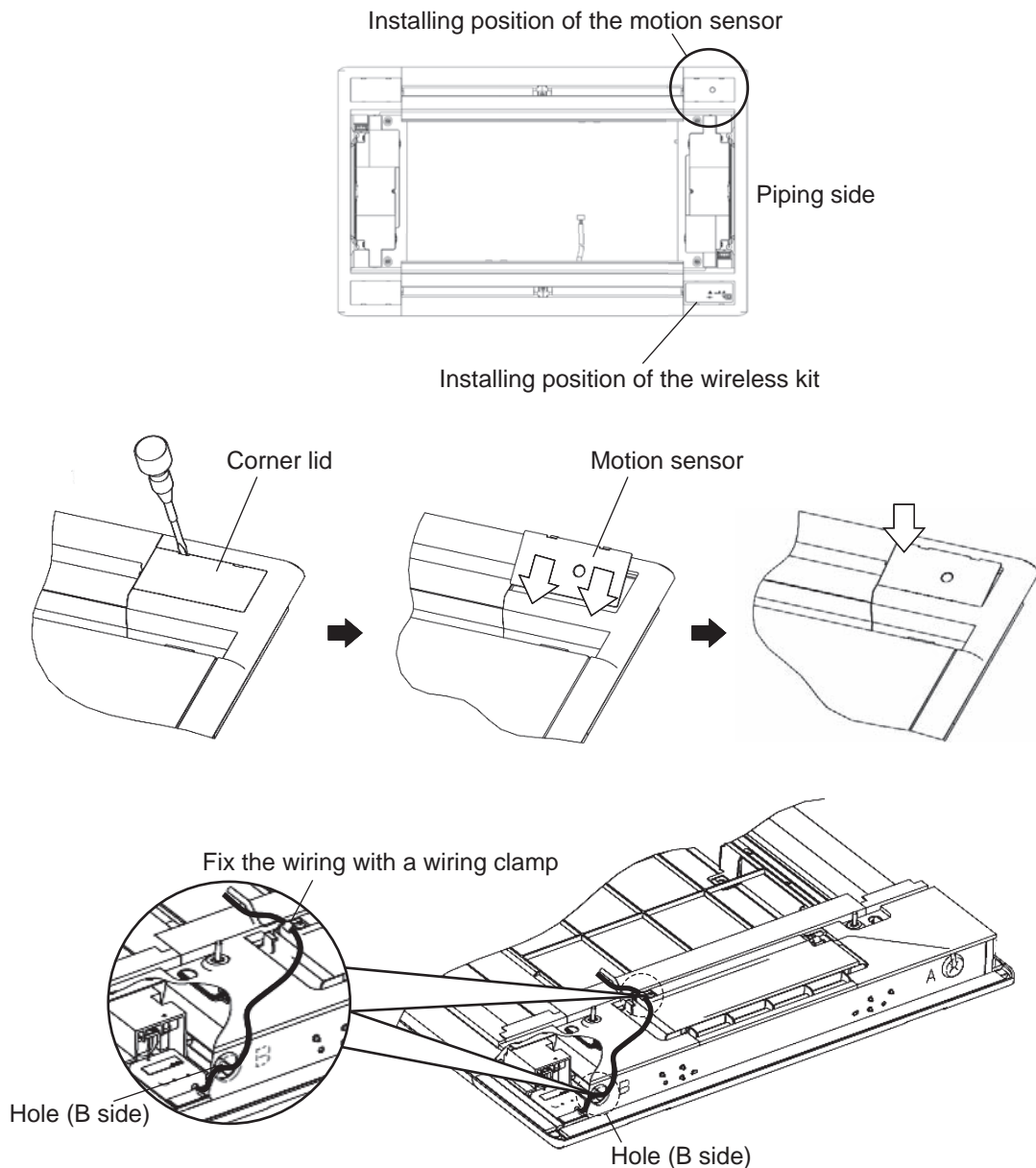


Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	ϕ A (m)	4.5	6.4	7.6
Detectable area	ϕ B (m)	6.4	8.3	9.5

Installing the motion sensor (before installing the panel)

CAUTION: Motion sensor can be installed only at the corner lid as shown below.
Make sure to install the motion sensor in the correct direction.

- ① Remove the corner lid at the location where the motion sensor is to be installed.
Insert a tool into the dented part and turn the tool wrench slightly not to damage the frame.
- ② Cut off the slit on the side of the panel (round hole (φ 25), B side), install the grommet in the accessories.
- ③ After inserting the wiring of the motion sensor at hole (B side), install the motion sensor by snapping the hook (2 places) from outer edge into the frame.
- ④ Insert the wiring as shown in the panel ceiling rear side drawing and secure the wiring with the wiring clamps in the accessories and screws.



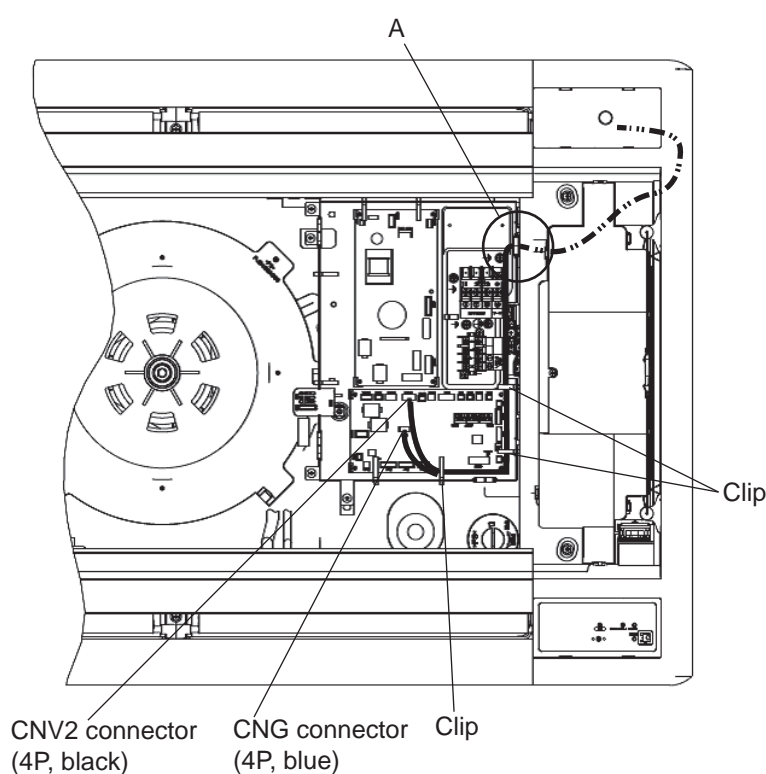
Installing the panel to the indoor unit

Install the panel to the indoor unit by following the manual attached to the panel.

CAUTION: When installing the panel, make sure that the wiring is not pinched.

Wiring connection in the control box

- ① Remove the service panel and air filter.
- ② Remove the control box cover from the unit. (2 places to be screwed)
- ③ Through the wiring inside the control box from A .
- ④ Fix the wiring with clips (3 places).
- ⑤ Connect CNG connector (4P, blue) to the PCB.
- ⑥ Connect CNV2 connector (4P, black) to the PCB.



③ Setting the motion sensor

The motion sensor will not function if it is only installed.

Set the function of the motion sensor by the wired or wireless remote control.


Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.



Wired: RC-EX1A, RC-E5, RCH-E3

Wireless: RCN-E1R

(4) FDE series (LB-E)


PFA012D633 

 **WARNING**

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB. Loose connection or hold will cause abnormal heat generation or fire. 
- Make sure the power source is turned off when electric wiring work. Otherwise, electric shock, malfunction and improper running may occur. 

 **CAUTION**

- Do not install the motion sensor kit at the following places in order to avoid malfunction.

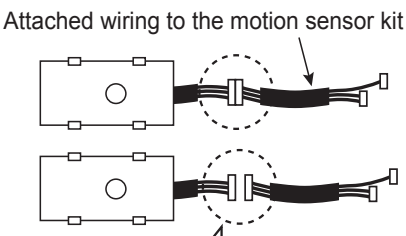

(1) Places exposed to direct sunlight	(8) Places where the motion sensor is affected by infrared rays of any other communication devices
(2) Places near heat devices	(9) Places where some object may obstruct the motion sensor
(3) High humidity places	(10) Place that the motion sensor have a shock
(4) Hot surface or cold surface enough to generate condensation	(11) Place with the strong radio wave or Static electricity
(5) Places exposed to oil mist or steam directly	(12) Place that motion sensor lens become tainted or have damaged. Dusty place
(6) Places affected by the direct air flow of the Indoor unit	
(7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight	
- Do not leave the motion sensor without the cover. In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust. 

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

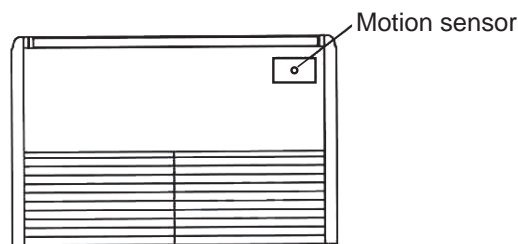
① Accessories

Please make sure that all components are in the package.

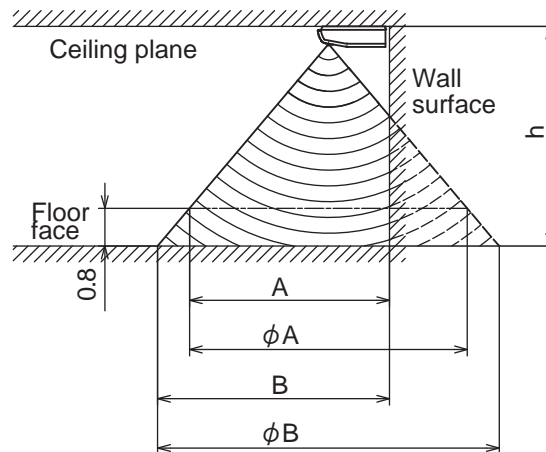
Motion sensor (※)	Manual
<p>Attached wiring to the motion sensor kit</p>  <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>※ Wiring from the motion sensor and the attached wiring to the motion sensor kit have been connected when shipped from the factory. Remove the connector at the position of ○ mark and connect it to the attached wiring to the indoor unit before use.</p> </div>	

② Installing the motion sensor

- It is possible to install the motion sensor by replacing the indoor unit.
- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Sensor may not detect small children or infants with little motion.
- Use the separate motion sensor so that person's activity can be detected when the detectable area differs from the person's activity area.
- Use the separate motion sensor when using both wireless remote control and motion sensor together.



The detectable area



Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	A (m)	2.9	3.9	4.5
Detectable area	φ A (m)	4.5	6.4	7.6
Detectable area	B (m)	3.9	4.8	5.4
Detectable area	φ B (m)	6.4	8.3	9.5

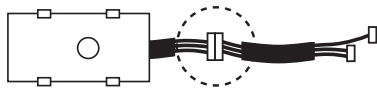
Installing the motion sensor (before installing the unit)

Motion sensor can be installed by replacing with a cover of the panel.

CAUTION: Install the motion sensor before installing the unit.

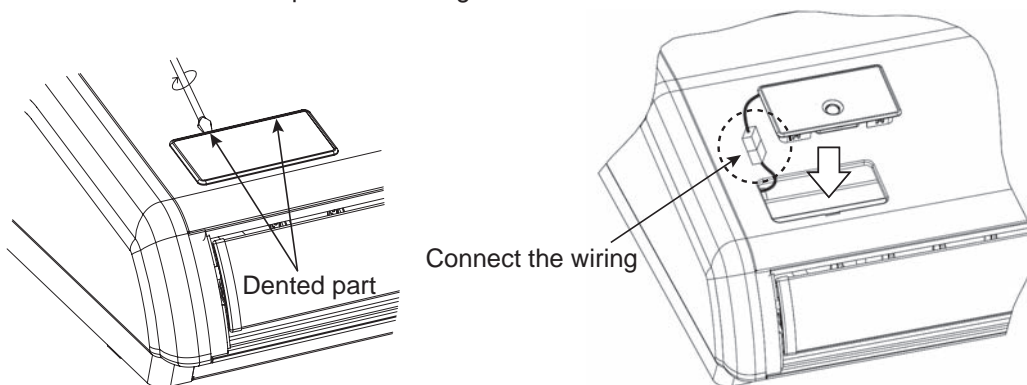
When installing the motion sensor after unit has been fixed, injury due to falling may result because of working at high place.

- ① Remove the connector that connects the motion sensor and the wiring.



- ② Insert a tool into the dented part (2 places) of the panel cover, and wrench slightly not to damage the paintwork of the panel to remove the cover.
- ③ Connect the wiring from the panel's hole (attached to the indoor unit, color of the wiring: white, red and black, connector: 3P, white) to the wiring from the motion sensor. Make sure to install the motion sensor in the correct direction.

CAUTION: Do not remove the clamp fixed the wiring.



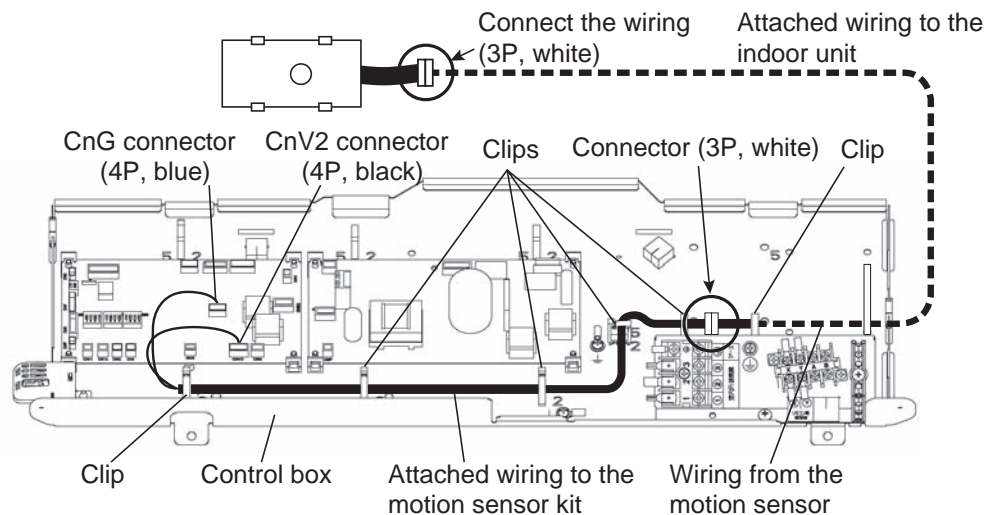
- ④ Install the motion sensor
Place the connector under the panel and install it to the panel with careful attention to the direction of the motion sensor.

CAUTION: Connect the connectors before installing the motion sensor.

In case of connecting after the motion sensor has been installed, it will be necessary to remove the panel.

Wiring connection in the control box

- ① Connect the wiring from the motion sensor (attached to the indoor unit, color of the wiring: white, red and black, connector: 3P, white) to the attached wiring to the motion sensor kit.
- ② Fix the wiring with clips (6 places).
- ③ Connect CnG connector (4P, blue) to the PCB.
- ④ Connect CnV2 connector (4P, black) to the PCB.



③ Setting the motion sensor

The motion sensor will not function if it is only installed.

Set the function of the motion sensor by the wired or wireless remote control. Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.



Wired: RC-EX1A, RC-E5, RCH-E3

Wireless: RCN-E1R

(5) **FDTs, FDU, FDUM, FDUT, FDK, FDU-F series (LB-KIT)**


PJZ012D122 

 **WARNING**

- Connect the wiring to the PCB in the control box on the indoor unit and hold the wiring securely so as not to apply unexpected stress on the PCB. Loose connection or hold will cause abnormal heat generation or fire. 
- Make sure the power source is turned off when electric wiring work. Otherwise, electric shock, malfunction and improper running may occur. 

 **CAUTION**

- Do not install the motion sensor kit at the following places in order to avoid malfunction.






<ul style="list-style-type: none"> (1) Places exposed to direct sunlight (2) Places near heat devices (3) High humidity places (4) Hot surface or cold surface enough to generate condensation (5) Places exposed to oil mist or steam directly (6) Places affected by the direct air flow of the Indoor unit (7) Places where the motion sensor is influenced by the fluorescent lamp or sunlight 	<ul style="list-style-type: none"> (8) Places where the motion sensor is affected by infrared rays of any other communication devices (9) Places where some object may obstruct the motion sensor (10) Place that the motion sensor have a shock (11) Place with the strong radio wave or Static electricity (12) Place that motion sensor lens become tainted or have damaged. Dusty place (13) Place where it runs in parallel with strong voltage lines such as power source wiring
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
- Do not leave the motion sensor without the cover. In case the cover needs to be detached, protect the motion sensor with a packaging or bag in order to keep it away from water and dust. 

Attention

- This manual describes how to install the motion sensor kit.
- Instruct the customer how to operate it correctly referring to the instruction manual.
- For the installation method of the air-conditioner itself, refer to the installation manual enclosed in the package.

① Accessories

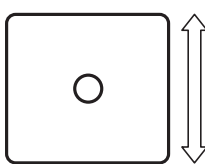
Please make sure that all components are in the package.

Motion sensor	Wiring <1>	Wiring <2>	2 screws	Manual
	In case of CnL connector on the indoor unit PCB (FDT/FDK/FDTC) 	In case of CnL connector is not on the indoor unit PCB 		

※ Please prepare a relay wiring for connecting the motion sensor and indoor unit on site. (0.2 mm² or thicker, triplex (red, white and black) cable for communication, with the maximum length of 8 m.)

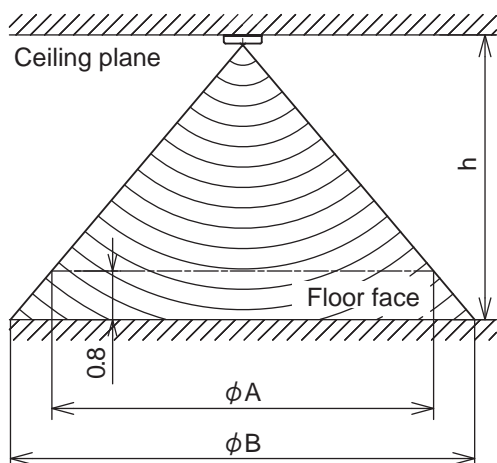
② Installing the motion sensor

- The recommended height is lower than 4000 mm for motion sensor. When the installation height is higher, motion detection accuracy might be reduced.
- Sensor will detect the object with a different temperature from the surrounding.
- Motion sensor is more sensitive to motions in the direction of ⇄ mark.
- Sensor may not detect small children or infants with little motion.
- Although motion sensor can be installed on a wall, it is recommended to install it on the ceiling plane.
- If the sensor is installed on the wall, the sensing distance in the front direction is about 5 m, covering the angle of about 100 degrees.



Side of screws for fixing the case

The detectable area



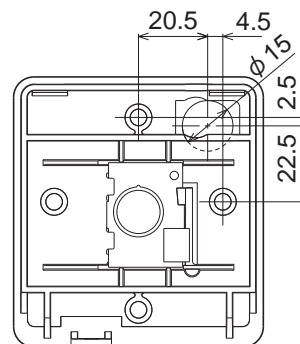
Height of the ceiling	h (m)	2.7	3.5	4.0
Detectable area	ϕ A (m)	4.5	6.4	7.6
Detectable area	ϕ B (m)	6.4	8.3	9.5

Installing the motion sensor

There are the following 3 methods to install the motion sensor on the ceiling plane or wall surface (hereinafter called "ceiling plane"). Select the method according to the installation position.

<How to install>

- (A) Direct installation by screws to the ceiling plane with the wiring in the ceiling space.
- (B) Direct installation by screws to the ceiling plane with the wiring in the room.
- (C) Installation with switch box (prepare at the site)

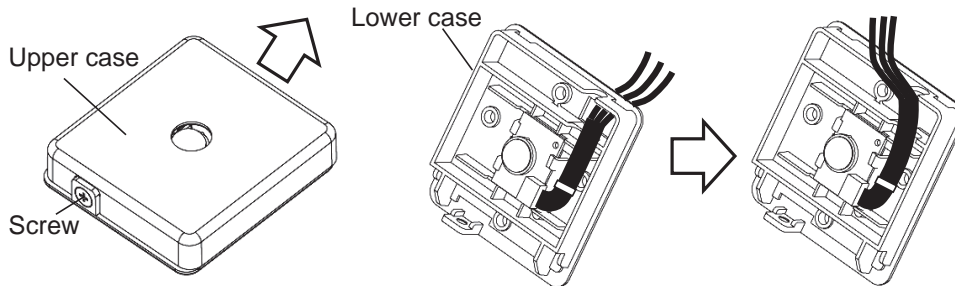
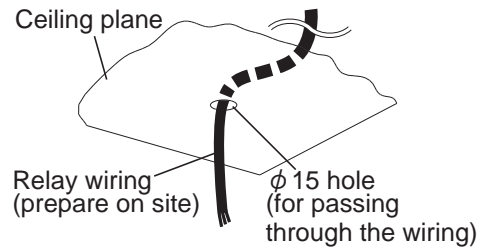


Positional relation for pulling out relay wiring hole and installing holes.

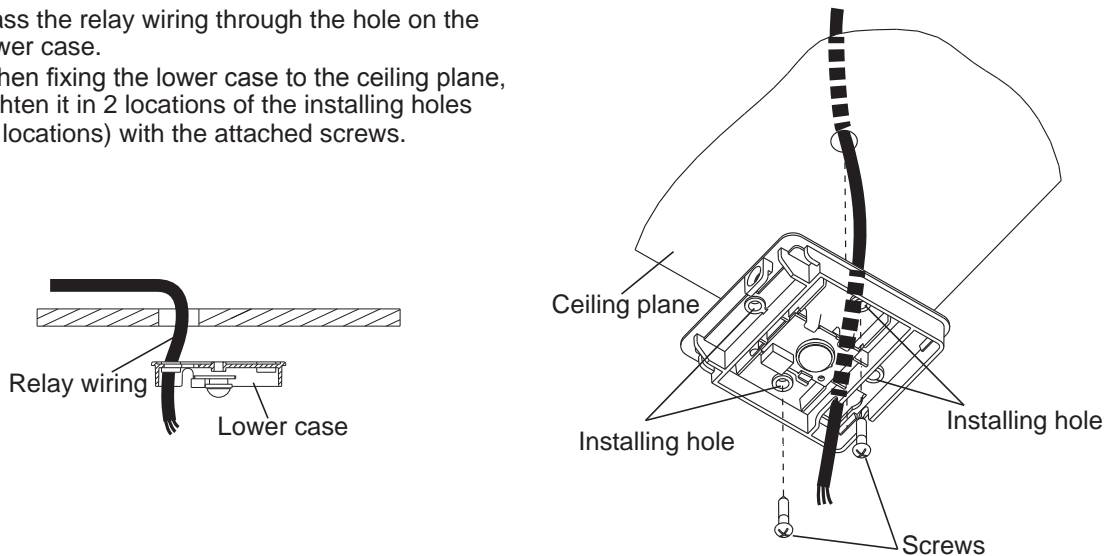
Option (A)

►Select this method if the ceiling plane has sufficient strength to install the motion sensor directly with screws.

- ① Prepare a relay wiring on site and lay out the wiring in advance.
- ② Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow.
- ③ Pull the wiring of the motion sensor as below.



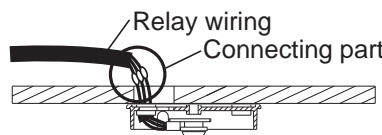
- ④ Pass the relay wiring through the hole on the lower case.
- ⑤ When fixing the lower case to the ceiling plane, tighten it in 2 locations of the installing holes (4 locations) with the attached screws.



- ⑥ Using a crimping terminal, etc., connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor.



- ⑦ Place the connecting part inside of the ceiling space.
- ⑧ Seal the wiring hole on the lower case with putty.
- ⑨ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws.

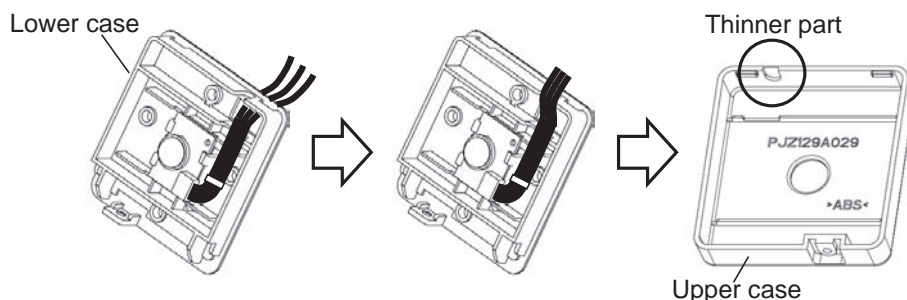


Caution:
In order to prevent tracking, be sure to perform construction so as not to clog up the connecting part with dust, etc.

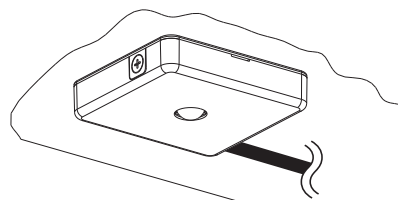
Option (B)

► Select this method if the ceiling plane has sufficient strength to install the motion sensor directly with screws.

- ① Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow. (The same as ② of Option (A))
- ② Pull the wiring of the motion sensor toward the side. Cut off the thinner part of the upper case.

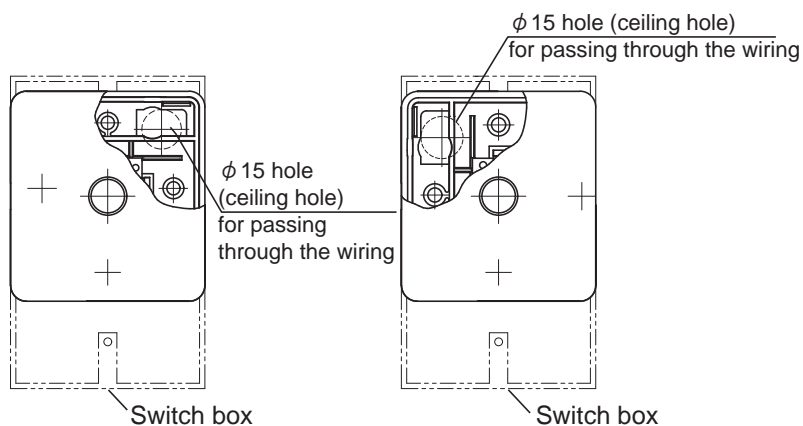


- ③ When fixing the lower case to the ceiling plane, tighten it in 2 locations of the installing holes (4 locations) with the attached screws. (The same as ⑤ of Option (A))
- ④ Using a crimping terminal, etc., connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor. (The same as ⑥ of Option (A))
- ⑤ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws. (The same as ⑨ of Option (A))
- ⑥ Seal the cut part at Step ② with putty.

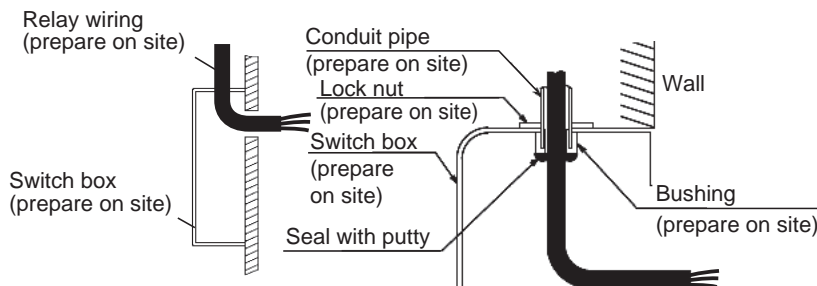


Option (C)

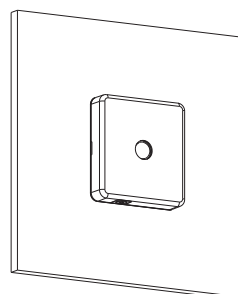
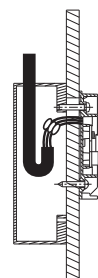
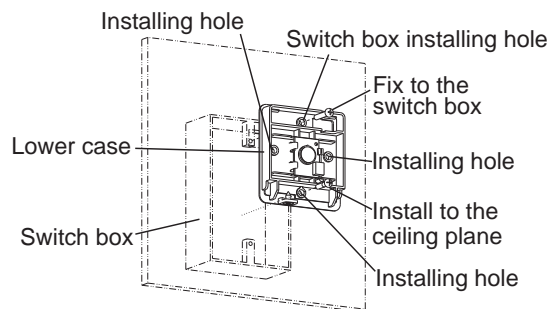
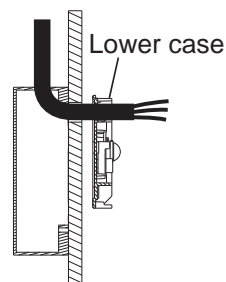
- ① Set up the switch box and relay wiring (prepare on site) in advance. Seal the relay wiring inlet with putty.



Positional relation for the switch box and installing holes



- ② Remove the screw at the side of the motion sensor and slide the upper case in the direction of the arrow. (The same as ② of Option (A))
- ③ Pull the wiring of the motion sensor. (The same as ③ of Option (A))
- ④ Pass the relay wiring through the hole on the lower case from switch box.
- ⑤ Fix the lower case to switch box using the installing hole (1 place).
- ⑥ Connect the same color to the relay wiring (prepare on site) and the wiring of motion sensor. (The same as ⑥ of Option (A))
- ⑦ Place the connecting part between switch box and the hole of the lower case through passed the wiring at step ④ .
- ⑧ Taking care not to pinch the wirings, slip the upper case into the lower case, and tighten the screws. (The same as ⑧ of Option (A))

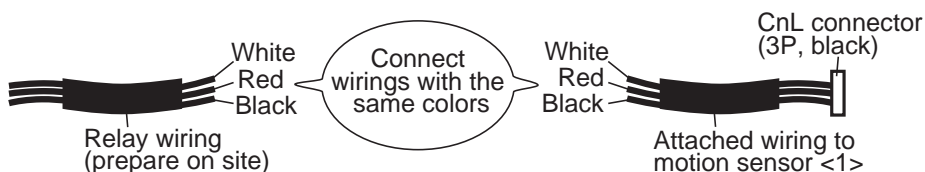


Wiring connection in the control box of indoor unit

CAUTION: Attached wirings to the motion sensor vary depending on the model of the indoor unit. Make sure your model before installing.

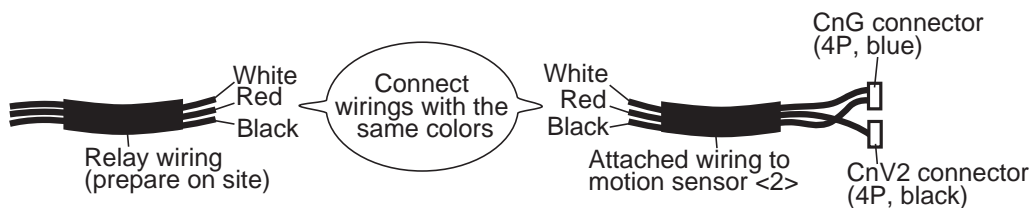
<In case of the CnL connector is on the indoor unit PCB (FDT/FDK/FDTC)>

- ① Connect the same color to the relay wiring (prepare on site) and the attached wiring <1>.
- ② Remove the control box cover from the indoor unit.
- ③ Connect CnL connector (3P, black) to the PCB.

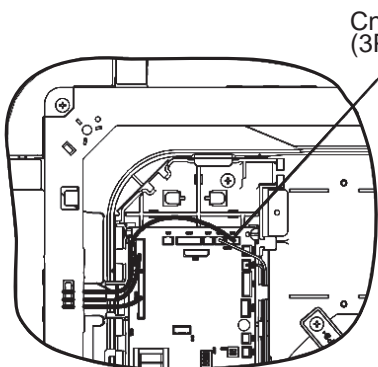


<Incase of the CnL connector is not on the indoor unit PCB>

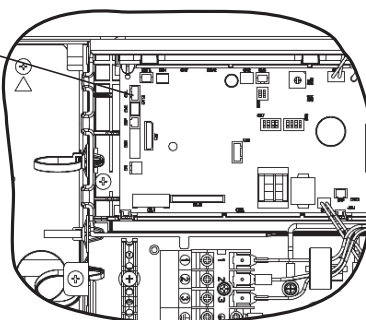
- ① Connect the same color to the relay wiring (prepare on site) and the attached wiring <2>.
- ② Remove the control box cover from the indoor unit.
- ③ Connect CnG connector (4P, blue) to the PCB.
- ④ Connect CnV2 connector (4P, black) to the PCB.



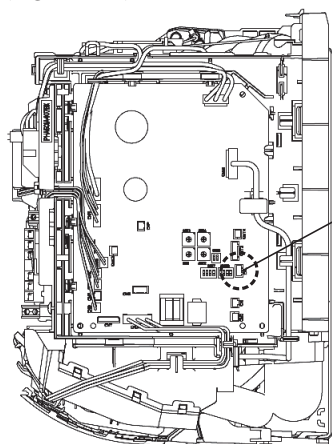
<For FDT>



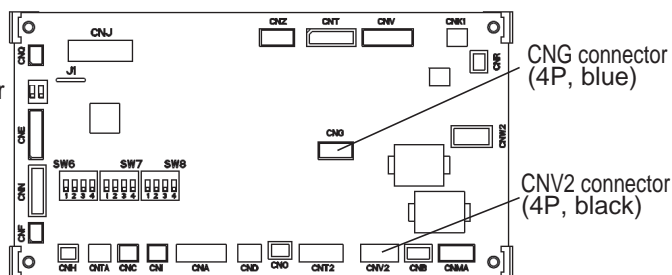
<For FDTC>



<For FDK>



<For the other indoor units>



③ Setting the motion sensor

The motion sensor will not function if it is only installed.

Set the function of the motion sensor by the wired or wireless remote control. Refer to the manual instruction of each remote control for the setting procedure.

Note: It is not possible to set by the following remote control models or older.

Wired: RC-EX1A, RC-E5, RCH-E3

Wireless: RCN-E1R

SAFETY PRECAUTIONS

⚠ WARNING

- **If a child, person with disease or other persons needed for assist uses this product, people around the person should take sufficient care.** !
 A halt of the air-conditioner due to abnormal situation or motion sensor's control may cause a feeling of sickness or accident.

ATTENTION

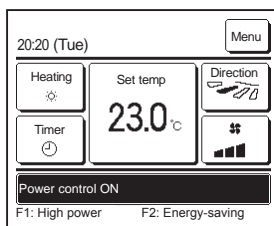
- The sensor may not detect a person near the border of detection range.
- Installation near an object with a different temperature from the surrounding may cause a false detection of human.
- Due to correction of temperature setting, some people may feel chilly.

This product uses infrared sensor to detect person's activity level to support control of air-conditioner. Please set the control you like from the remote control.

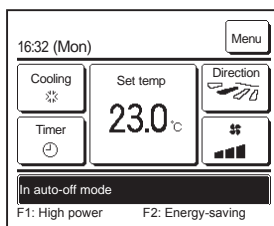
Indoor unit control	Detective situation	Description of control	Display of eco touch remote control
① Power control	Activity level is large	Lower the indoor temperature setting for comfort.	Power control ON
	Activity level is small	Raise the indoor temperature setting for energy-saving.	Power control ON
② Auto-off	No one is detected for 1 hour	Stop operation and stand by	In auto-off mode
	No one is detected for 12 hours	Stop operation	-
① + ②	Any combination of the above	Any of the above	Any of the above
All disabled (default setting)	-	Standard control	-

If the sensor is disconnected or defective, the control will be set as if it no detects (or less) activity level.

Refer to the next section for setting method.



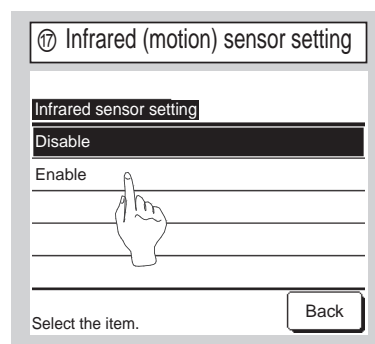
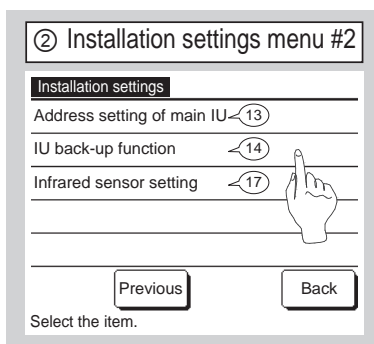
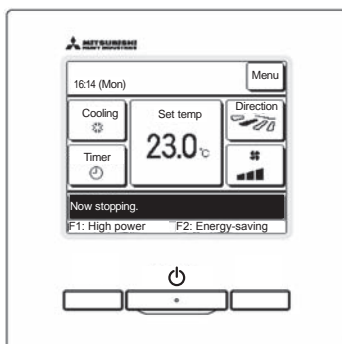
- When power control is enabled
 The amount of human motion is detected by a motion sensor to adjust the Set temp.
 During power control, "Power control ON" will be displayed on the message display.



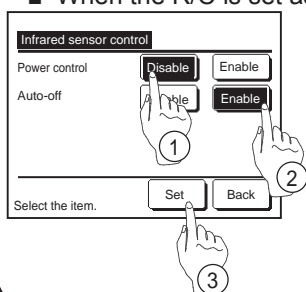
- When auto-off is enabled
 The unit will enter the "Operation wait" state when an hour has elapsed since the last time a human presence was detected and will be in "Complete stop" state after another 12 hours.
 "Operation wait"...The unit stops but will resume operation when human presence is detected. When the unit is in "Complete stop", "In auto-off mode" will be displayed on the message display.
 "Complete stop"...When auto-off is enabled, the unit stops. The unit will not resume operation even when human presence is detected. The message "In auto-off mode" will disappear from the message display, and the operation lamp will turn off.

Control setting (from eco touch remote control)

- Refer to the installation manual for eco touch remote control to activate the infrared sensor (motion sensor).
TOP screen **Menu** ⇒ **Service setting** ⇒ **Installation settings** ⇒ **Service password**



- Refer to the installation manual for eco touch remote control to set control mode.
 - Infrared sensor (motion sensor) control (for IUs with motion sensors)
Presence of humans and the amount of motion are detected by a motion sensor to perform various controls.
 - When the R/C is set as the sub R/C, the infrared sensor (motion sensor) control cannot be set.



Tap the **Menu** button on the TOP screen and select **Energy-saving setting** ⇒ **Infrared sensor control** or **Motion sensor control**.

The Infrared sensor control screen and contents of the current settings are displayed.

- ① Enable/disable power control.
- ② Enable/disable auto-off.
- ③ After you set each item, tap the **Set** button.
The display returns to the Energy-saving setting menu screen.

Control setting (from wireless remote control)

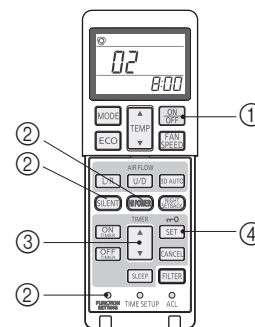
- Refer to the installation manual for wireless remote control to enable motion sensor in **Indoor function settings**

Indoor function settings

1. How to set indoor functions

- ① Press the ON/OFF button to stop the unit.
- ② Press the desired one of the buttons shown item 2. while holding down the FUNCTION SETTING switch.
- ③ Use the selection buttons, ▲ and ▼, to change the setting.
- ④ Press the SET button.

The buzzer on the remote control signal receiver beeps twice, and the LED lamp flashes four times at two-second intervals.



2. Setting details

Button	Number indicator	Function setting
SILENT	00	Infrared sensor setting (Motion sensor setting) : Disable
	01	Infrared sensor setting (Motion sensor setting) : Enable
HI POWER	00	Infrared sensor control (Motion sensor control) : Disable
	01	Infrared sensor control (Motion sensor control) : Power control only
	02	Infrared sensor control (Motion sensor control) : Auto OFF only
	03	Infrared sensor control (Motion sensor control) : Power control and Auto OFF

VRF INVERTER MULTI-SYSTEM AIR-CONDITIONERS



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