MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



FDTC25VH1

2.5kW

Specifications

Nominal cooling capacity		kW	2.5
Nominal heating capacity		kW	3.4
Sound power level	Cooling	dB(A)	51
	Heating	dB(A)	53
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	38 / 34 / 30 / 27
	Heating(Hi/Me/Lo/Ulo)	dB(A)	39 / 36 / 32 / 28
Air flow	Cooling(Hi/Me/Lo/Ulo)	m^3/min	8.5 / 7.5 / 7.0 / 6.0
	Heating(Hi/Me/Lo/Ulo)	m^3/min	9.5 / 8.5 / 7.5 / 6.5
Exterior dimensions (H×W×D)		mm	248×570×570
Exterior panel dimensions (H×W×D)		mm	10×620×620
Net weight		kg	16.5 (Unit.14 Panel:2.5)
Refrigerant piping size	Liquid / Gas	mm (ø inch)	6.35(1/4") / 9.52(3/8")
Clean filter			-
Panel			TC-PSA-5AW-E, TC-PSAE-5AW-E

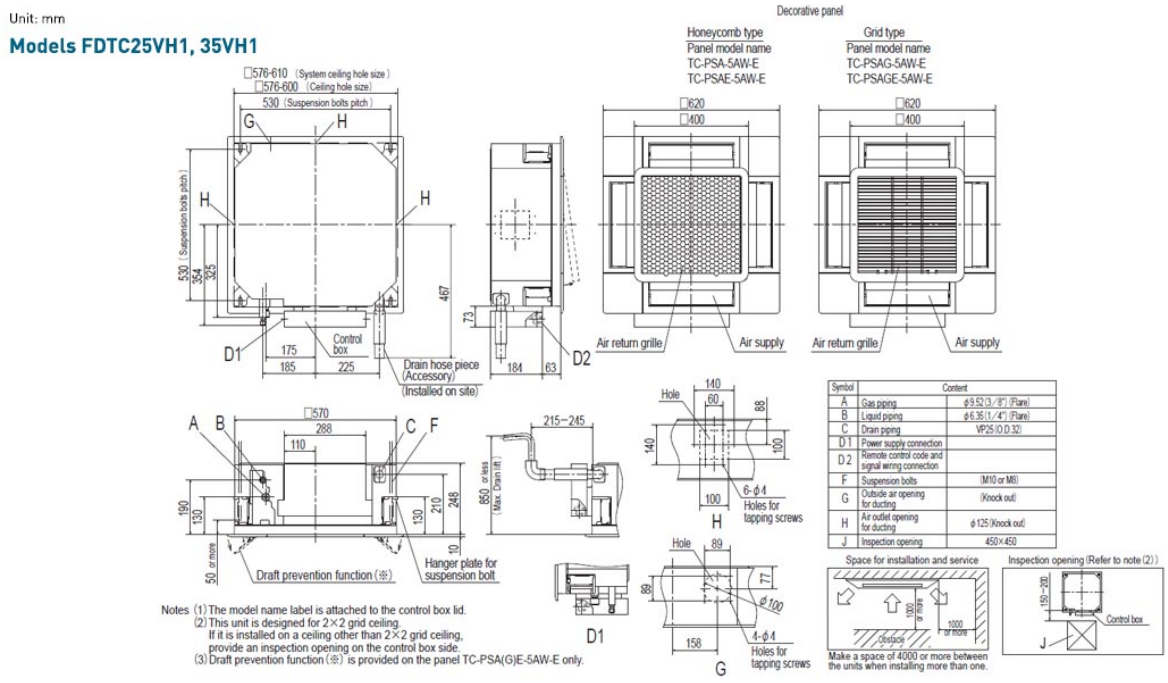
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

Unit: mm

Models FDTC25VH1, 35VH1



Symbol	Content	
A	Gas piping	φ9.52 (3/8") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)
C	Drain piping	VP25 (O.D.32)
D1	Power supply 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

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

MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



FDTC35VH1

3.5kW

Specifications

Nominal cooling capacity		kW	3.5
Nominal heating capacity		kW	4.5
Sound power level	Cooling	dB(A)	52
	Heating	dB(A)	54
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	39 / 36 / 32 / 29
	Heating(Hi/Me/Lo/Ulo)	dB(A)	41 / 38 / 34 / 30
Air flow	Cooling(Hi/Me/Lo/Ulo)	m^3/min	9.0 / 8.0 / 7.5 / 6.5
	Heating(Hi/Me/Lo/Ulo)	m^3/min	10.0 / 9.0 / 8.0 / 7.0
Exterior dimensions (H×W×D)		mm	248×570×570
Exterior panel dimensions (H×W×D)		mm	10×620×620
Net weight		kg	16.5 (Unit.14 Panel:2.5)
Refrigerant piping size	Liquid / Gas	mm (ø inch)	6.35(1/4") / 9.52(3/8")
Clean filter			-
Panel			TC-PSA-5AW-E, TC-PSAE-5AW-E

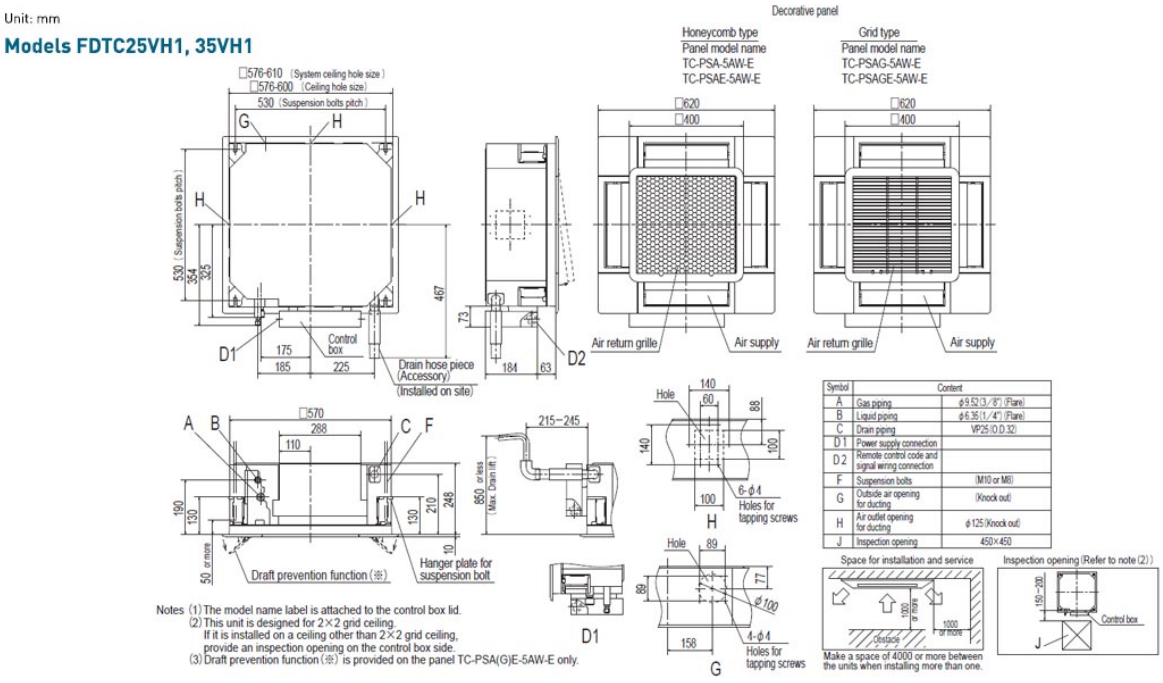
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

Unit: mm

Models FDTC25VH1, 35VH1



Symbol	Content	
A	Gas piping	φ9.52 (3/8") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)
C	Drain piping	VP25 (O.D.32)
D1	Power supply 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

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

MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



FDTC50VH

5.0kW

Specifications

Nominal cooling capacity		kW	5.0
Nominal heating capacity		kW	5.4
Sound power level	Cooling	dB(A)	59
	Heating	dB(A)	59
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	P-Hi : 44 Hi : 40 Me : 35 Lo : 27
	Heating(Hi/Me/Lo/Ulo)	dB(A)	P-Hi : 44 Hi : 40 Me : 35 Lo : 27
Air flow	Cooling(Hi/Me/Lo/Ulo)	m^3/min	P-Hi : 13 Hi : 11 Me : 9 Lo : 7
	Heating(Hi/Me/Lo/Ulo)	m^3/min	P-Hi : 13 Hi : 11 Me : 9 Lo : 7
Exterior dimensions (H×W×D)		mm	248×570×570
Exterior panel dimensions (H×W×D)		mm	10×620×620
Net weight		kg	16.5 (Unit.14 Panel:2.5)
Refrigerant piping size	Liquid / Gas	mm (ø inch)	6.35(1/4") / 12.7(1/2")
Clean filter			-

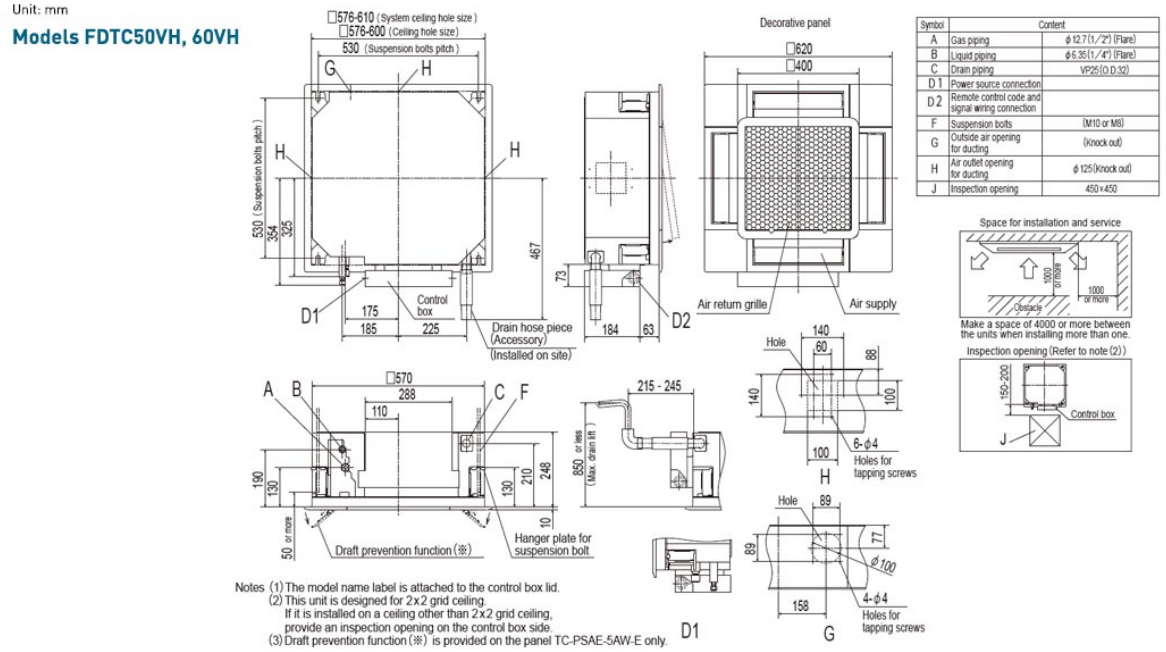
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

Unit: mm

Models FDTC50VH, 60VH



Symbol	Content	
A	Gas piping	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

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.

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MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



FDTC60VH

6.0kW

Specifications

Nominal cooling capacity		kW	6.0
Nominal heating capacity		kW	6.8
Sound power level	Cooling	dB(A)	60
	Heating	dB(A)	60
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	46 / 42 / 38 / 31
	Heating(Hi/Me/Lo/Ulo)	dB(A)	46 / 42 / 38 / 31
Air flow	Cooling(Hi/Me/Lo/Ulo)	m^3/min	14.0 / 12.0 / 10.0 / 8.0
	Heating(Hi/Me/Lo/Ulo)	m^3/min	14.0 / 12.0 / 10.0 / 8.0
Exterior dimensions (H×W×D)		mm	248×570×570
Exterior panel dimensions (H×W×D)		mm	10×620×620
Net weight		kg	16.5 (Unit.14 Panel:2.5)
Refrigerant piping size	Liquid / Gas	mm (ø inch)	6.35(1/4") / 12.7(1/2")
Clean filter			-
Panel			TC-PSA-5AW-E, TC-PSAE-5AW-E

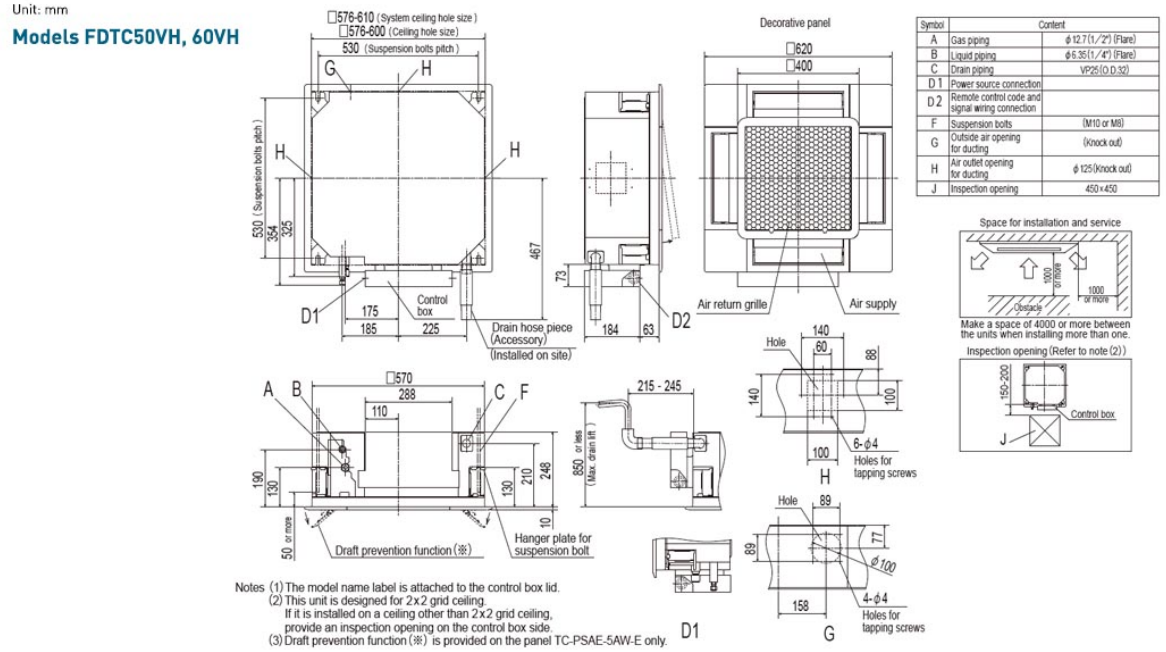
• The data is measured under the following conditions(ISO-T1, H1). Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
• Sound level the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

Unit: mm

Models FDTC50VH, 60VH



Symbol	Content	
A	Gas piping	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