MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE



FDUM50VH

5.0kW

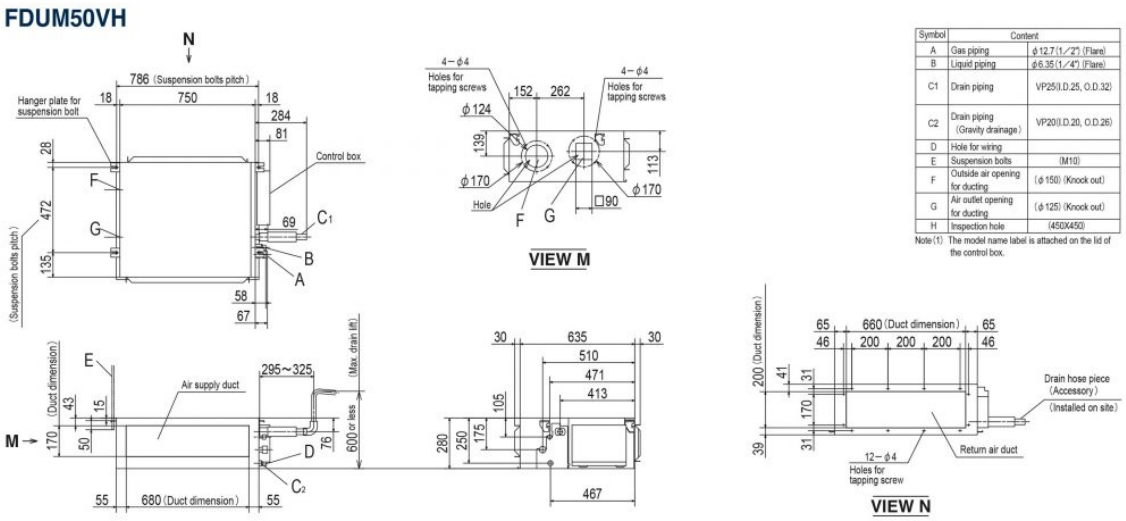
Specifications

Nominal cooling capacity		kW	5.0
Nominal heating capacity		kW	5.8
Sound power level	Cooling	dB(A)	60
	Heating	dB(A)	60
Sound pressure level	Cooling(Hi/Me/Lo/Ulo)	dB(A)	37 / 32 / 29 / 26
	Heating(Hi/Me/Lo/Ulo)	dB(A)	37 / 32 / 29 / 26
Air flow	Cooling(Hi/Me/Lo/Ulo)	m^3/min	13.0 / 10.0 / 9.0 / 8.0
	Heating(Hi/Me/Lo/Ulo)	m^3/min	13.0 / 10.0 / 9.0 / 8.0
Available external static pressure		Pa	Standard : 35 Max : 100
Exterior dimensions (H×W×D)		mm	280×750×635
Net weight		kg	29.0
Refrigerant piping size	Liquid / Gas	mm (ø inch)	6.35(1/4") / 12.7(1/2")
Clean filter			Filter KIT : UM-FL1EF (option)

• 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



Symbol	Content	
A	Gas piping	ϕ12.7 (1/2") (Flare)
B	Liquid piping	ϕ6.35 (1/4") (Flare)
C1	Drain piping	VP25 (I.D.25, O.D.32)
C2	Drain piping (Gravity drainage)	VP20 (I.D.20, O.D.26)
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(ϕ150) (Knock out)
G	Air outlet opening for ducting	(ϕ125) (Knock out)
H	Inspection hole	(450X450)

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