MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

FDU56KXZE3-W

4.5kW

Specifications

Nominal cooling capacity		kW	5.6
Nominal heating capacity		kW	6.3
Power source			1 Phase 220-240V, 50Hz
Power consumption	Cooling	kW	100-100
	Heating	kW	100-100
Sound power level	Cooling	dB(A)	58
	Heating		60
Sound pressure level Cooling		db(A)	P-Hi:34 Hi:29 Me:27 Lo:25
Sound pressure level Heating		db(A)	P-Hi:35 Hi:30 Me:29 Lo:25
Exterior dimensions unit	H x W x D	mm	280x750x635
Net weight		kg	29
Air flow cooling		m^3/min	P-Hi:13 Hi:10 Me:9 Lo:8
Air flow heating		m^3/min	P-Hi:13 Hi:10 Me:9 Lo:8
Maximum external static pressure		Pa	200
Outside air intake			Possible
Refrigerant piping size (liquid/ gas)		mm (ø inch)	Liquid line:ø6.35(1/4") (Flare) Gas line:ø12.7(1/2")(Flare)

1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27ºCDB, 19ºCWB, and outdoor temp. of 35ºCDB. Heating: Indoor temp. of 20ºCDB, and outdoor temp. of 7ºCDB, 6ºCWB.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

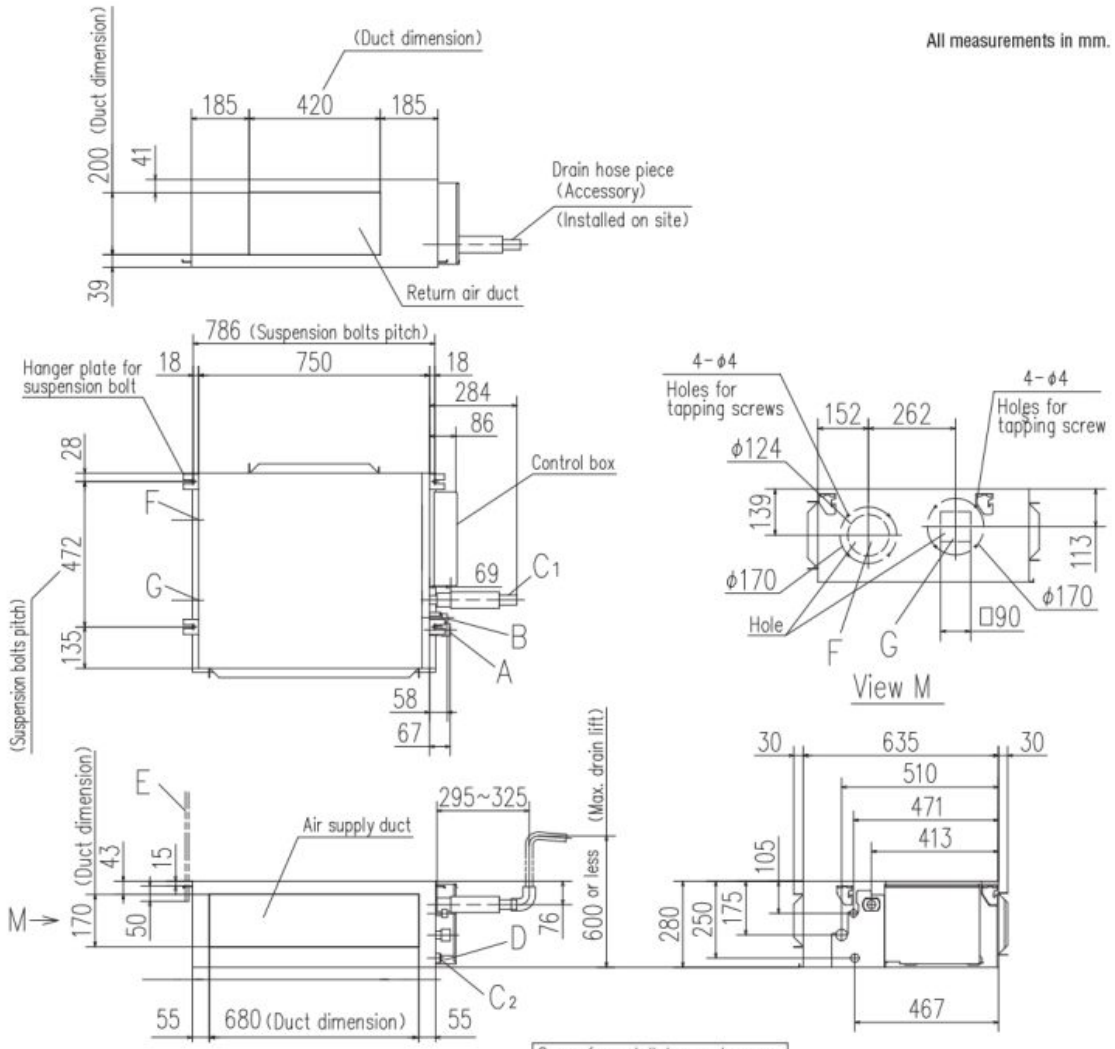
Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice.

Schematics

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

FDU45KXZE3-W, FDU56KXZE3-W
FDU45KXE6F, FDU56KXE6F

All measurements in mm.

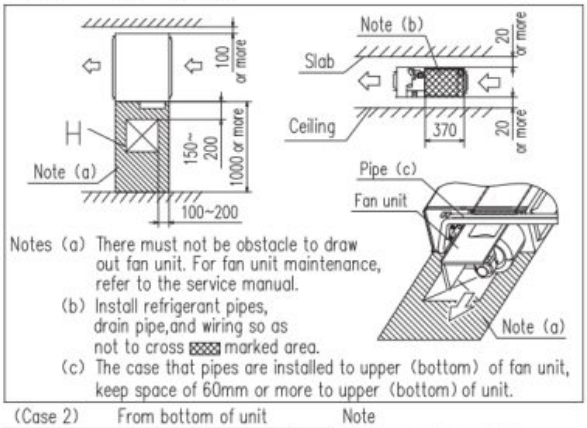


Symbol	Content	
A	Gas piping	φ12.7 (1/2") (Flare)
B	Liquid piping	φ6.35 (1/4") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20
D	Hole for wiring	
E	Suspension bolts	M10
F	Outside air opening for ducting	(Knock out)
G	Air outlet opening for ducting	(Knock out)
H	Inspection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

Space for installation and service

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

(Case 1) From side of unit

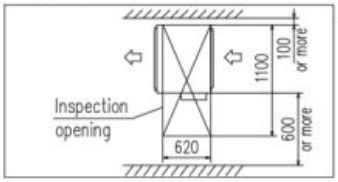


Notes (a) There must not be obstacle to draw out fan unit. For fan unit maintenance, refer to the service manual.

(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



Note

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

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