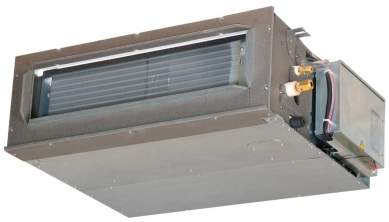
MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

FDUM140KXZE3-W



Specifications

Nominal cooling capacity		kW	14.0
Nominal heating capacity		kW	16.0
Power source			1 Phase 220-240V, 50Hz
Power consumption	Cooling	kW	260-260
	Heating	kW	260-260
Sound power level	Cooling	dB(A)	68
	Heating		69
Sound pressure level Cooling		db(A)	P-Hi:41 Hi:37 Me:34 Lo:28
Sound pressure level Heating		db(A)	P-Hi:41 Hi:37 Me:34 Lo:28
Exterior dimensions unit	H x W x D	mm	280 x 1368 x 738
Net weight		kg	54
Air flow cooling		m^3/min	P-Hi:39 Hi:32 Me:26 Lo:20
Air flow heating		m^3/min	P-Hi:39 Hi:32 Me:26 Lo:20
Maximum external static pressure		Pa	100
Outside air intake			Possible
Air filter (option)			UM-FL3EF
Remote control (option)			wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-KIT4-E2
Refrigerant piping size (liquid/ gas)		mm (ø inch)	Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")

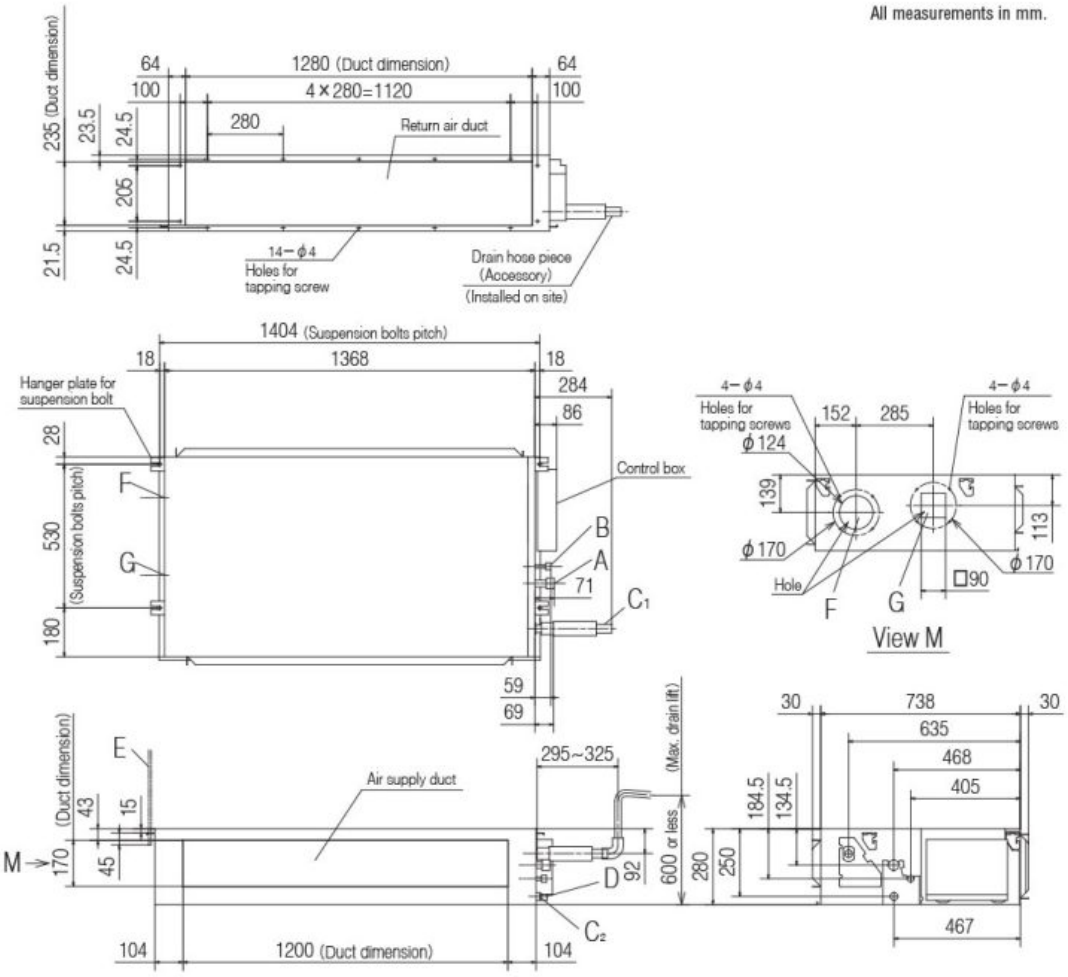
1. The data are measured under the following conditions(ISO-T1). Cooling: Indoor temp. of 27ºCDB, 19ºCWB, and outdoor temp. of 35ºCDB. Heating: Indoor temp. of 20ºCDB, and outdoor temp. of 7ºCDB, 6ºCWB.
2. Sound pressure level indicates the value in an anechoic chamber. During operation these values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

FDUM112KXZE3-W, FDUM140KXZE3-W, FDUM160KXZE3-W
FDUM112KXE6F, FDUM140KXE6F, FDUM160KXE6F

All measurements in mm.



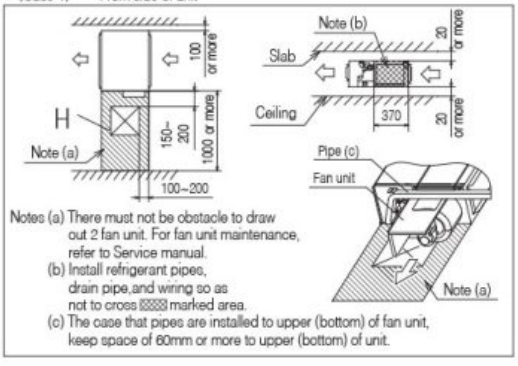
Symbol	Content	
A	Gas piping	φ15.88 (5/8") (Flare)
B	Liquid piping	φ9.52 (3/8") (Flare)
C1	Drain piping	VP25 (O.D.32)
C2	Drain piping (Gravity drainage)	VP20 (O.D.26)
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(φ150) (Knock out)
G	Air outlet opening for ducting	(φ125) (Knock out)
H	Inspection hole	(450X450)

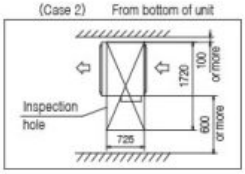
Note The model name label is attached on the lid of the control box.

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 unit. For fan unit maintenance, refer to 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