MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONING EUROPE

FDTW140KXZE3-W

14.0kW

Specifications

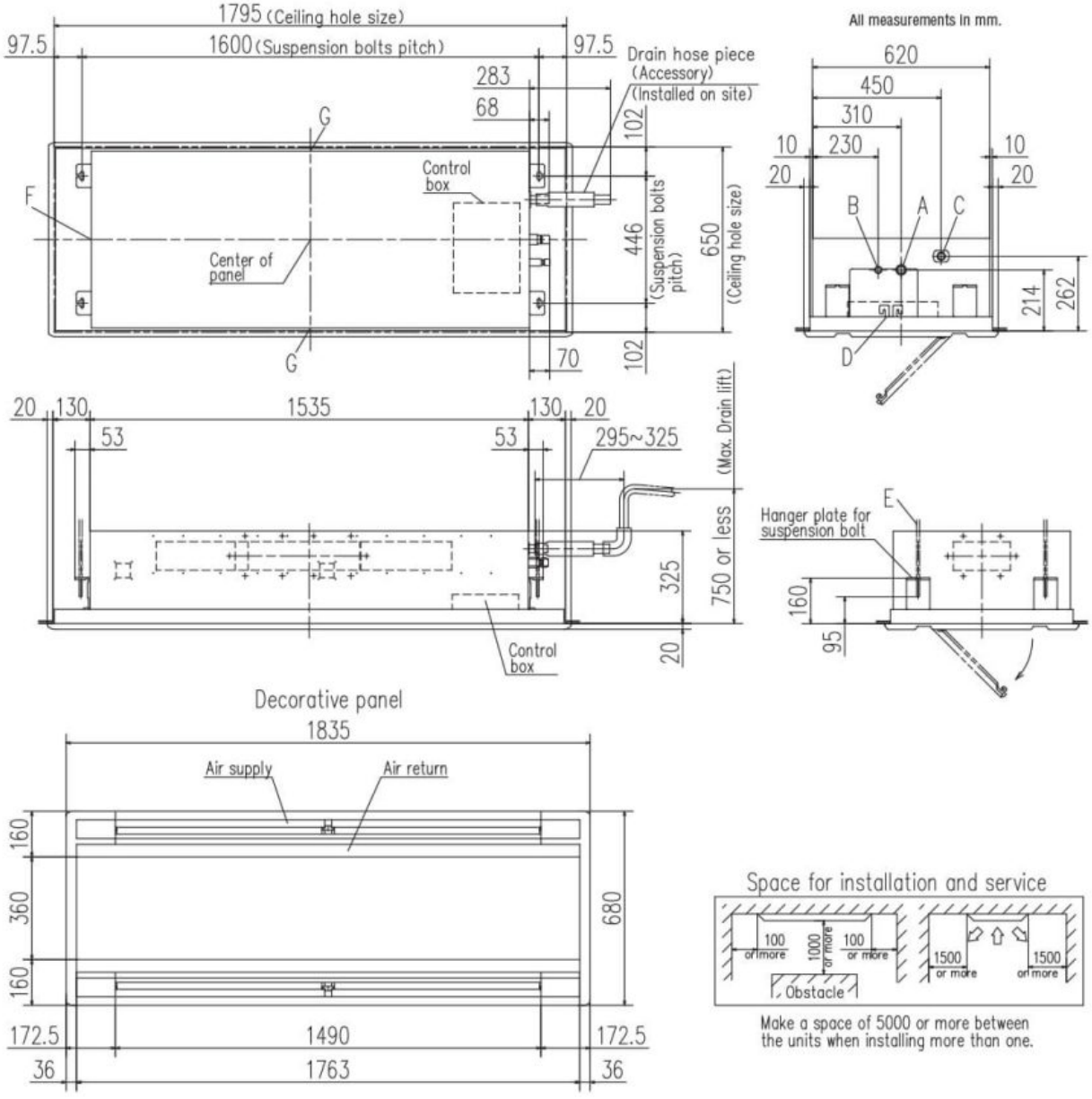
Nominal cooling capacity		kW	14.0
Nominal heating capacity		kW	16.0
Power source			1 Phase 220-240V, 50Hz
Power consumption	Cooling	kW	190 - 190 / 190
	Heating	kW	190 - 190 / 190
Running current	Cooling	A	1.00 - 1.00 / 1.00
	Heating	A	1.00 - 1.00 / 1.00
Sound power level	Cooling	dB(A)	63
	Heating		62
Sound pressure level Cooling		db(A)	P-Hi:48 Hi:45 Me:41 Lo:37
Sound pressure level Heating		db(A)	P-Hi:48 Hi:45 Me:41 Lo:37
Exterior dimensions unit	H x W x D	mm	325x1535x620
Exterior dimensions panel	H x W x D	mm	20x1835x680
Net weight		kg	Unit:35 Panel:13
Air flow cooling		m^3/min	P-Hi:31 Hi:27 Me:23 Lo:20
Air flow heating		m^3/min	P-Hi:31 Hi:27 Me:23 Lo:20
Outside air intake			Possible
Panel			TW-PSA-46W-E
Air filter, Q'ty			Pocket plastic net x3 (Washable)
Remote control (option)			wired:RC-EX3D, RC-E5 wireless:RCN-TW-E2
Refrigerant piping size (liquid/ gas)		mm (ø inch)	Liquid line:ø9.52(3/8") Gas line:ø15.88(5/8")
Refrigerant		Type/GWP	R32

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

FDTW90KXZE3-W, FDTW112KXZE3-W, FDTW140KXZE3-W
FDTW90KXE6F, FDTW112KXE6F, FDTW140KXE6F



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)

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

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