MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

FDTC45KXZE3-W

4.5kW

Specifications

Nominal cooling capacity		kW	4.5
Nominal heating capacity		kW	5.0
Power source			1 Phase 220-240V 50Hz / 220V 60Hz
Power consumption	Cooling	kW	50 - 50
	Heating	kW	50 - 50
Running current	Cooling	A	0.43 - 0.40 / 0.43
	Heating	A	0.43 - 0.40 / 0.43
Sound power level		dB(A)	58 / 57
Sound pressure level Cooling		db(A)	P-Hi□43 Hi□39 Me□36 Lo□28
Sound pressure level Heating		db(A)	P-Hi□43 Hi□39 Me□36 Lo□28
Exterior dimensions unit	H x W x D	mm	248 × 570 × 570
Exterior dimensions panel	H x W x D	mm	10 × 620 × 620
Net weight		kg	Unit□14□Standard panel□2.5
Air flow cooling		m^3/min	P-Hi□12 Hi□10 Me□9 Lo□7
Air flow heating		m^3/min	P-Hi□12 Hi□10 Me□9 Lo□7
Outside air intake			Possible
Panel			Honeycomb: (Standard, T-PSA-5AW-E) (Draft prevention,T-PSAE-5AW-E) | Grid: (Standard, T-PSAG-5AW-E) (Draft prevention, TC-PSAGE-5AW-E)
Air filter, Q'ty			Pocket plastic net × 1 (Washable)
Remote control (option)			wired: RC-E5, RC-EX3D, RCH-E3, wireless: RCN-TC-5AW-E3
Refrigerant piping size (liquid/ gas)		mm (ø inch)	Liquid line: ø6.35 (1/4") (Flare piping) Gas line: ø12.7 (1/2") (Flare piping)
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

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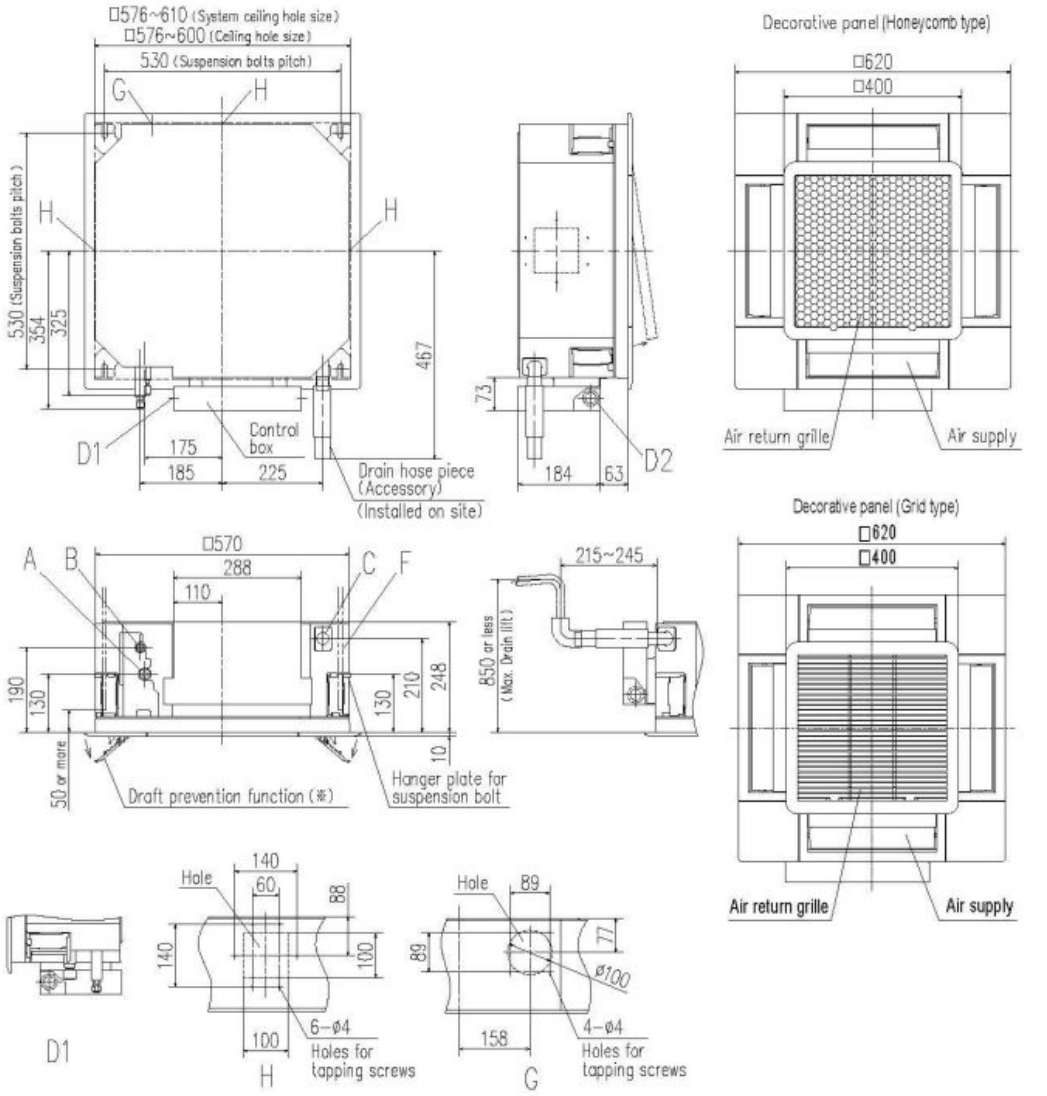
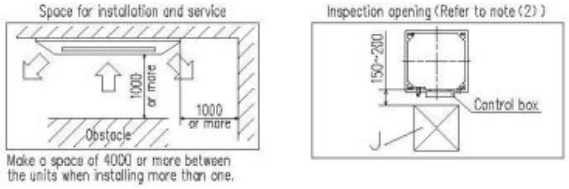
Ceiling Cassette - 4way Compact
FDTC

FDTC15KXZE3-W, FDTC22KXZE3-W, FDTC28KXZE3-W, FDTC36KXZE3-W, FDTC45KXZE3-W, FDTC56KXZE3-W
FDTC15KXZE1, FDTC22KXZE1, FDTC28KXZE1, FDTC36KXZE1, FDTC45KXZE1, FDTC56KXZE1

All measurements in mm.





Symbol	Content		
	Model	15,22,28	36,45,56
A	Gas piping	ø9.52 (3/8") (Flare)	ø12.7 (1/2") (Flare)
B	Liquid piping	ø6.35 (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	ø125 (Knock out)	
J	Inspection opening	450X450	

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, TC-PSAGE-5AW-E only.

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