MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONING EUROPE

FDT71VNXWVH

7.1 (3.2 ~ 8.0)

Indoor Unit : FDT71VH

Outdoor Unit : FDC71VNX-W

R32

Specifications

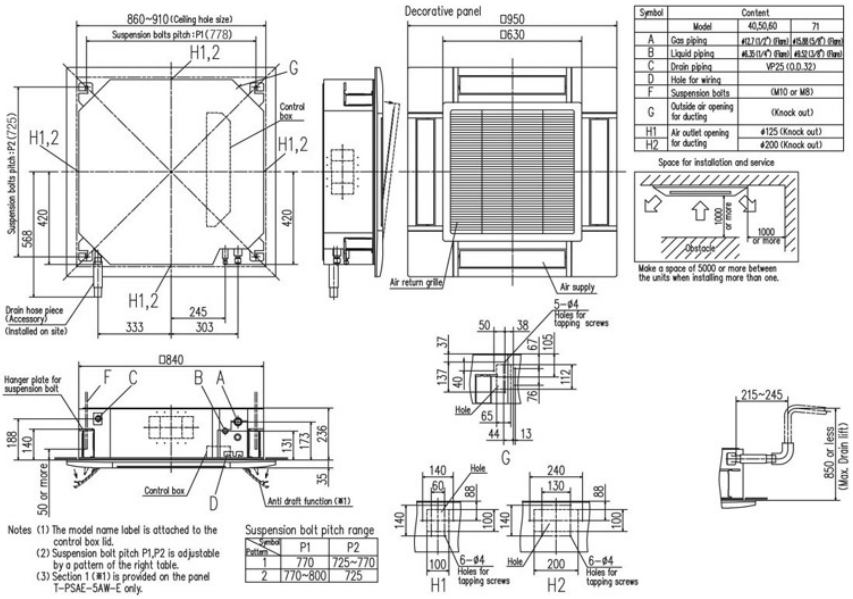
Indoor unit				FDT71VH
Outdoor unit				FDC71VNX-W
Power source				1 Phase 220-240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)			kW	7.1 (3.2 ~ 8.0)
Nominal heating capacity (Min~Max)			kW	8.0 (3.6 ~ 9.0)
Power consumption		Cooling/Heating	kW	1.69 / 1.75
EER/COP		Cooling/Heating		4.20 / 4.58
Inrush current			A	5
Max. running current			A	19.1
Sound power level*1	Indoor	Cooling/Heating	dB(A)	59 / 60
	Outdoor	Cooling/Heating		66 / 66
Sound pressure level*1	Indoor	Cooling (Hi/Me/Lo/Ulo)		46 / 34 / 31 / 26
		Heating (Hi/Me/Lo/Ulo)		46 / 34 / 31 / 26
	Outdoor	Cooling/Heating		51 / 51
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m^3/min	28 / 18 / 15 / 12
		Heating (Hi/Me/Lo/Ulo)		28 / 18 / 15 / 12
	Outdoor	Cooling/Heating		60 / 50
Exterior Dimensions	Indoor	Height x Width x Depth	mm	Unit: 236 x 840 x 840 Panel: 35 x 950 x 950
	Outdoor			750 x 880(+88) x 340
Net weight	Indoor / Outdoor		kg	26(Unit:21 Standard Panel:5) / 60
Refrigerant		Type/GWP		R32/675
Refrigerant		Charge	kg/TCO2Eq	2.75/1.86
Refrigerant piping size		Liquid/Gas	ø mm	9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length			m	Max. 50
Vertical height differences		Outdoor is higher/lower	m	Max.30 / Max.15
Outdoor operating temperature range		Cooling*2	°C	-15~50
		Heating		-20~20
Panel				White: T-PSA-5BW-E, T-PSAE-5BW-E / Black: T-PSA-5BB-E, T-PSAE-5BB-E
Air filter quantity				Pocket plastic net x 1(Washable)
Remote control (option)				White: RCN-T-5BW-E2 / Black: RCN-T-5BB-E2
Energy Class (Cooling/Heating)				A++/A++
SEER				7.60
SCOP (Average climate)				4.61
Pdesign (cooling/heating(@-10°C))			kW	7.1/5.8
Annual Electricity Consumption (cooling/heating)			kWh/a	327/1762
Designated Heating Season				Average

The data is measured under the following conditions (ISO-T1).
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.

1. : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
2. : If a cooling operation is conducted when the outdoor air temperature is –5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

Schematics

Indoor units: FDT40VH, 50VH, 60VH, 71VH

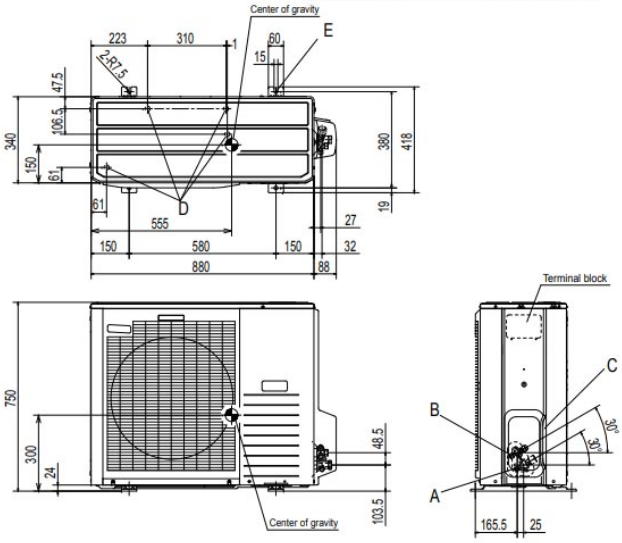


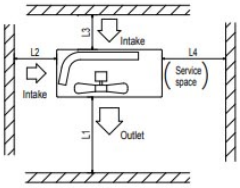
Unit: mm

Models FDC71VNX-W

Symbol	Content	
A	Service valve connection (gas side)	ϕ15.88 (5/8") (Flare)
B	Service valve connection (liquid side)	ϕ9.52 (3/8") (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ϕ20×4 places
E	Anchor bolt hole	M10×4 places

Notes
(1) It must not be surrounded by walls on the four sides.
(2) The unit must be fixed with anchor bolts. An anchor bolt must not protrude more the 15mm.
(3) Where the unit is subject to strong winds, lay it in such a direction that the blower outlet faces perpendicularly to the dominant wind direction.
(4) Leave 1m or more space above the unit.
(5) A wall in front of the blower outlet must not exceed the units height.
(6) The model name label is attached on the lower right corner of the front.





Minimum installation space

Examples of installation / Dimensions	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250