

## FDT125VNAWVH

12.5 ( 5.0 ~ 14.0 )

Indoor Unit : FDT125VH

Outdoor Unit : FDC125VNA-W

### Specifications

R32

Indoor unit			FDT125VH
Outdoor unit			FDC125VNA-W
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)		kW	12.5 ( 5.0 ~ 14.0 )
Nominal heating capacity (Min~Max)		kW	14.0 ( 4.0 ~ 16.0 )
Power consumption	Cooling/Heating	kW	4.05 / 3.59
EER/COP	Cooling/Heating		3.09 / 3.90
Inrush current		A	5
Max. running current		A	24
Sound power level* <sup>1</sup>	Indoor	Cooling/Heating	63 / 64
	Outdoor	Cooling/Heating	71 / 71
Sound pressure level* <sup>1</sup>	Indoor	Cooling (Hi/Me/Lo/Ulo)	48 / 41 / 39 / 31
		Heating (Hi/Me/Lo/Ulo)	48 / 41 / 38 / 31
	Outdoor	Cooling/Heating	54 / 56
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	38 / 28 / 25 / 18
		Heating (Hi/Me/Lo/Ulo)	38 / 28 / 25 / 18
	Outdoor	Cooling/Heating	75 / 73
Exterior Dimensions	Indoor	Height x Width x Depth	mm
	Outdoor		
Net weight	Indoor / Outdoor	kg	30(Unit:25 Standard Panel:5) / 77
Refrigerant	Type/GWP		R32/675
Refrigerant piping size	Liquid/Gas	mm (ø inch)	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.50 / Max.15
Outdoor operating temperature range	Cooling* <sup>2</sup>	°C	-15~50
	Heating		-20~20
Panel			T-PSA-5BW-E, T-PSAE-5BW-E (White) / T-PSA-5BB-E, T-PSAE-5BB-E (Black)
Air filter quantity			Pocket plastic net x 1(Washable)
Remote control (option)			wired: RC-EX3A, RC-E5, RCH-E3 wireless: RCN-T-5BW-E2, RCN-T-5BB-E2
SEER			6.53
SCOP (Average climate)			4.38

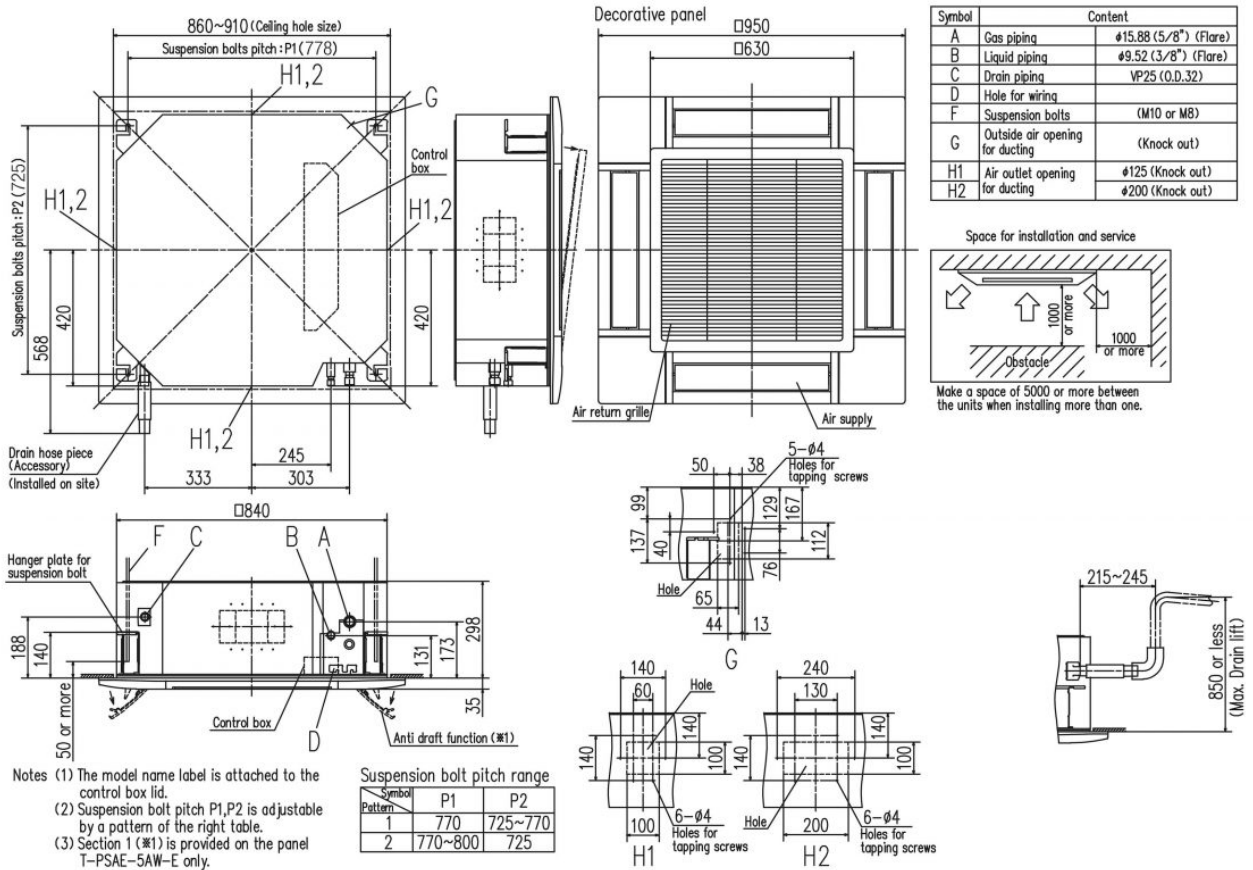
The data is measured under the following conditions (ISO-T1).

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.

- : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- : 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.
- : The values are for one indoor unit operation. (Multi system only)

# Schematics

Models FDT100VH, 125VH, 140VH



FDC100VNA-W, 125VNA-W, 140VNA-W, 100VSA-W, 125VSA-W, 140VSA-W  
 FDC100VNA, 125VNA, 140VNA, 100VSA, 125VSA, 140VSA

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	φ20×3places
E	Anchor bolt hole	M10×4places
F	Cable draw-out hole	φ30×3places

- 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 than 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 panel.

