



FDT100VNAWPVH

10.0 (4.0 ~ 11.2)

Indoor Unit : FDT50VH x 2

Outdoor Unit : FDC100VNA-W

Specifications

R32

Indoor unit		FDT50VH x 2		
Outdoor unit		FDC100VNA-W		
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min-Max)		kW	10.0 (4.0 ~ 11.2)	
Nominal heating capacity (Min-Max)		kW	11.2 (4.0 ~ 12.5)	
Power Consumption		Cooling/Heating	kW	2.82 / 2.73
EER/COP		Cooling/Heating	kW	3.55 / 3.88
Inrush current			A	5
Max. current			A	24
Sound power level* ¹	Indoor* ³	Cooling/Heating	dB(A)	55 / 56
	Outdoor	Sound power level	dB(A)	69 / 70
Sound pressure level* ¹	Indoor* ³	Cooling (P-Hi/Hi/Me/Lo)	dB(A)	41 / 33 / 30 / 26
	Indoor	Heating (P-Hi/Hi/Me/Lo)	dB(A)	42 / 33 / 28 / 20
	Outdoor	Cooling/Heating	dB(A)	54 / 55
Air flow	Indoor* ³	Cooling (P-Hi/Hi/Me/Lo)	m ³ /min	22 / 16 / 13 / 10
	Indoor	Heating (P-Hi/Hi/Me/Lo)	m ³ /min	22 / 16 / 13 / 10
	Outdoor	Cooling/Heating	m ³ /min	75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	Unit: 236 x 840 x 840 Panel: 35 x 950 x 950
	Outdoor		mm	845 x 970 x 370
Net weight		Indoor/Outdoor	kg	24(Unit:19 Standard Panel:5) / 77
Refrigerant charge			kg/TCO ₂ E _q	3.3/2.228
Refrigerant Type GWP				R32/675
Ref.piping size	Liquid/Gas		ømm	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* ²		°C	-15~50
	Heating		°C	-20~20
Panel				T-PSA-5AW-E, T-PSAE-5AW-E
Air filter, Q'ty				Pocket plastic net x 1(Washable)
Remote control (option)				wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-T-5AW-E2
Energy Class (Cooling/Heating)				A+ +/A+
SEER				7.41
SCOP (Average climate)				4.47
Pdesign (cooling/heating(@-10°C))				10.0/8.5
Annual Electricity Consumption				473/2665
Designated Heating Season				Average

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

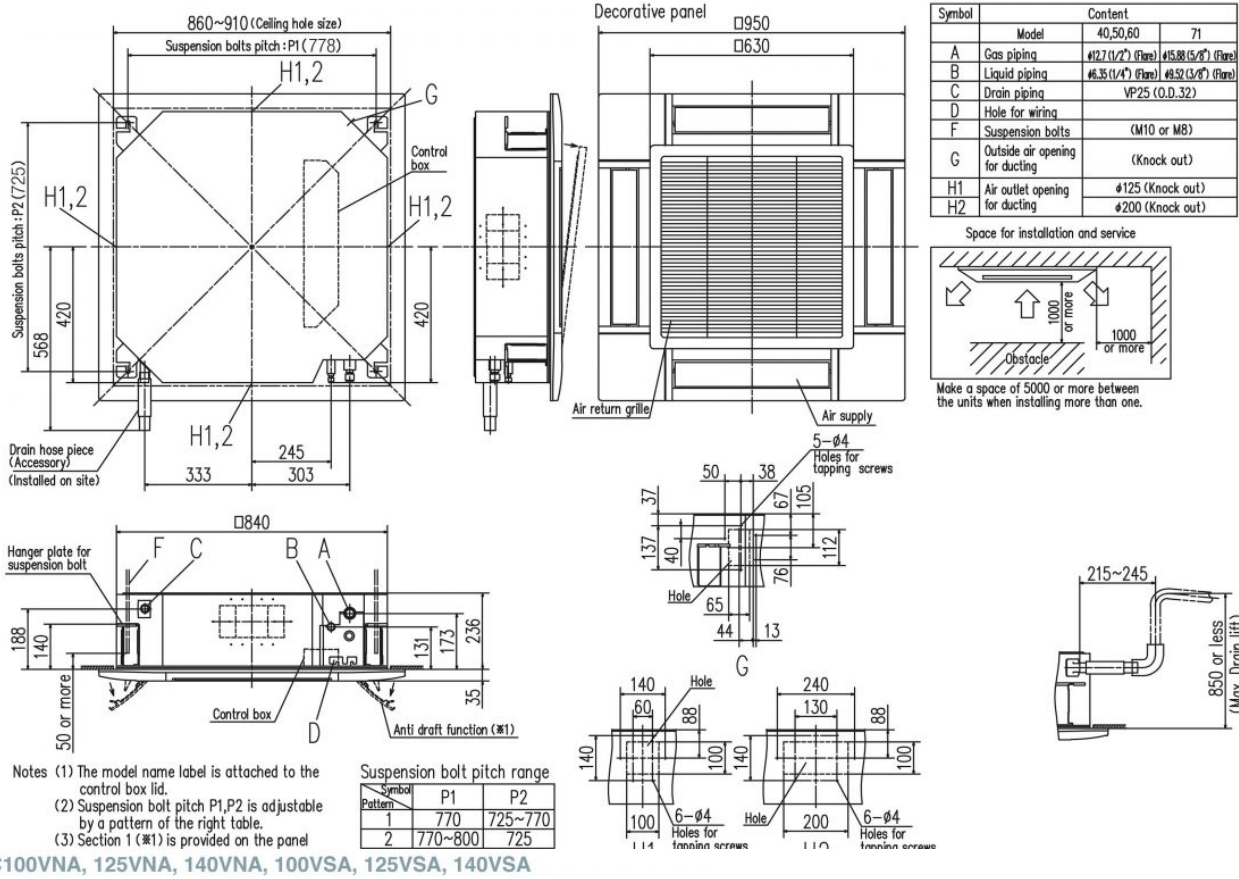
Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*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

*3: The values are for one indoor unit operation. (Multi system only)

Schematics



FDC100VNA, 125VNA, 140VNA, 100VSA, 125VSA, 140VSA

