



## FDT71VNPWWH

7.1 ( 1.5 ~ 7.3 )

Indoor Unit : FDT71VH

Outdoor Unit : FDC71VNP-W

### Specifications

R32

Indoor unit			FDT71VH
Outdoor unit			FDC71VNP-W
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz
Nominal cooling capacity (Min~Max)		kW	7.1 ( 1.5 ~ 7.3 )
Nominal heating capacity (Min~Max)		kW	7.1 ( 1.1 ~ 7.3 )
Power consumption	Cooling/Heating	kW	2.31 / 1.73
EER/COP	Cooling/Heating		3.07 / 4.10
Inrush current		A	5
Max. running current		A	15.8
Sound power level*1	Indoor	Cooling/Heating	59 / 60
	Outdoor	Cooling/Heating	67 / 67
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	54 / 54
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	28 / 18 / 15 / 12
		Heating (Hi/Me/Lo/Ulo)	28 / 18 / 15 / 12
	Outdoor	Cooling/Heating	42 / 42
Exterior Dimensions	Indoor	Height x Width x Depth	Unit: 236 x 840 x 840 Panel: 35 x 950 x 950
	Outdoor		640 x 800(+71) x 290
Net weight	Indoor / Outdoor		kg 26(Unit:21 Standard Panel:5) / 45
Refrigerant	Type/GWP		R32/675
Refrigerant	Charge	kg/TCO2Eq	1.3/0.878
Refrigerant piping size	Liquid/Gas	ø mm	6.35(1/4") / 12.7(1/2")
Refrigerant line (one way) length		m	Max.30
Vertical height differences	Outdoor is higher/lower	m	Max.20 / Max.20
Outdoor operating temperature range	Cooling*2	°C	-15~46
	Heating		-15~20
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
Energy Class (Cooling/Heating)			A+ ++/A+
SEER			6.34
SCOP (Average climate)			4.38
Pdesign (cooling/heating(@-10°C))		kW	7.1/5.7
Annual Electricity Consumption (cooling/heating)		kWh/a	393/1822
Designated Heating Season			Average

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

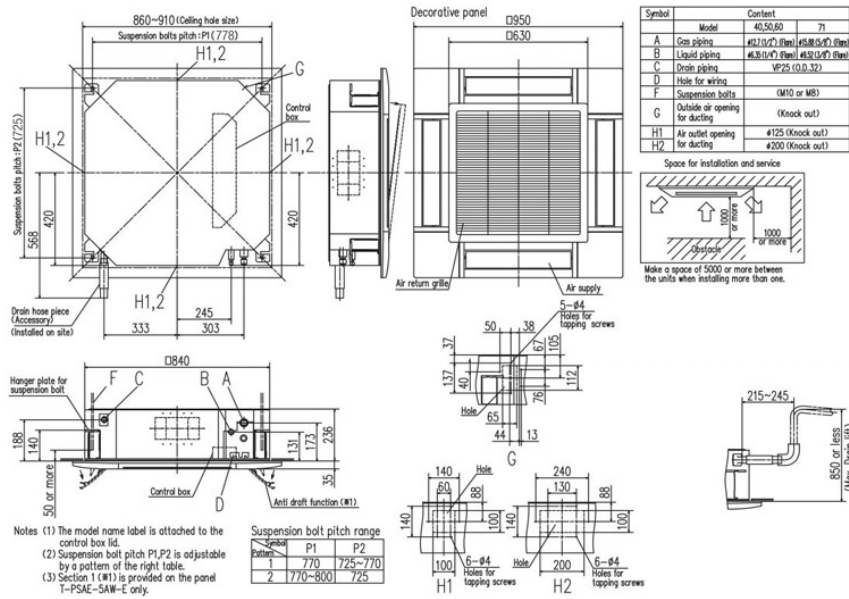
Cooling: Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating: Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

\*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.

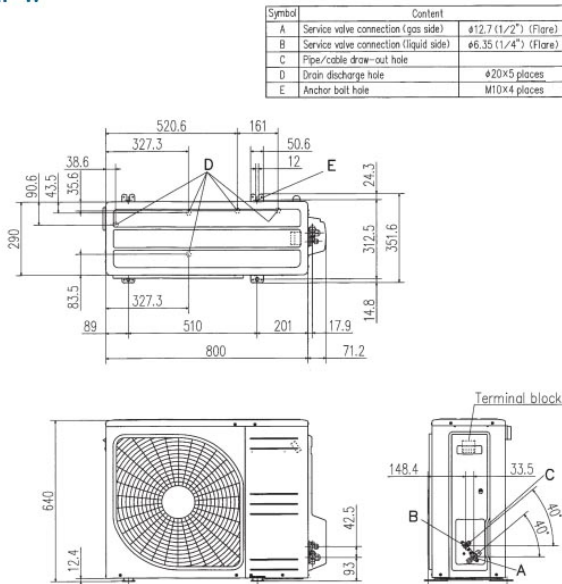
# Schematics

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



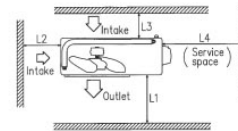
Unit: mm

## Models FDC71VNP-W



Notes

- It must not be surrounded by walls on the four sides.
- The unit must be fixed with anchor bolts. An anchor bolt must not protrude more than 15mm.
- 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.
- Leave 1m or more space above the unit.
- A wall in front of the blower outlet must not exceed the units height.
- The model name label is attached on the lower right corner of the front panel.



Minimum installation space

Examples of installation Dimensions	Minimum installation space			
	I	II	III	IV
L1	Open	280	280	180
L2	100	75	Open	Open
L3	100	80	80	80
L4	250	Open	250	Open