



FDE71VNXWVH

7.1 (3.2 ~ 8.0)

Indoor Unit : FDE71VH

Outdoor Unit : FDC71VNX-W

Specifications

R32

Indoor unit			FDE71VH
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	1.87 / 1.87
EER/COP	Cooling/Heating		3.80 / 4.28
Inrush current		A	5
Max. running current		A	19.1
Sound power level*1	Indoor	Cooling/Heating	60 / 60
	Outdoor	Cooling/Heating	66 / 66
Sound pressure level*1	Indoor	Cooling (Hi/Me/Lo/Ulo)	47 / 41 / 37 / 32
		Heating (Hi/Me/Lo/Ulo)	47 / 41 / 37 / 32
	Outdoor	Cooling/Heating	51 / 51
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	20 / 16 / 13 / 10
		Heating (Hi/Me/Lo/Ulo)	20 / 16 / 13 / 10
	Outdoor	Cooling/Heating	60 / 50
Exterior Dimensions	Indoor	Height x Width x Depth	210 x 1,320 x 690
	Outdoor		750 x 880(+88) x 340
Net weight	Indoor / Outdoor	kg	33 / 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
Air filter quantity			Pocket Plastic net x2(Washable)
Remote control (option)			wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-E-E3
Energy Class (Cooling/Heating)			A+ +/A+
SEER			6.58
SCOP (Average climate)			4.45
Pdesign (cooling/heating(@-10°C))		kW	7.1/6.0
Annual Electricity Consumption (cooling/heating)		kWh/a	378/1889
Designated Heating Season			Average

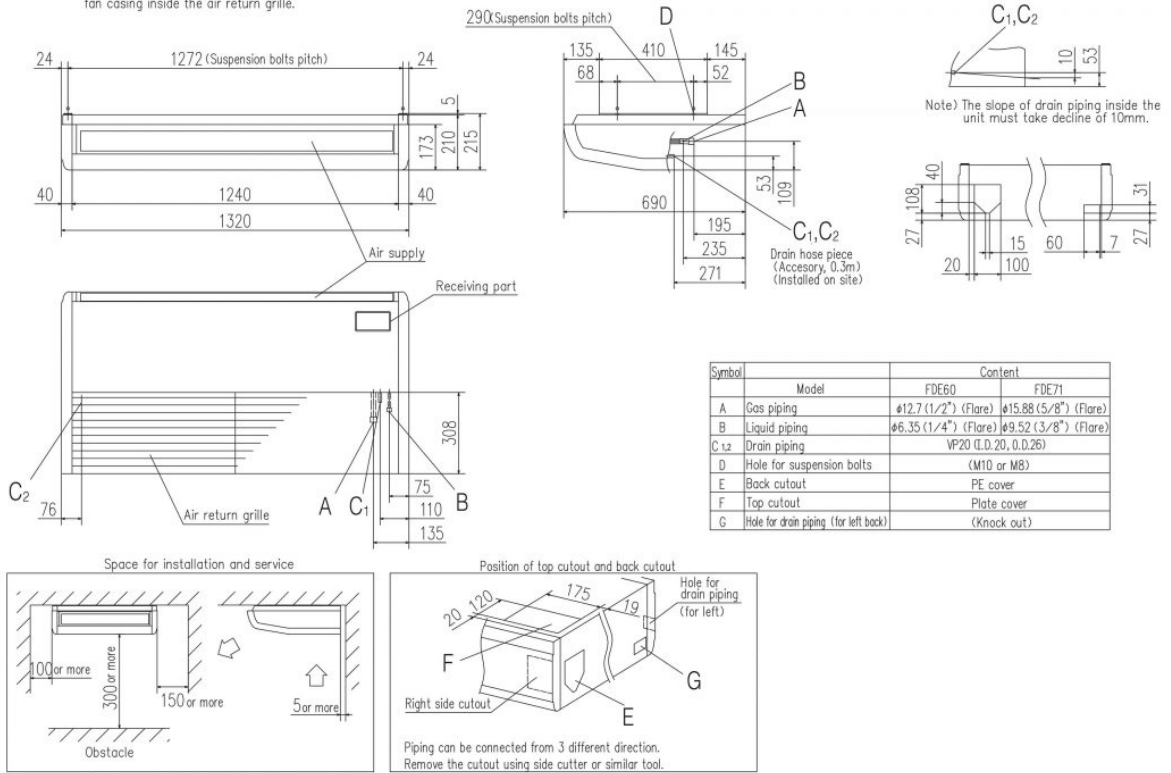
The data is measured under the following conditions (ISO-T1).

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.

- : 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.

Schematics

Note (1) The model name label is attached on the fan casing inside the air return grille.

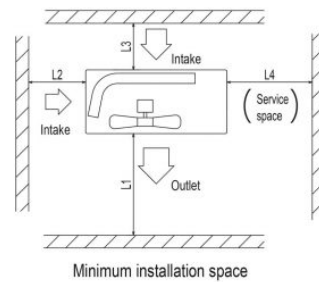
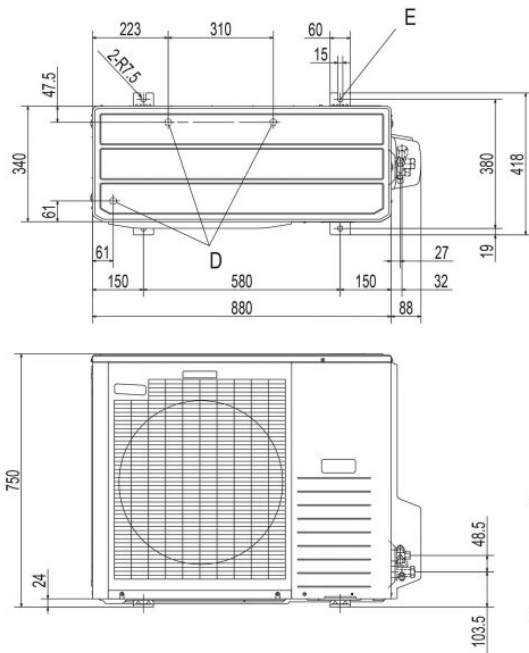


Make a space of 4500 or more between the units when installing more than one.

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

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 panel.



Dimensions	I	II	III
L1	Open	Open	500
L2	300	250	Open
L3	100	150	100
L4	250	250	250