



FDUM100VF2

Standard Inverter Ducted

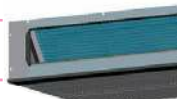


Thin Design

The height of all FDUM models is only 280mm

70mm less

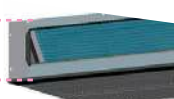
H 350
H 280



FDUM100/125/140VF

19mm less

H 299
H 280



FDUM40/50/60/71VF

Wired remote control (option)



RC-EX3



RC-E5



RCH-E3

Wireless remote control (option)



RCN-KIT4-E2



RCN-KIT4-E2

Filter Kit (option)



UM-FL1EF : for 40, 50

UM-FL2EF : for 60, 71

UM-FL3EF : for 100, 125, 140



71VNP



100VNP

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



SPECIFICATIONS

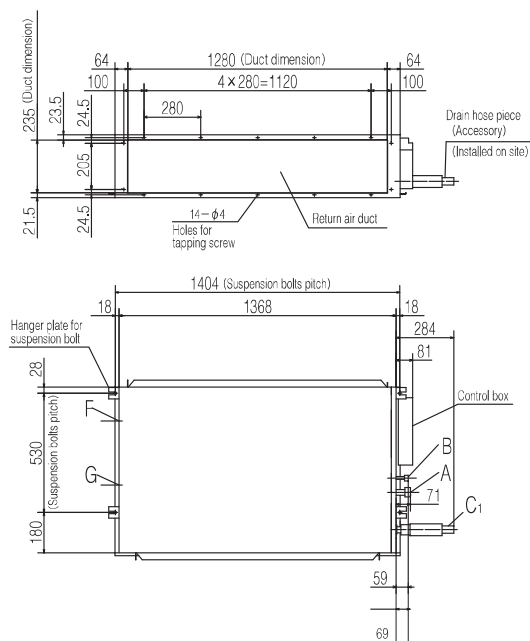
			Standard Inverter		
Set model name			FDUM71VNPVF1	FDUM90VNPVF2	FDUM100VNP1VF2
Indoor unit			FDUM71VF1	FDUM100VF2	FDUM100VF2
Outdoor unit			FDC71VNP	FDC90VNP	FDC100VNP
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)			kW 7.1 (1.4 ~ 7.1)	9.0 (1.9 ~ 9.0)	10.0 (2.8 ~ 11.2)
Nominal heating capacity (Min~Max)			kW 7.1 (1.0 ~ 7.1)	9.0 (1.5 ~ 9.0)	11.2 (2.5 ~ 12.5)
Power consumption	Cooling/Heating	kW	2.63 / 1.96	2.65 / 2.25	3.00 / 2.93
EER/COP	Cooling/Heating		2.70 / 3.62	3.40 / 4.00	3.33 / 3.82
Inrush current		A	5	5	5
Max. current			14.5	18.0	22.0
Sound power level*1	Indoor	dB(A)	Cooling/Heating	65 / 65	65 / 65
	Outdoor		Cooling/Heating	67 / 67	69 / 69
Sound pressure level*1 ※2	Indoor		Cooling (Hi/Me/Lo)	33 / 29 / 25	38 / 36 / 30
			Heating (Hi/Me/Lo)	33 / 29 / 25	38 / 36 / 30
	Outdoor		Cooling/Heating	54 / 54	57 / 55
			Cooling (Hi/Me/Lo)	19 / 15 / 10	28 / 25 / 19
Air flow ※2	Indoor	m³/min	Heating (Hi/Me/Lo)	19 / 15 / 10	28 / 25 / 19
			Cooling/Heating	36 / 36	63 / 49.5
	Outdoor			75 / 79	
External static pressure*3			Pa	Standard:35 Max:200 Standard:60 Max:100	
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	280 x 950 x 635 280 x 1,370 x 740	
	Outdoor		640 x 800(+71) x 290	750 x 880(+88) x 340	845 x 970 x 370
Net weight	Indoor		kg	34 54	
	Outdoor		45	57	70
Ref.piping size	Liquid/Gas	ømm	6.35(1/4") / 12.7(1/2") 6.35(1/4") / 15.88(5/8") 9.52(3/8") / 15.88(5/8")		
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	°C	-15~46*4		
	Heating		-15~20		
Air filter			Filter kit : UM-FL2EF / UM-FL3EF (option)		
Remote control (option)			wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-KIT4-E2		



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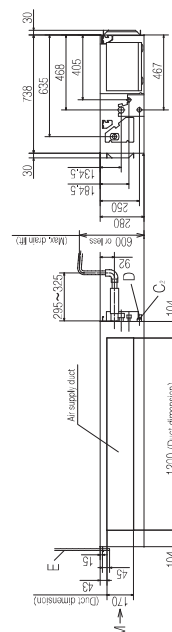
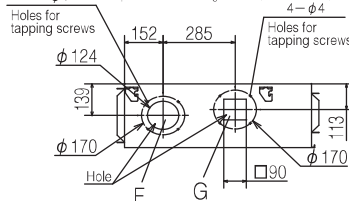
FDUM100VF2 Indoor Unit



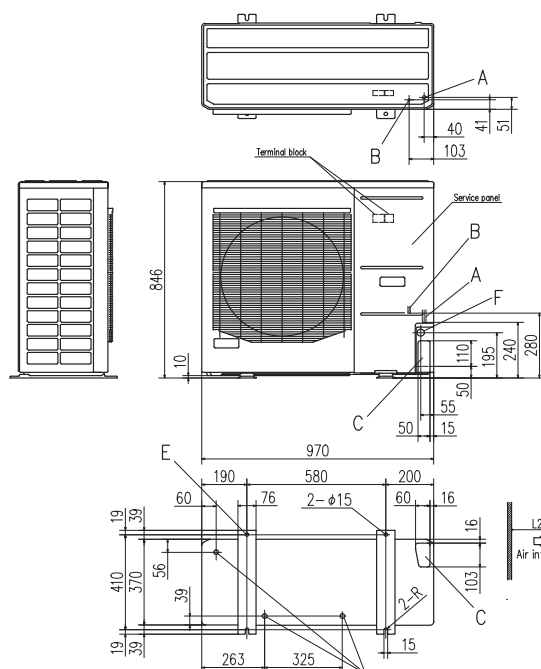
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Drain piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26 or VP26 (Used with attached socket I.D. 26, O.D. 34) Note (2))
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26 or VP26 (Used with attached socket I.D. 26, O.D. 34))
D	Hole for wiring
E	Suspension bolts (M10)
F	Outside air opening for ducting ($\phi 150$) (Knock out)
G	Air outlet opening for ducting ($\phi 125$) (Knock out)
H	Inspection hole (450X450)

Notes (1) The model name label is attached on the lid of the control box.

— $\phi 4$ (2) Prepare the connecting socket (VP20 or VP25) on site.



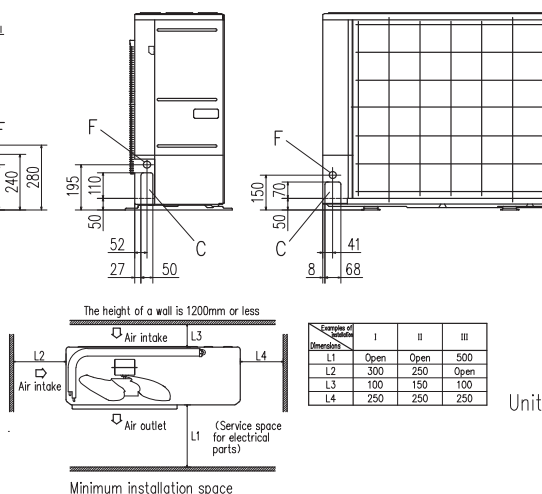
FDC100VNP Outdoor Unit



Symbol	Content
A	Service valve connection (gas side) $\phi 15.88$ (5/8") (Flare)
B	Service valve connection (liquid side) $\phi 9.52$ (3/8") (Flare)
C	Pipe/cable draw-out hole
D	Drain discharge hole $\phi 20 \times 3$ places
E	Anchor bolt hole $M10 \times 4$ places
F	Cable draw-out hole $\phi 30 \times 3$ places

Notes

- (1) The unit 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 face is perpendicular 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 service panel.



Unit: mm