



FDUM100VF2

Standard Inverter Ducted



Thin Design

The height of all FDUM models is only 280mm

70mm less

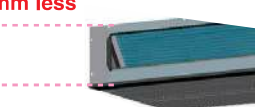
H 350
H 280



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



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

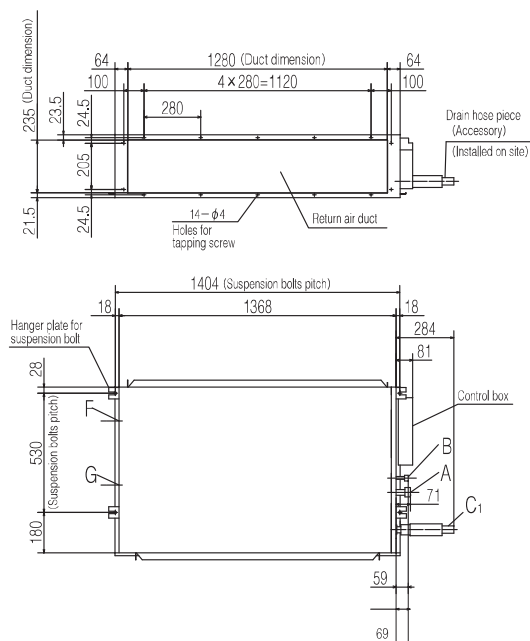
				Standard Inverter		
Set model name				FDUM71VNPVF1	FDUM90VNPVF2	FDUM100VNP1VF2
Indoor unit				FDUM71VF1	FDUM100VF2	FDUM100VF2
Outdoor unit				FDC71VNP	FDC90VNP	FDC100VNP
Power source				1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)				kW 7.1 (1.4 ~ 7.1)	9.0 (1.9 ~ 9.0)	10.0 (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	Cooling/Heating	dB(A)	65 / 65	65 / 65	65 / 65
	Outdoor	Cooling/Heating		67 / 67	69 / 69	70 / 70
Sound pressure level*1 ※2	Indoor	Cooling (Hi/Me/Lo)		33 / 29 / 25	38 / 36 / 30	38 / 36 / 30
	Outdoor	Heating (Hi/Me/Lo)		33 / 29 / 25	38 / 36 / 30	38 / 36 / 30
Air flow ※2	Indoor	Cooling/Heating		54 / 54	57 / 55	57 / 61
		Cooling (Hi/Me/Lo)		19 / 15 / 10	28 / 25 / 19	28 / 25 / 19
	Outdoor	Heating (Hi/Me/Lo)	19 / 15 / 10	28 / 25 / 19	28 / 25 / 19	
			36 / 36	63 / 49.5	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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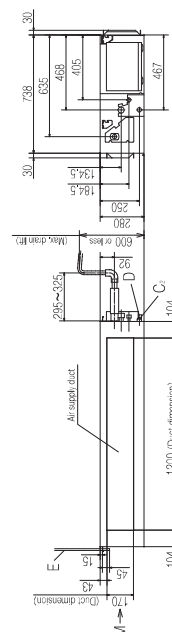
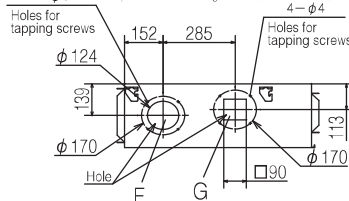
FDUM100VF2 Indoor Unit



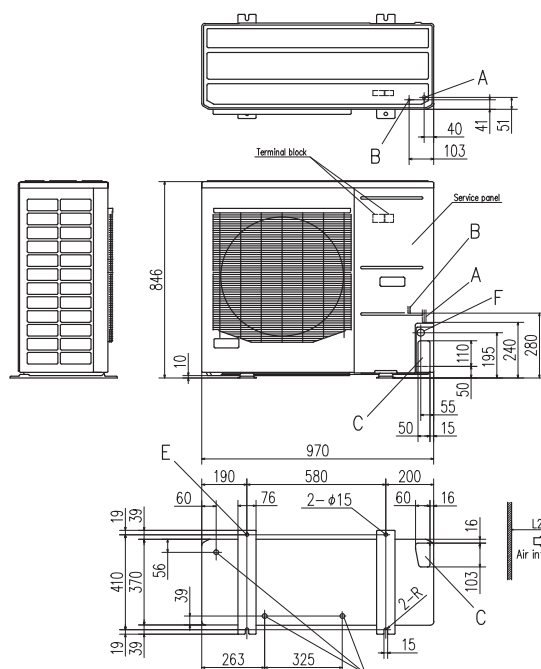
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Liquid piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached socket I.D. 25, O.D. 34) Note (2)
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached socket I.D. 25, 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.

(2) Prepare the connecting socket (VF20 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) 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 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 unit's height.
(6) The model name label is attached on the service panel.

