



FDUM71VF1

Hyper Inverter Ducted



Thin Design

The height of all FDUM models is only 280mm

70mm less

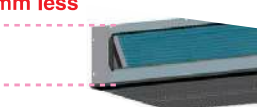
H 350
H 280



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)



NEW



RCN-KIT4-E2

Filter Kit (option)



UM-FL1EF : for 40, 50

UM-FL2EF : for 60, 71

UM-FL3EF : for 100, 125, 140



40-60ZSX



71VNX



100~140VN(S)X

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



SPECIFICATIONS

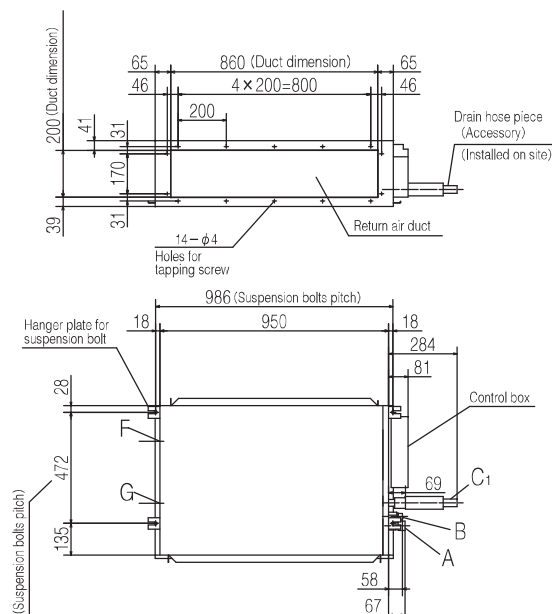
		Hyper Inverter					
Set model name		FDUM40ZSXVF	FDUM50ZSXVF	FDUM60ZSXVF	FDUM71VNXVF1	FDUM100VNXVF2	
Indoor unit		FDUM40VF	FDUM50VF	FDUM60VF	FDUM71VF1	FDUM100VF2	
Outdoor unit		SRC40ZSX-S	SRC50ZSX-S	SRC60ZSX-S	FDC71VNX	FDC100VNX	
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz					
Nominal cooling capacity (Min~Max)		kW 4.0 (1.1 ~ 4.7)	5.0 (1.1 ~ 5.6)	5.6 (1.1 ~ 6.3)	7.1 (3.2 ~ 8.0)	10.0 (4.0 ~ 11.2)	
Nominal heating capacity (Min~Max)		kW 4.5 (0.6 ~ 5.4)	5.4 (0.6 ~ 6.3)	6.7 (0.6 ~ 7.1)	8.0 (3.6 ~ 9.0)	11.2 (4.0 ~ 12.5)	
Power consumption		Cooling/Heating kW 0.952 / 1.07	1.38 / 1.45	1.54 / 1.75	2.03 / 1.99	2.68 / 3.02	
EER/COP		Cooling/Heating 4.20 / 4.21	3.62 / 3.72	3.64 / 3.83	3.50 / 4.02	3.73 / 3.71	
Inrush current		A	5	5	5	5	
Max. current			12	15	15	24	
Sound power level*1	Indoor	dB(A)	60 / 60	60 / 60	60 / 60	65 / 65	
	Outdoor		63 / 63	63 / 63	65 / 64	66 / 66	
Sound pressure level*1 ※1	Indoor		Cooling (Hi/Me/Lo)	32 / 29 / 26	32 / 29 / 26	31 / 28 / 25	33 / 29 / 25
			Heating (Hi/Me/Lo)	32 / 29 / 26	32 / 29 / 26	31 / 28 / 25	33 / 29 / 25
	Outdoor		Cooling/Heating	50 / 49	50 / 49	52 / 52	51 / 48
Air flow ※1	Indoor		Cooling (Hi/Me/Lo)	10 / 9 / 8	10 / 9 / 8	15 / 13 / 10	19 / 15 / 10
		Heating (Hi/Me/Lo)	10 / 9 / 8	10 / 9 / 8	15 / 13 / 10	19 / 15 / 10	
	Outdoor	Cooling/Heating	36 / 33	40 / 33	41.5 / 39	60 / 50	
External static pressure*3		Pa	Standard:35 Max:100				
Exterior dimensions	Indoor	HeightxWidthxDepth mm	280 x 750 x 635		280 x 950 x 635		
	Outdoor		640 x 800(+71) x 290		750 x 880(+88) x 340		
Net weight		Indoor	kg	29	34	54	
		Outdoor		45	60	105	
Ref.piping size		Liquid/Gas	ømm	6.35(1/4") / 12.7(1/2") 9.52(3/8") / 15.88(5/8")			
Refrigerant line (one way) length		m	Max.30 Max.50 Max.100				
Vertical height differences		Outdoor is higher/lower	m	Max.20 / Max.20 Max.30 / Max.15			
Outdoor operating temperature range		Cooling <td rowspan="2">°C</td> <td colspan="3">-15~46*4 -15~43*4</td>	°C	-15~46*4 -15~43*4			
		Heating <td colspan="3">-20~24 -20~20</td>		-20~24 -20~20			
Air filter		Filter kit : UM-FL1EF / UM-FL2EF / UM-FL3EF (option)					
Remote control (option)		wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-KIT4-E2					



FDUM71VF1

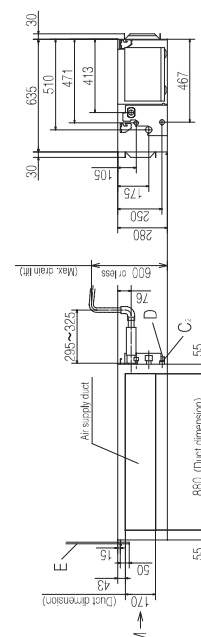
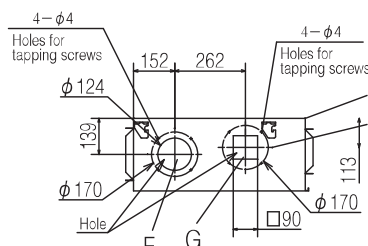
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FDUM71VF1 Indoor Unit



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 (VP20 or VP25) on site.

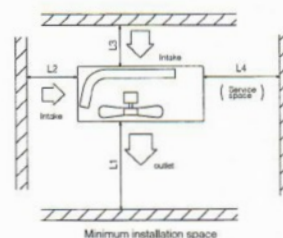
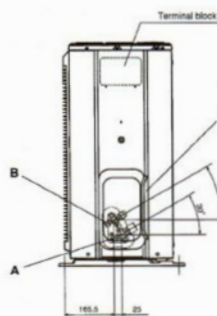
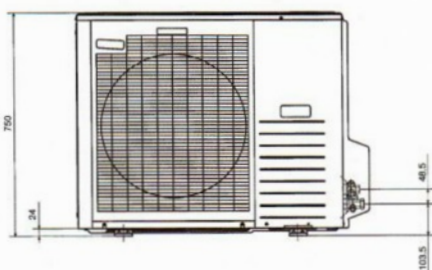
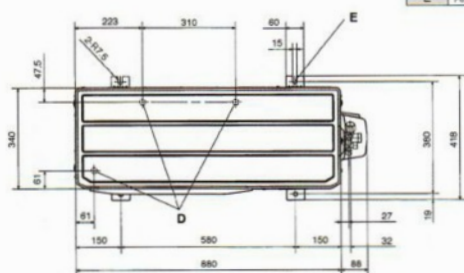


FDC71VNX Outdoor Unit

Mark	Item	
A	Service valve connection (gas side)	ø15.88(5/8) (Flare)
B	Service valve connection (liquid side)	ø9.52(3/8) (Flare)
C	Pipe/cable draw-out hole	
D	Drain discharge hole	ø20x3places
E	Anchor bolt hole	M10x4places

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.



Scenario/ Dimension	1	2	3
L ₁	Open	Open	500
L ₂	300	250	Open
L ₃	100	150	100
L ₄	250	250	250