



FDUM100VF2

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)



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



100~140VN(S)X

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



SPECIFICATIONS

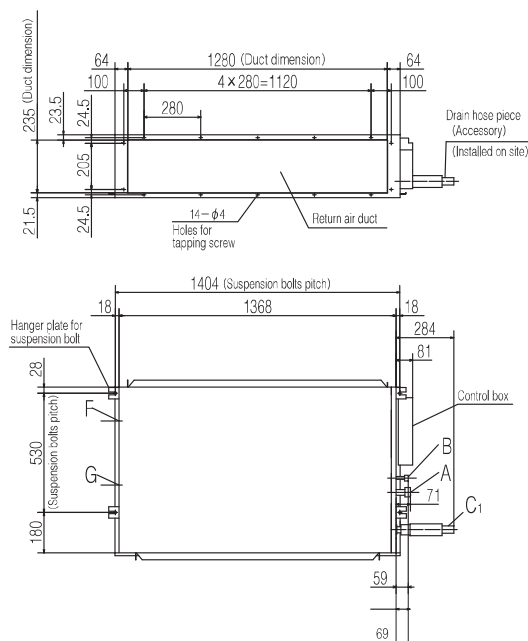
			Hyper Inverter						
Set model name			FDUM40ZSXVF	FDUM50ZSXVF	FDUM60ZSXVF	FDUM71VNXVF1	FDUM100VNXVF2		
Indoor unit			FDUM40VF	FDUM50VF	FDUM60VF	FDUM71VF1	FDUM100VF2		
Outdoor unit			SRC40ZSX-S	SRC50ZSX-S	SRC60ZSX-S	FDC71VNX	FDC100VNX		
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz						
Nominal 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	5		
Max. current			12	15	15	17	24		
Sound power level*1	Indoor	dB(A)	Cooling/Heating	60 / 60	60 / 60	60 / 60	65 / 65	65 / 65	
	Outdoor		Cooling/Heating	63 / 63	63 / 63	65 / 64	66 / 66	70 / 70	
Sound pressure level*1 ※1	Indoor		Cooling (Hi/Me/Lo)	32 / 29 / 26	32 / 29 / 26	31 / 28 / 25	33 / 29 / 25	38 / 36 / 30	
			Heating (Hi/Me/Lo)	32 / 29 / 26	32 / 29 / 26	31 / 28 / 25	33 / 29 / 25	38 / 36 / 30	
Air flow ※1	Indoor		Outdoor	Cooling/Heating	50 / 49	50 / 49	52 / 52	51 / 48	48 / 50
			Outdoor	Cooling (Hi/Me/Lo)	10 / 9 / 8	10 / 9 / 8	15 / 13 / 10	19 / 15 / 10	28 / 25 / 19
		Heating (Hi/Me/Lo)		10 / 9 / 8	10 / 9 / 8	15 / 13 / 10	19 / 15 / 10	28 / 25 / 19	
External static pressure*3		Pa	Standard:35 Max:100				Standard:60 Max:100		
Exterior dimensions	Indoor	HeightxWidthxDepth	mm 280 x 750 x 635		280 x 950 x 635		280 x 1,370 x 740		
	Outdoor		640 x 800(+71) x 290		750 x 880(+88) x 340		1,300 x 970 x 370		
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	℃	-15~46*4			-15~43*4			
	Heating		-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						



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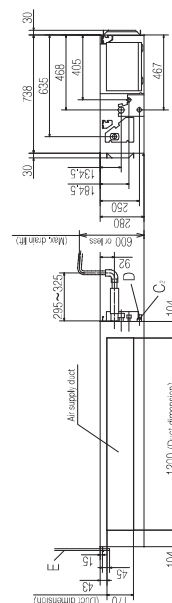
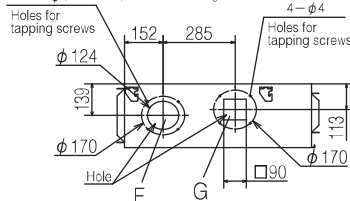
FDUM100VF2 Indoor Unit



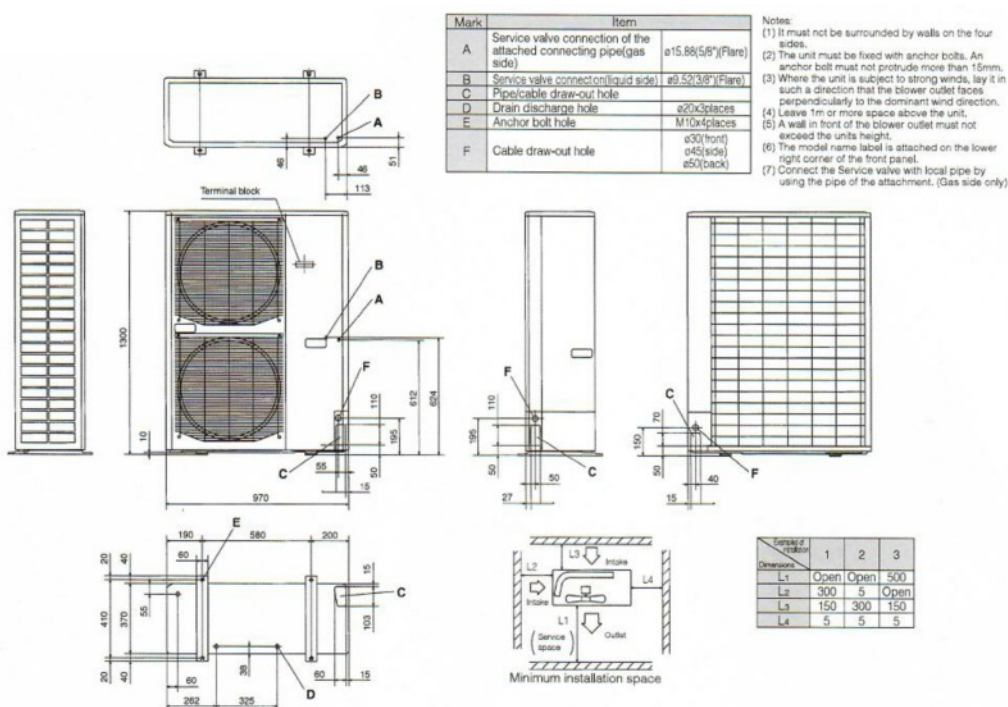
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Liquid piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached socket I.D. 25, O.D. 34) Note (2)
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached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



FDC100VNX Outdoor Unit



Mark	Item
A	Service valve connection of the attached connecting pipe (gas side) $\phi 15.88 (5/8")$ (Flare)
B	Service valve connection (liquid side) $\phi 9.52 (3/8")$ (Flare)
C	Pipeable draw-out hole $\phi 20$ (places)
D	Drain discharge hole $\phi 20$ (places)
E	Anchor bolt hole M10 (places)
F	Cable draw-out hole $\phi 30$ (front) $\phi 45$ (side) $\phi 50$ (back)

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 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 unit's height. (6) The model name label is attached on the lower right corner of the front panel. (7) Connect the Service valve with local pipe by using the pipe of the attachment. (Gas side only)

Dimension	1	2	3
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5