



FDUM140VF

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

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



100~140VN(S)X

SPECIFICATIONS

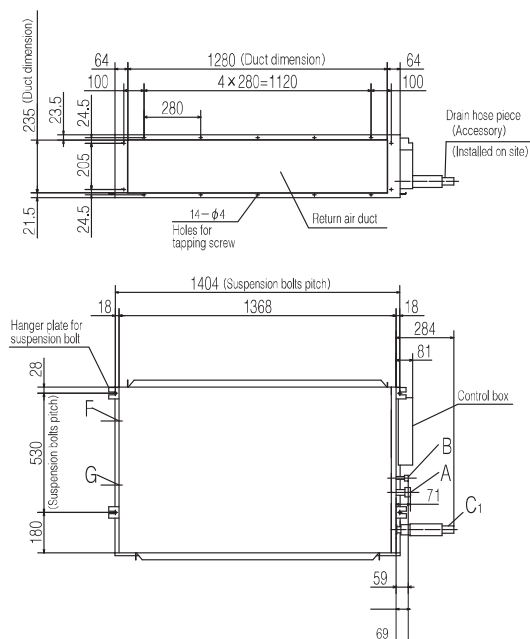
			Hyper Inverter						
Set model name			FDUM125VNXVF	FDUM140VNXVF	FDUM100VSXVF2	FDUM125VSXVF	FDUM140VSXVF		
Indoor unit			FDUM125VF	FDUM140VF	FDUM100VF2	FDUM125VF	FDUM140VF		
Outdoor unit			FDC125VNX	FDC140VNX	FDC100VSX	FDC125VSX	FDC140VSX		
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz		3 Phase 380-415V, 50Hz / 380V, 60Hz				
Nominal cooling capacity (Min~Max)			kW 12.5 (5.0 ~ 14.0)	14.0 (5.0 ~ 16.0)	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	14.0 (5.0 ~ 16.0)		
Nominal heating capacity (Min~Max)			kW 14.0 (4.0 ~ 17.0)	16.0 (4.0 ~ 18.0)	11.2 (4.0 ~ 16.0)	14.0 (4.0 ~ 18.0)	16.0 (4.0 ~ 20.0)		
Power consumption			Cooling/Heating kW 3.49 / 3.77	4.28 / 4.42	2.68 / 3.02	3.49 / 3.77	4.28 / 4.42		
EER/COP			Cooling/Heating 3.58 / 3.71	3.27 / 3.62	3.73 / 3.71	3.58 / 3.71	3.27 / 3.62		
Inrush current			A 5	5	5	5	5		
Max. current			A 26	26	15	15	15		
Sound power level*1	Indoor	Cooling/Heating	dB(A)	67 / 67	70 / 70	65 / 65	67 / 67	70 / 70	
	Outdoor	Cooling/Heating		70 / 70	72 / 72	70 / 70	70 / 70	72 / 72	
Sound pressure level*1 ※1	Indoor	Cooling (Hi/Me/Lo)		40 / 34 / 29	40 / 35 / 30	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30	
		Heating (Hi/Me/Lo)		40 / 34 / 29	40 / 35 / 30	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30	
	Outdoor	Cooling/Heating		48 / 50	49 / 52	48 / 50	48 / 50	49 / 52	
		Cooling (Hi/Me/Lo)		32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	
Air flow ※1	Indoor	Heating (Hi/Me/Lo)		m³/min	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22
	Outdoor	Cooling/Heating			100 / 100	100 / 100	100 / 100	100 / 100	100 / 100
External static pressure*3			Pa	Standard:60 Max:100					
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	280 x 1,370 x 740					
	Outdoor			1,300 x 970 x 370					
Net weight	Indoor		kg	54					
	Outdoor			105					
Ref.piping size Liquid/Gas			ømm	9.52(3/8") / 15.88(5/8")					
Refrigerant line (one way) length			m	Max.100					
Vertical height differences Outdoor is higher/lower			m	Max.30 / Max.15					
Outdoor operating temperature range	Cooling Heating		°C	-15~43*4					
				-20~20					
Air filter			Filter kit : UM-FL3EF (option)						
Remote control (option)			wired:RC-EX3, RC-E5, RCH-E3, wireless:RCN-KIT4-E2						



FDUM140VF

Hyper Inverter Ducted

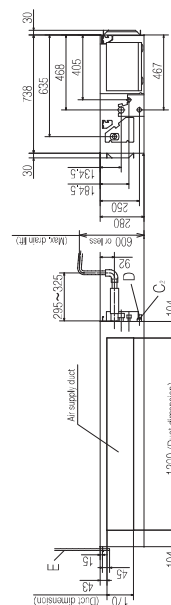
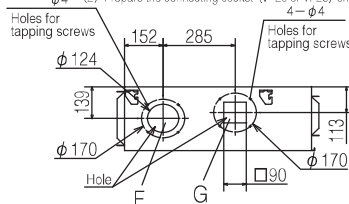
FDUM140VF Indoor Unit



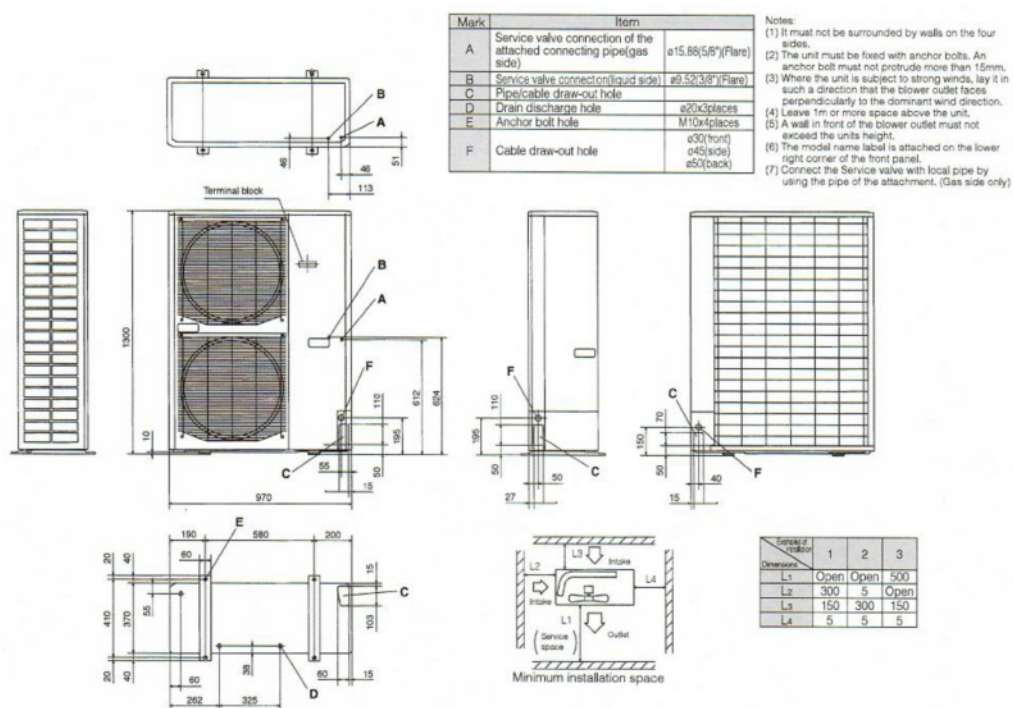
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Drain piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26 or VP25 (Used with attached socket I.D. 25, O.D. 34) Note (2))
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26 or VP25 (Used with attached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

H	Inspection note	(450X450)
Notes (1) The model name label is attached on the lid of the control box		

—φ4 (2) Prepare the connecting socket (V²20 or VP25) on site.



FDC140VNX Outdoor Unit



Bedford

01234 272 702

Birmingham

01213 136 720

Bristol

01454 456 430

Fareham

01329 443 515

Glasgow

01414 201 606

Leeds

01132 775 000

Merton

0208 544 1010

Gateshead

01913 896 482

Norwich

01603 409 616

Sheffield

01142 448 222

Slough

01753 495 710

Swanley

01322 614 811

Walthamstow

02085 319 321

Warrington

01925 837 688