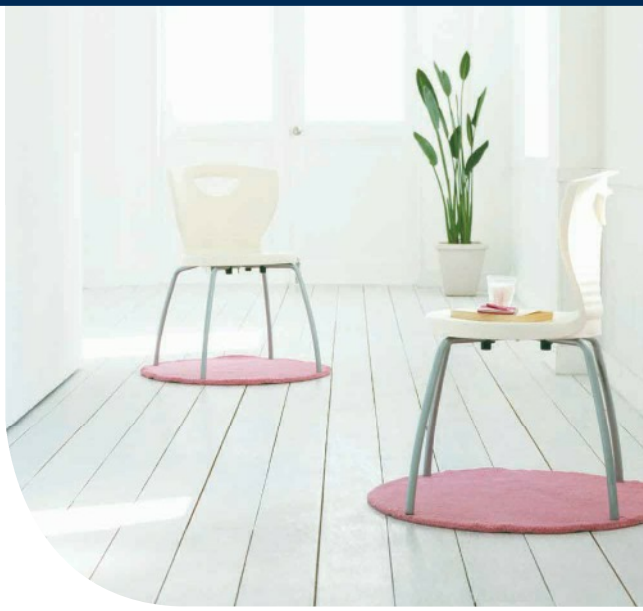
R410A

FDUM125VF

Hyper Inverter Ducted



Thin Design

The height of all FDUM models is only 280mm.

70mm less

FDUM100/125/140VF

19mm less

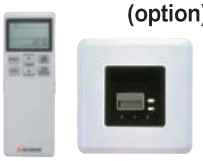
FDUM40/50/60/71VF

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

100~140VN(S)X

FUNCTIONS

Energy saving

Clean operation & Filter

Comfort & Convenience

Others

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				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
Air flow ※1	Indoor	Cooling (Hi/Me/Lo)	m^3/min	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22
		Heating (Hi/Me/Lo)		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		°C	-15~43*4				
	Heating			-20~20				
Air filter				Filter kit : UM-FL3EF (option)				
Remote control (option)				wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-KIT4-E2				

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FDUM125VF

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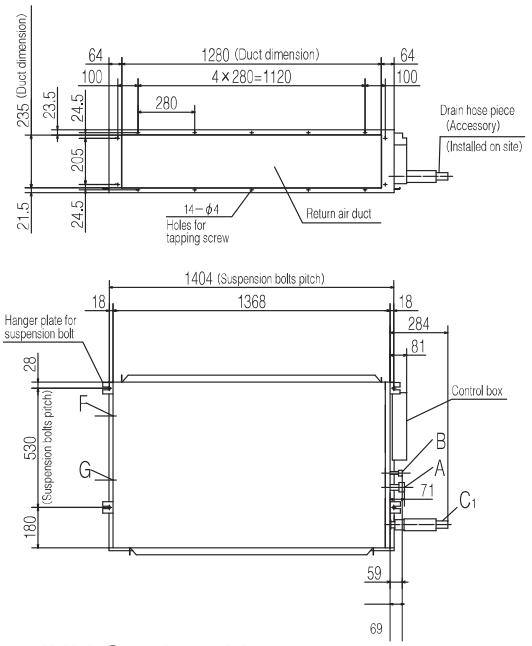
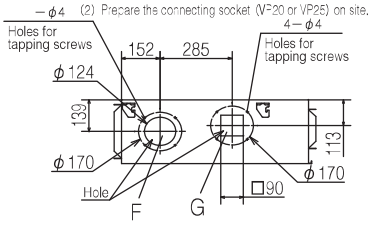
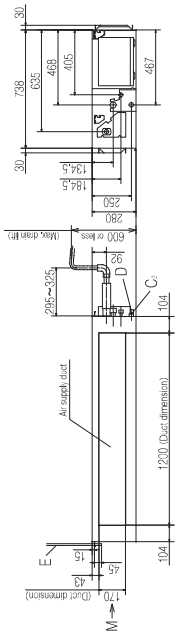
FDUM125VF Indoor Unit



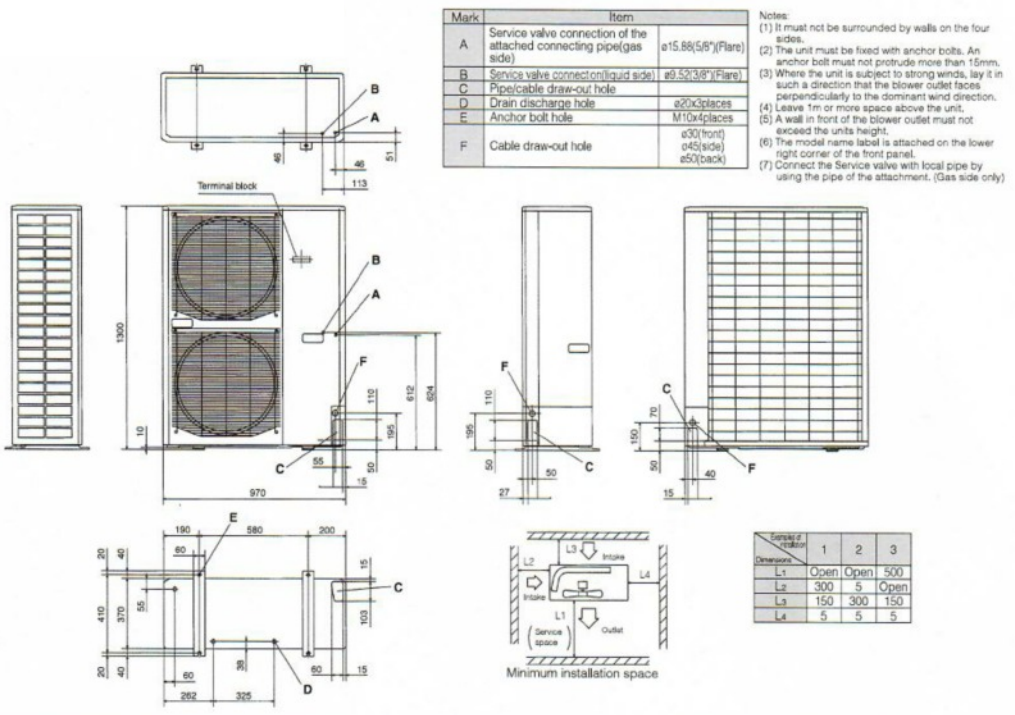
Symbol	Content	
A	Gas piping	φ15.88 (5/8") (Flare)
B	Liquid piping	φ9.52 (3/8") 8Flare)
C1	Drain piping	VP20 (standard:I.D.20, O.D.26) or VP25 (Used with attached socket I.D.25, O.D.34) Note (2)
C2	Drain piping (Gravity drainage)	VP20 (standard:I.D.20, O.D.26) or VP25 (Used with attached socket:I.D.25, O.D.34)
D	Hole for wiring	
E	Suspension bolts	(M10)
F	Outside air opening for ducting	(φ150) (Knock out)
G	Air outlet opening for ducting	(φ125) (Knock out)
H	Inspection hole	(450X450)

Notes (1) The model name label is attached on the lid of the control box.
(2) Prepare this connecting socket (VP20 or VP25) on site.





FDC125VNX Outdoor Unit



Mark	Item	
A	Service valve connection of the attached connecting pipe(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
F	Cable draw-out hole	ø30(front) ø45(side) ø50(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 units 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)

Examples of installation / Dimensions	1	2	3
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5