



FDUM140VF

Micro Inverter Ducted

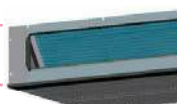


Thin Design

The height of all FDUM models is only 280mm

70mm less

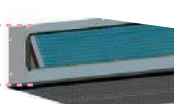
H 350
H 280



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

100~140VN(S)

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



SPECIFICATIONS

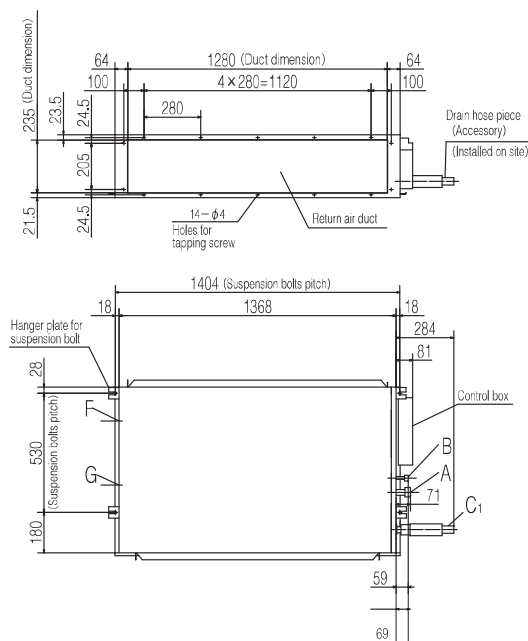
		Micro Inverter					
Set model name		FDUM100VNAV2	FDUM125VNAV	FDUM140VNAV	FDUM100VSAVF2	FDUM125VSAVF	FDUM140VSAVF
Indoor unit		FDUM100VF2	FDUM125VF	FDUM140VF	FDUM100VF2	FDUM125VF	FDUM140VF
Outdoor unit		FDC100VNA	FDC125VNA	FDC140VNA	FDC100VSA	FDC125VSA	FDC140VSA
Power source		1 Phase 220-240V, 50Hz / 220V, 60Hz			3 Phase 380-415V, 50Hz / 380V, 60Hz		
Nominal cooling capacity (Min~Max)	kW	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	13.6 (5.0 ~ 14.5)	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	13.6 (5.0 ~ 14.5)
Nominal heating capacity (Min~Max)	kW	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)
Power consumption	Cooling/Heating kW	2.84 / 2.78	4.36 / 3.69	4.93 / 4.21	2.84 / 2.78	4.36 / 3.69	4.93 / 4.21
EER/COP	Cooling/Heating	3.52 / 4.03	2.87 / 3.79	2.76 / 3.68	3.52 / 4.03	2.87 / 3.79	2.76 / 3.68
Inrush current		5	5	5	5	5	5
Max. current		26	26	27	17	17	18
Sound power level*1	Indoor	Cooling/Heating	65 / 65	67 / 67	70 / 70	65 / 65	67 / 67
	Outdoor	Cooling/Heating	70 / 70	71 / 71	73 / 73	70 / 70	71 / 71
Sound pressure level*1 *1	Indoor	Cooling (Hi/Me/Lo)	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30	38 / 36 / 30	40 / 34 / 29
	Indoor	Heating (Hi/Me/Lo)	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30	38 / 36 / 30	40 / 34 / 29
	Outdoor	Cooling/Heating	54 / 56	55 / 57	57 / 59	54 / 56	55 / 57
Air flow *1	Indoor	Cooling (Hi/Me/Lo)	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20
	Indoor	Heating (Hi/Me/Lo)	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20
	Outdoor	Cooling/Heating	75 / 73	75 / 73	75 / 73	75 / 73	75 / 73
External static pressure*3	Pa	Standard:60 Max:100					
Exterior dimensions	Indoor	HeightxWidthxDepth	280 x 1,370 x 740				
	Outdoor	HeightxWidthxDepth	845 x 970 x 370				
Net weight	Indoor		54				
	Outdoor		80				
Ref.piping size	Liquid/Gas	ømm	9.52(3/8") / 15.88(5/8")				
Refrigerant line (one way) length		m	Max.50				
Vertical height differences	Outdoor is higher/lower	m	Max.50 / Max.15				
Outdoor operating temperature range	Cooling	°C	-15~50*4				
	Heating	°C	-20~20				
Air filter			Filter kit : UM-FL3EF (option)				
Remote control (option)			wired:RC-EX3, RC-E5, RCH-E3 wireless:RCN-KIT4-E2				



FDUM140VF

Micro Inverter Ducted

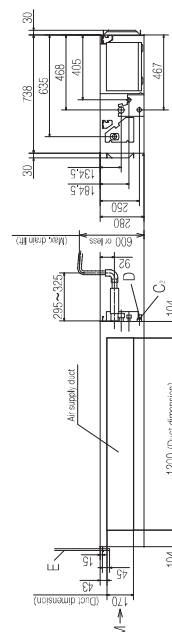
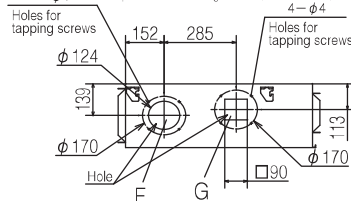
FDUM140VF Indoor Unit



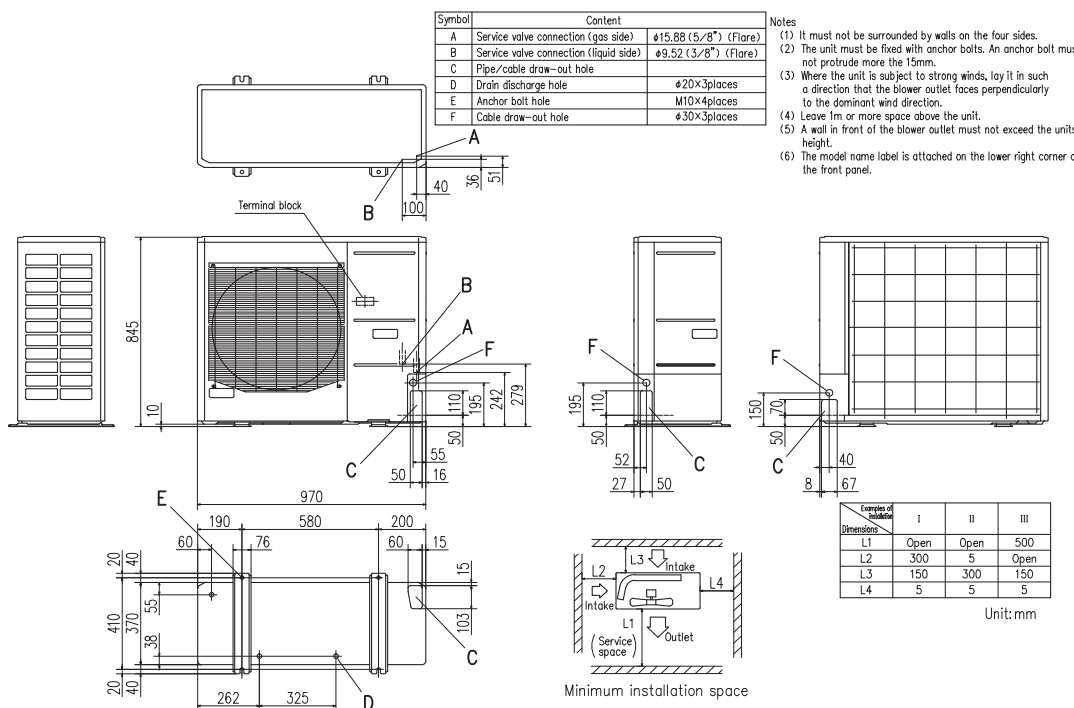
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Liquid piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached socket I.D. 25, O.D. 34) Note (2)
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26) or VP25 (Used with attached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



FDC140VNA Outdoor



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 $\phi 20 \times 3$ places
D	Drain discharge hole M10 $\times 4$ places
E	Anchor bolt hole $\phi 30 \times 3$ places
F	Cable draw-out hole

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.

Examples of Dimensions	I	II	III
L1	Open	Open	500
L2	300	5	Open
L3	150	300	150
L4	5	5	5

Unit: mm

Minimum installation space