



FDUM100VF2

Micro Inverter Ducted

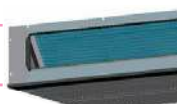


Thin Design

The height of all FDUM models is only 280mm

70mm less

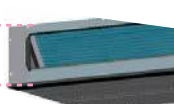
H 350
H 280



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)



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)

FUNCTIONS

Energy saving

Clean operation & Filter



Comfort & Convenience



Others



SPECIFICATIONS

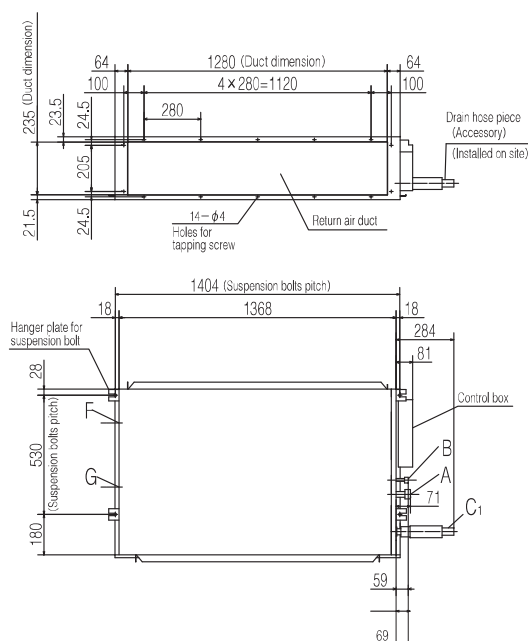
			Micro Inverter						
Set model name			FDUM100VNAV2	FDUM125VNAV	FDUM140VNAV	FDUM100VSAVF2	FDUM125VSAVF	FDUM140VSAVF	
Indoor unit			FDUM100VF2	FDUM125VF	FDUM140VF	FDUM100VF2	FDUM125VF	FDUM140VF	
Outdoor unit			FDC100VNA	FDC125VNA	FDC140VNA	FDC100VSA	FDC125VSA	FDC140VSA	
Power source			1 Phase 220-240V, 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			A 5	5	5	5	5	5	
Max. current			26	26	27	17	17	18	
Sound power level* ¹	Indoor	Cooling/Heating	dB(A)	65 / 65	67 / 67	70 / 70	65 / 65	67 / 67	70 / 70
	Outdoor	Cooling/Heating		70 / 70	71 / 71	73 / 73	70 / 70	71 / 71	73 / 73
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	40 / 35 / 30
		Heating (Hi/Me/Lo)		38 / 36 / 30	40 / 34 / 29	40 / 35 / 30	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30
Air flow ※1		Cooling/Heating		54 / 56	55 / 57	57 / 59	54 / 56	55 / 57	57 / 59
	Indoor	Cooling (Hi/Me/Lo)		28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22
		Heating (Hi/Me/Lo)	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22	
		Outdoor	Cooling/Heating	75 / 73	75 / 73	75 / 73	75 / 73	75 / 73	75 / 73
External static pressure* ³			Pa	Standard:60 Max:100					
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	280 x 1,370 x 740					
	Outdoor			845 x 970 x 370					
Net weight	Indoor		kg	54					
	Outdoor			80 82					
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						



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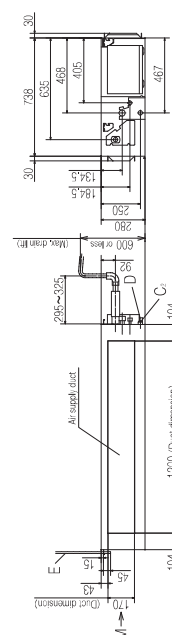
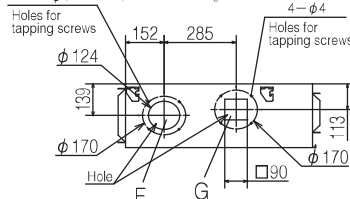
FDUM100VF2 Indoor Unit



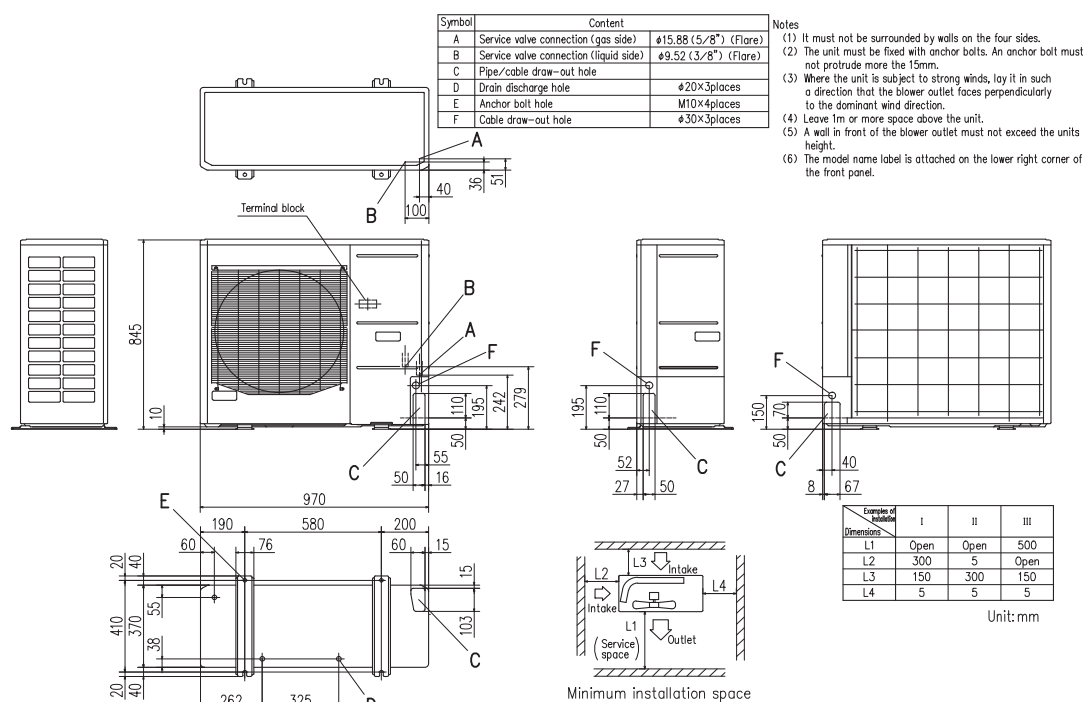
Symbol	Content
A	Gas piping $\phi 15.88 (5/8")$ (Flare)
B	Drain piping $\phi 9.52 (3/8")$ (Flare)
C1	Drain piping VP20 (standard I.D. 20, O.D. 26 or VP26 (Used with attached socket I.D. 26, O.D. 34) Note (2))
C2	Drain piping (Gravity drainage) VP20 (standard I.D. 20, O.D. 26 or VP26 (Used with attached socket I.D. 26, 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		

— $\phi 4$ (2) Prepare the connecting socket (V-20 or VP25) on site



FDC100VNA Outdoor Unit



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

Unit: mm