



FDT100VG

Hyper Inverter Cassette

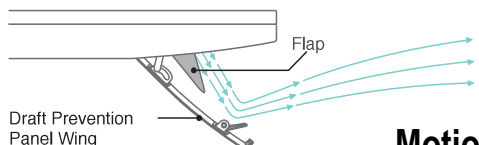


Individual flap control system



According to room temperature conditions, four directions of air flow can be controlled by individual flap as preferred. Individual flap control is available even after installation

Draft prevention panel



Motion sensor control

Wired remote control (option)

NEW



RC-EX3



RC-E5



RCH-E3

Wireless remote control (option)

NEW



RCN-TC-24W-E2

FDC100VNX/VSX (4.0HP)
FDC125VNX/VSX (5.0HP)
FDC140VNX/VSX (6.0HP)



FUNCTIONS

Energy saving



Air flow



Comfort & Convenience



Others



SPECIFICATIONS

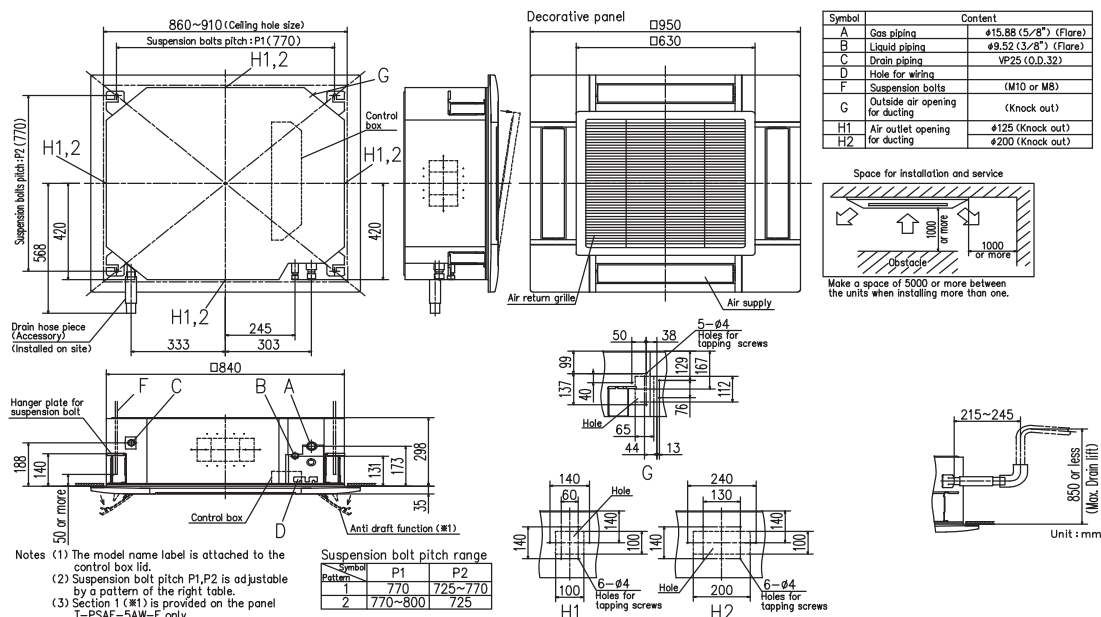
			HyperInverter					
Set model name			FDT100VNXVG	FDT125VNXVG	FDT140VNXVG	FDT100VSXVG	FDT125VSXVG	FDT140VSXVG
Indoor unit			FDT100VG	FDT125VG	FDT140VG	FDT100VG	FDT125VG	FDT140VG
Outdoor unit			FDC100VNX	FDC125VNX	FDC140VNX	FDC100VSX	FDC125VSX	FDC140VSX
Power source			1 Phase 220-240V, 50Hz / 220V, 60Hz			3 Phase 380-415V, 50Hz / 380V, 60Hz		
Nominal cooling capacity (Min~Max)			kW 10.0 (4.0 ~ 11.2)	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 11.2 (4.0 ~ 12.5)	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 2.50 / 2.58	3.42 / 3.43	4.26 / 4.20	2.50 / 2.58	3.42 / 3.43	4.26 / 4.20
EER/COP		Cooling/Heating	4.00 / 4.34	3.65 / 4.08	3.29 / 3.81	4.00 / 4.34	3.65 / 4.08	3.29 / 3.81
Inrush current			A 5	5	5	5	5	5
Max. current			A 24	26	26	15	15	15
Sound power level* ¹	Indoor	Cooling/Heating	dB(A)	63 / 63	64 / 64	64 / 64	63 / 63	64 / 64
	Outdoor	Cooling/Heating		70 / 70	70 / 70	72 / 72	70 / 70	72 / 72
Sound pressure level* ¹ ※1	Indoor	Cooling (Hi/Me/Lo)		39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32
		Heating (Hi/Me/Lo)		39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32
	Outdoor	Cooling/Heating		48 / 50	48 / 50	49 / 52	48 / 50	49 / 52
Air flow ※1	Indoor	Cooling (Hi/Me/Lo)		m ³ /min	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17
		Heating (Hi/Me/Lo)	26 / 23 / 17		28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18
	Outdoor	Cooling/Heating	100 / 100		100 / 100	100 / 100	100 / 100	100 / 100
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	Unit: 298 x 840 x 840 Panel: 35 x 950 x 950				
	Outdoor			1,300 x 970 x 370				
Net weight	Indoor		kg	30(Unit:25 Standard Panel:5)				
	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* ³				
	Heating			-20~20				
Panel			T-PSA-5AW-E, T-PSAE-5AW-E					
Air filter, Q'ty			Pocket plastic net x 1(Washable)					
Remote control (option)			wired-RC-EX3, RC-E5, RCH-E3 wireless-RCN-T-5AW-E2					



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FDT100VG Indoor Unit



FDC100VNX Outdoor Unit

