



FDT125VG

Hyper Inverter Cassette

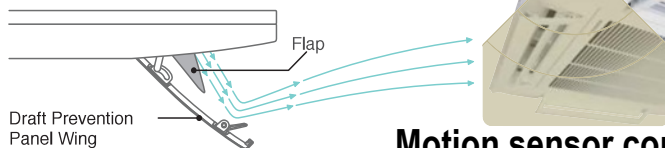


Individual flap control system



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

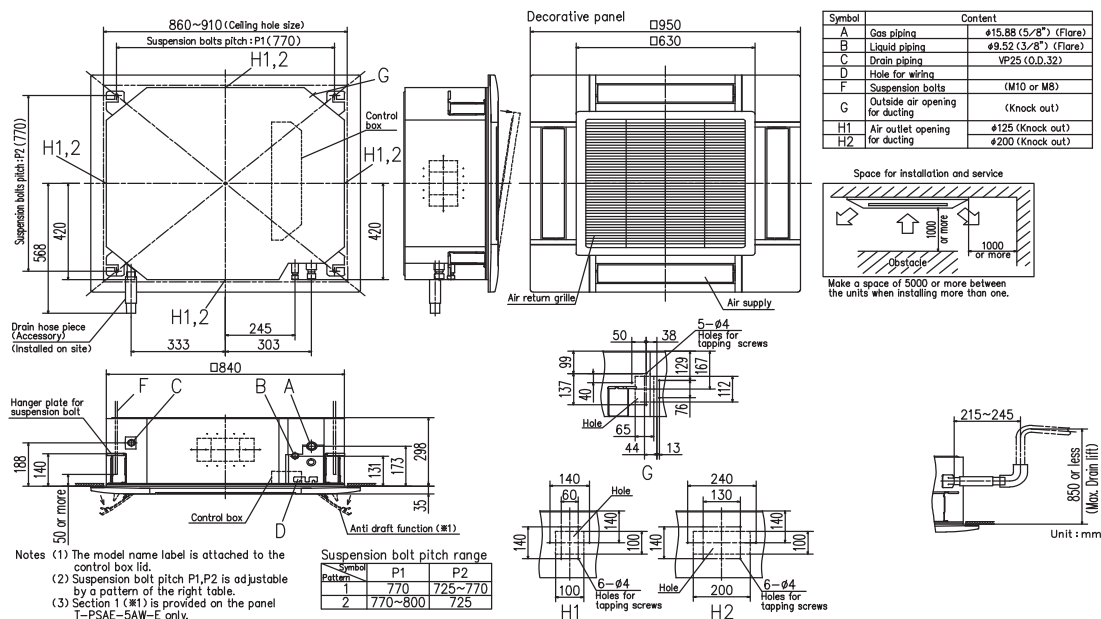
			Hyper Inverter													
Set model name			FDT100VNXVG		FDT125VNXVG		FDT140VNXVG		FDT100VSXVG		FDT125VSXVG		FDT140VSXVG			
Indoor unit			FDT100VG		FDT125VG		FDT140VG		FDT100VG		FDT125VG		FDT140VG			
Outdoor unit			FDC100VNX		FDC125VNX		FDC140VNX		FDC100VSX		FDC125VSX		FDC140VSX			
Power source			1 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)	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 ~ 17.0)	16.0 (4.0 ~ 18.0)	11.2 (4.0 ~ 16.0)	14.0 (4.0 ~ 17.0)	16.0 (4.0 ~ 18.0)	11.2 (4.0 ~ 16.0)	14.0 (4.0 ~ 17.0)	16.0 (4.0 ~ 18.0)	
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	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	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	5	5	5	5	5	5
Max. current				A	24	26	26	15	15	15	15	15	15	15	15	15
Sound power level*1	Indoor	Cooling/Heating		dB(A)	63 / 63	64 / 64	64 / 64	63 / 63	64 / 64	64 / 64	63 / 63	64 / 64	64 / 64	63 / 63	64 / 64	64 / 64
	Outdoor	Cooling/Heating		dB(A)	70 / 70	70 / 70	72 / 72	70 / 70	70 / 70	72 / 72	70 / 70	70 / 70	72 / 72	70 / 70	70 / 70	72 / 72
Sound pressure level*1 ※1	Indoor	Cooling (Hi/Mo/Lo)		dB(A)	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33
	Outdoor	Cooling/Heating		dB(A)	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33	39 / 37 / 31	41 / 39 / 32	42 / 39 / 33
Air flow ※1		Cooling/Heating		m³/min	48 / 50	48 / 50	49 / 52	48 / 50	48 / 50	49 / 52	48 / 50	48 / 50	49 / 52	48 / 50	48 / 50	49 / 52
	Indoor	Cooling (Hi/Mo/Lo)		m³/min	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19
	Outdoor	Heating (Hi/Mo/Lo)		m³/min	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19
					100 / 100	100 / 100	100 / 100	100 / 100	100 / 100	100 / 100	100 / 100	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												



FDT125VG

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FDT125VG Indoor Unit



FDC125VNX Outdoor Unit

