

CEILING CASSETTE -4way-

FDT



FDT 40/50/60/71/
100/125/140

Remote control (Option)

Wired



RC-EX1A



RC-E5



RCH-E3

Wireless



RCN-T-36W-E

Point
1

Arrangement of installation balance of indoor unit

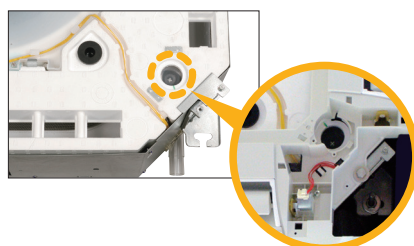
Checking from access ports with detachable covers at each corner, arrangement of installation balance of indoor unit can be available without removing a panel. Workability is improved and time of installation is reduced.



Point
2

Easy checking of drain pan

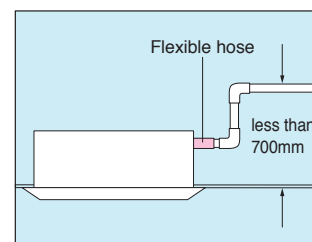
Easy checking of drain pan condition is available by removing corner lid only. Due to new design changing fan motor is available without removing a panel.



Point
3

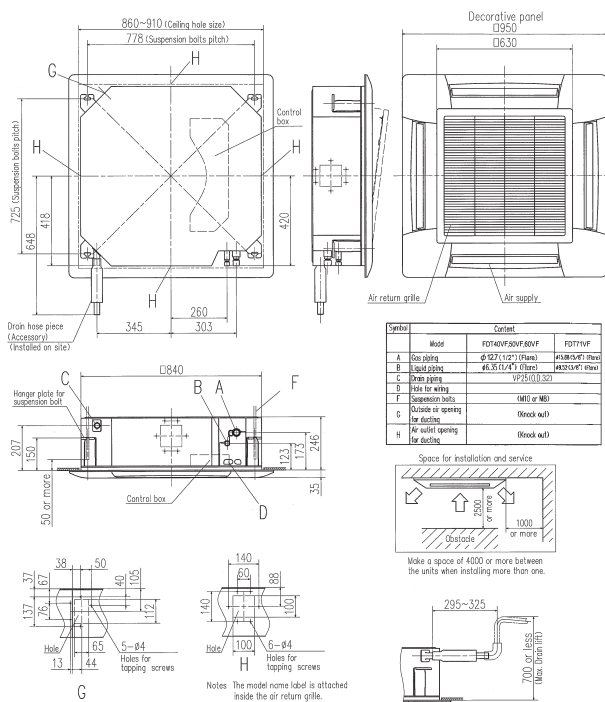
700mm Drain Pump

Drain can be discharged upwards by 700mm from the ceiling surface. It allows a piping layout with a high degree of freedom. Depending on the installation location and 260mm flexible hose as a standard equipment supports easy workability.

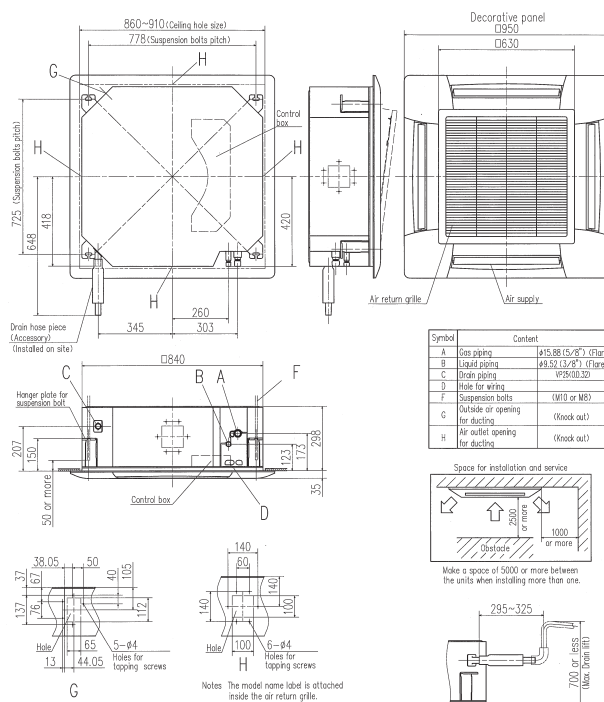


Dimensions (Unit:mm)

Models FDT40VF,50VF,60VF,71VF1



Models FDT100VF1,125VF,140VF



SPECIFICATIONS

		HyperInverter				
Set model name		FDT40ZMXVF	FDT50ZMXVF	FDT60ZMXVF	FDT71VNXVF1	FDT100VNXVF1
Indoor unit		FDT40VF	FDT50VF	FDT60VF	FDT71VF1	FDT100VF1
Outdoor unit		SRC40ZMX-S	SRC50ZMX-S	SRC60ZMX-S	FDC71VNX	FDC100VNX
Power source		1 Phase 220-240V 50Hz, 1 Phase 220V 60Hz				
Nominal cooling capacity (Min~Max)		kW 4.0 (1.1 ~ 4.7)	5.0 (1.1 ~ 5.6)	5.6 (1.1 ~ 6.3)	7.1 (3.2 ~ 8.0)	10.0 (4.0 ~ 11.2)
Nominal heating capacity (Min~Max)		kW 4.5 (0.6 ~ 5.4)	5.4 (0.6 ~ 6.3)	6.7 (0.6 ~ 7.1)	8.0 (3.6 ~ 9.0)	11.2 (4.0 ~ 12.5)
Power consumption		Cooling/Heating kW 0.93 / 1.06	1.29 / 1.29	1.52 / 1.70	2.04 / 1.94	2.50 / 2.58
EER/COP		Cooling/Heating 4.30 / 4.25	3.88 / 4.19	3.68 / 3.94	3.48 / 4.12	4.00 / 4.34
Inrush current		220/230/240 V A 5	5	5	5	5
Max. running current		12	15	15	17	24
Sound power level*1	Indoor	Cooling/Heating 55 / 55	55 / 55	60 / 60	64 / 64	65 / 65
	Outdoor	Cooling/Heating 63 / 63	63 / 63	64 / 64	66 / 66	70 / 70
Sound pressure level*1 ※	Indoor	Cooling (Hi/Me/Lo)	33 / 31 / 30	33 / 31 / 30	33 / 31 / 30	35 / 33 / 31
			33 / 31 / 30	33 / 31 / 30	33 / 31 / 30	35 / 33 / 31
	Outdoor	Cooling/Heating	50 / 50	54 / 50	54 / 54	51 / 48
			50 / 50	54 / 50	54 / 54	51 / 48
Air flow ※	Indoor	Cooling (Hi/Me/Lo)	18 / 16 / 14	18 / 16 / 14	18 / 16 / 14	21 / 19 / 17
			18 / 16 / 14	18 / 16 / 14	18 / 16 / 14	21 / 19 / 17
	Outdoor	Cooling/Heating	36 / 33	40 / 33	41.5 / 39	60 / 50
			36 / 33	40 / 33	41.5 / 39	60 / 50
Exterior dimensions	Indoor	HeightxWidthxDepth mm	Unit: 246 x 840 x 840 Panel: 35 x 950 x 950			Unit: 298 x 840 x 840 Panel: 35 x 950 x 950
	Outdoor	640 x 800(+71) x 290	750 x 880(+88) x 340			1,300 x 970 x 370
Net weight	Indoor	kg	27.5(Unit:22 Panel:5.5)			32.5(Unit:27 Panel:5.5)
	Outdoor	45	60			105
Ref.piping size		Liquid/Gas ømm	6.35(1/4") / 12.7(1/2")			9.52(3/8") / 15.88(5/8")
Refrigerant line (one way) length		m	Max.30			Max. 50
Vertical height differences		Outdoor is higher/lower m	Max.20 / Max.20			Max.30 / Max.15
Outdoor operating temperature range	Cooling	°C	-15~43*2			-20~20
	Heating	-15~20				
Panel			T-PSA-3BW-E			
Air filter, Q'ty			Pocket plastic net x 1(Washable)			
Remote control (option)			wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-T-36W-E			

SPECIFICATIONS

		HyperInverter				
Set model name		FDT125VNXVF	FDT140VNXVF	FDT100VSXVF1	FDT125VSXVF	FDT140VSXVF
Indoor unit		FDT125VF	FDT140VF	FDT100VF1	FDT125VF	FDT140VF
Outdoor unit		FDC125VNX	FDC140VNX	FDC100VSX	FDC125VSX	FDC140VSX
Power source		1 Phase 220-240V 50Hz, 1 Phase 220V 60Hz		3 Phase 380-415V 50Hz, 3 Phase 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 3.28 / 3.43	4.19 / 4.20	2.50 / 2.58	3.28 / 3.43	4.19 / 4.20
EER/COP		Cooling/Heating 3.81 / 4.08	3.34 / 3.81	4.00 / 4.34	3.81 / 4.08	3.34 / 3.81
Inrush current		220/230/240 V A 5	5	5	5	5
Max. running current		26	26	15	15	15
Sound power level*1	Indoor	Cooling/Heating 68 / 68	68 / 68	65 / 65	68 / 68	68 / 68
	Outdoor	Cooling/Heating 70 / 70	72 / 72	70 / 70	70 / 70	72 / 72
Sound pressure level*1 ※	Indoor	Cooling (Hi/Me/Lo)	42 / 40 / 37	43 / 41 / 38	40 / 37 / 35	42 / 40 / 37
			42 / 40 / 37	43 / 41 / 38	40 / 37 / 35	42 / 40 / 37
	Outdoor	Cooling/Heating	48 / 50	49 / 52	48 / 50	48 / 50
			48 / 50	49 / 52	48 / 50	48 / 50
Air flow ※	Indoor	Cooling (Hi/Me/Lo)	30 / 27 / 23	30 / 27 / 23	27 / 24 / 20	30 / 27 / 23
			30 / 27 / 23	30 / 27 / 23	27 / 24 / 20	30 / 27 / 23
	Outdoor	Cooling/Heating	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	32.5(Unit:27 Panel:5.5)			
	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*2			
	Heating	-20~20				
Panel			T-PSA-3BW-E			
Air filter, Q'ty			Pocket plastic net x 1(Washable)			
Remote control (option)			wired:RC-EX1A, RC-E5, RCH-E3 wireless:RCN-T-36W-E			

The data are measured under the following conditions(ISO-T1).

Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB. Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.

※ Powerful-Hi can be selected. Sound level: 40/50ZMXVF 39dB, 60ZMXVF 46dB, 71VNXVF1 46dB, 100VN(S)XVF1 51dB, 125/140VN(S)XVF 51dB

Air flow: 40/50ZMXVF 20m³/min, 60ZMXVF 28m³/min, 71VNXVF1 28m³/min, 100VN(S)XVF1 37m³/min, 125/140VN(S)XVF 37m³/min