

CEILING CASSETTE -4way- FDT



NEW



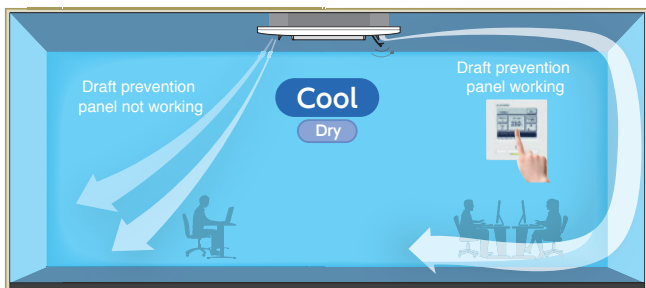
FDT 40/50/60/71/100/125/140



Draft Prevention Panel (Option)

Point 1 Draft Prevention Panel (Option)

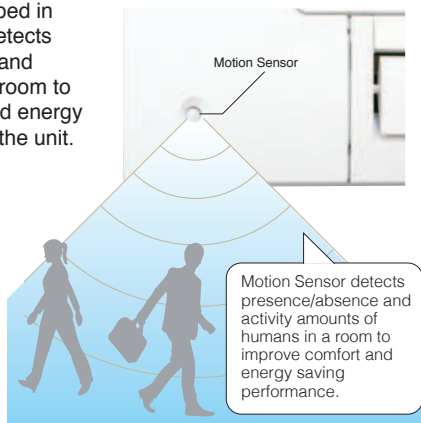
Draft Prevention Panel prevents cold/hot draft being blown directly on the user.
It is possible to set Draft Prevention Panel for each air outlet.



User can position Draft Prevention Panel panels by using the remote controller only (RC-EX3, RCN-T-5AW-E2).

Point 2 Motion Sensor (Option)

Motion sensor is equipped in the panel corner and detects the presence/absence and activity of humans in a room to improve the comfort and energy saving performance of the unit.



NEW

Remote control (Option)

Wired

NEW

Wireless



RC-EX3



RC-E5



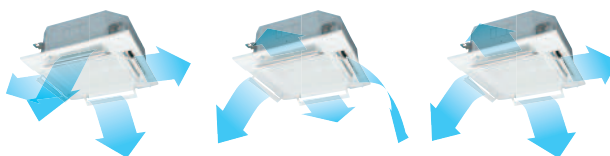
RCH-E3



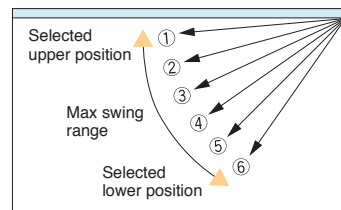
RCN-T-5AW-E2

Point 3 Individual flap control system

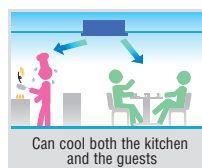
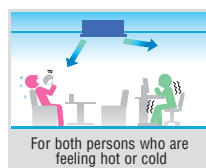
According to room conditions, four directions of air flow can be controlled individually by utilizing the flap control system. Individual flap control is available even after installation.



Flap can swing within an upper and lower flap range position within can be selected with a wired remote control.



※The wireless remote control is not applicable to the Individual flap control system.

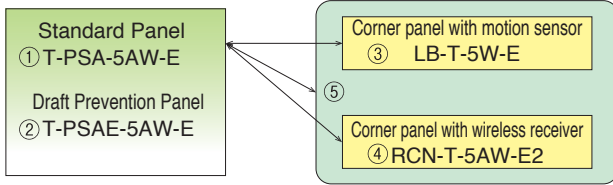


Point 4

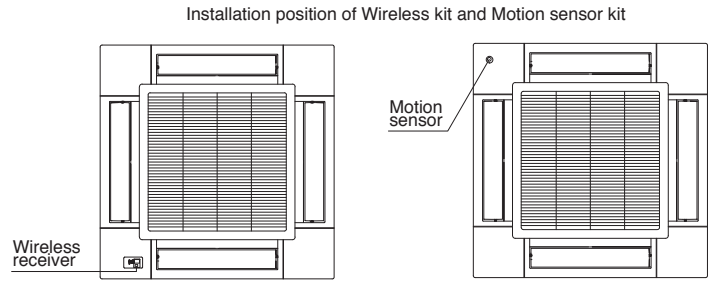
Panel select pattern

(Option)

8 patterns of panel are available.



- ① Standard Panel only
- ①+③ Standard Panel with corner panel with motion sensor
- ①+④ Standard Panel with corner panel with wireless receiver
- ①+⑤ Standard Panel with corner panel with motion sensor & corner panel with wireless receiver
- ② Draft Prevention Panel only
- ②+③ Draft Prevention Panel with corner panel with motion sensor
- ②+④ Draft Prevention Panel with corner panel with wireless receiver
- ②+⑤ Draft Prevention Panel with corner panel with motion sensor & corner panel with wireless receiver

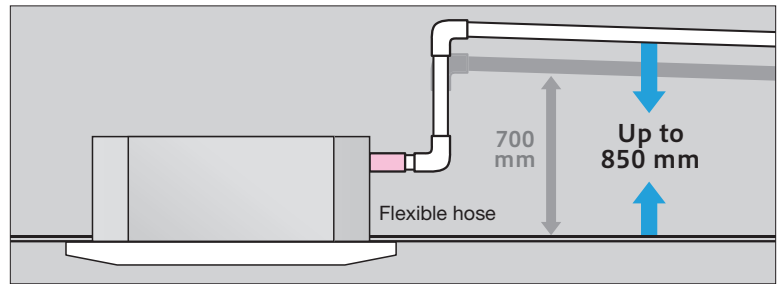


*Wireless receiver and Motion sensor can be installed to the position as shown

Point 5

850mm Drain Pump

Drain can be discharged upwards by 850mm from the ceiling surface. It allows a piping layout with a high degree of freedom. Depending on the installation location and 185mm flexible hose as a standard equipment supports easy workability.



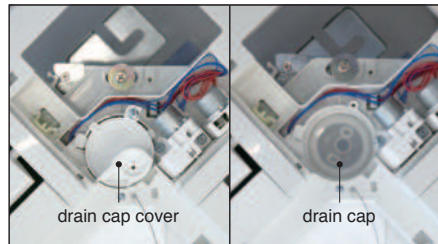
Point 6

Easy check of drain pan

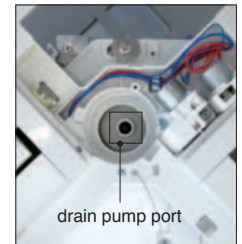
Easy check of drain pan condition is available by removing corner lid only.



Remove corner lid.



Remove drain cap cover and check the condition. It is necessary to clean-up, firstly remove the rubber stopper to drain water out and secondly remove the drain cap.



Clean up the area around the drain pump port.

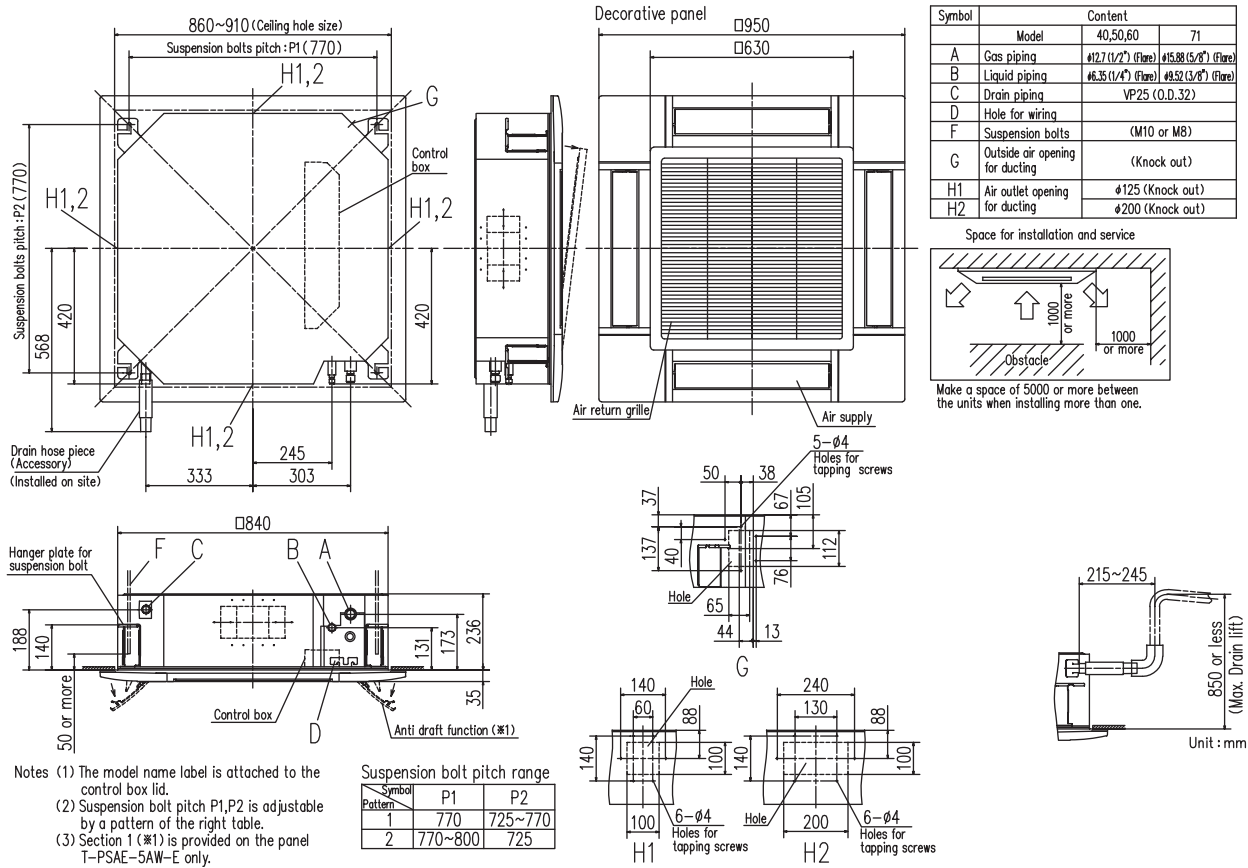
OUTDOOR UNIT

SRC • FDC	Hyper Inverter			Micro Inverter		
	40~60ZSX	71VNX	100~140VN(S)X	100~140VN(S)	200VSA	250VSA
model						
Chargeless	15m	30m		30m		
Height x Width x Depth (mm)	640 x 800(+71) x 290	750 x 880(+88) x 340	1,300 x 970 x 370	845 x 970 x 370	1,300 x 970 x 370	1,505 x 970 x 370

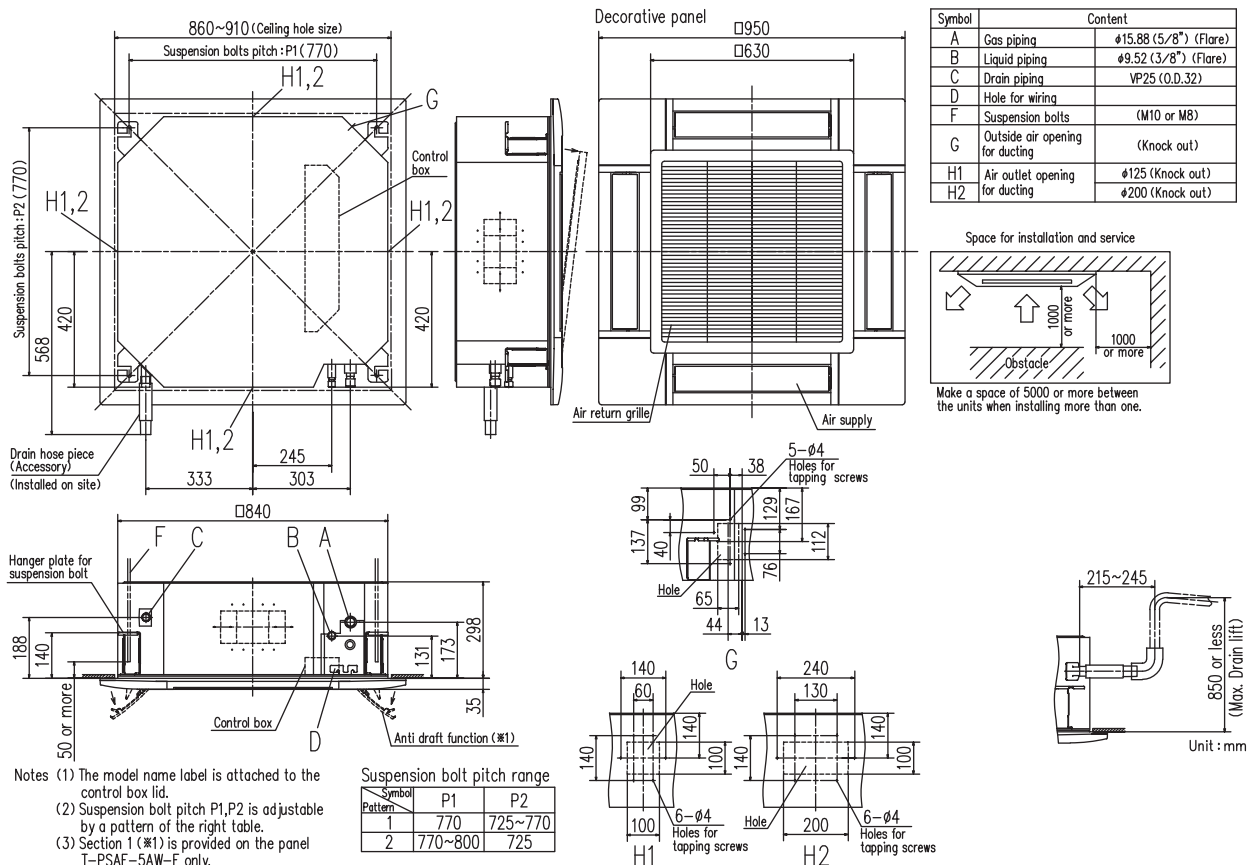
FDC	Standard Inverter		
	71VNP	90VNP	100VNP
model			
Chargeless	15m		
Height x Width x Depth (mm)	640 x 800(+71) x 290	750 x 880(+88) x 340	845 x 970 x 370

DIMENSIONS (Unit:mm)

Models FDT40VG,50VG,60VG,71VG



Models FDT100VG,125VG,140VG



SPECIFICATIONS

		<i>Hyper Inverter</i>				
Set model name		FDT40ZSXVG	FDT50ZSXVG	FDT60ZSXVG	FDT71VNXVG	
Indoor unit		FDT40VG	FDT50VG	FDT60VG	FDT71VG	
Outdoor unit		SRC40ZSX-S	SRC50ZSX-S	SRC60ZSX-S	FDC71VNX	
Power source		1 Phase 220-240V, 50Hz / 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)	
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)	
Power consumption	Cooling/Heating	kW 0.93 / 1.03	1.29 / 1.29	1.52 / 1.56	1.94 / 1.91	
EER/COP	Cooling/Heating	4.30 / 4.37	3.88 / 4.19	3.68 / 4.29	3.66 / 4.19	
Inrush current		A 5	5	5	5	
Max. current		12	15	15	17	
Sound power level*1	Indoor	Cooling/Heating	53 / 53	54 / 54	60 / 60	62 / 62
	Outdoor	Cooling/Heating	63 / 63	63 / 63	65 / 64	66 / 66
Sound pressure level*1 ※1	Indoor	Cooling (Hi/Me/Lo)	33 / 30 / 27	33 / 30 / 27	34 / 32 / 28	35 / 34 / 29
		Heating (Hi/Me/Lo)	33 / 30 / 27	33 / 30 / 27	34 / 32 / 28	35 / 34 / 29
	Outdoor	Cooling/Heating	50 / 49	50 / 49	52 / 52	51 / 48
		Cooling (Hi/Me/Lo)	16 / 13 / 10	16 / 13 / 10	17 / 14 / 11	18 / 15 / 12
Air flow ※1	Indoor	Heating (Hi/Me/Lo)	16 / 13 / 10	16 / 13 / 10	17 / 14 / 11	18 / 15 / 12
		Cooling/Heating	36 / 33	39 / 33	41.5 / 39	60 / 50
Exterior dimensions	Indoor	HeightxWidthxDepth	Unit: 236 x 840 x 840 Panel: 35 x 950 x 950			
	Outdoor		640 x 800(+71) x 290		750 x 880(+88) x 340	
Net weight	Indoor		24(Unit:19 Standard Panel:5)		26(Unit:21 Standard Panel:5)	
	Outdoor		45		60	
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	-15~46*3		-15~43*3	
	Heating		-20~24		-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			

		<i>Hyper Inverter</i>					
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		24	26	26	15	15	15
Sound power level*1	Indoor	Cooling/Heating	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	48 / 50
		Cooling (Hi/Me/Lo)	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18
Air flow ※1	Indoor	Heating (Hi/Me/Lo)	26 / 23 / 17	28 / 25 / 18	29 / 26 / 19	26 / 23 / 17	28 / 25 / 18
		Cooling/Heating	100 / 100	100 / 100	100 / 100	100 / 100	100 / 100
Exterior dimensions	Indoor	HeightxWidthxDepth	Unit: 298 x 840 x 840 Panel: 35 x 950 x 950				
	Outdoor		1,300 x 970 x 370				
Net weight	Indoor		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				

※1 Powerful-Hi can be selected.

Sound pressure level: 40ZSXVG 36dB(A), 50ZSXVG 38dB(A), 60ZSXVG 44dB(A), 71VNXVG 46dB(A), 100VN(S)XVG 48dB(A), 125/140VN(S)XVG 49dB(A)
Air flow: 40ZSXVG 19m³/min, 50ZSXVG 20m³/min, 60ZSXVG 26m³/min, 71VNXVG 28m³/min, 100VN(S)XVG 37m³/min, 125/140VN(S)XVG 38m³/min

NOTES:

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 : The values are for one indoor unit operation.

*3 : 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.