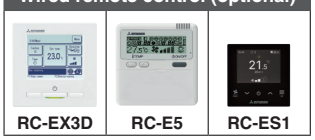
SINGLE-SPLIT 4WAY CEILING CASSETTE TYPE

FDTC-VH

FDTC25,35VH1,
FDTC40,50,60VH

A'DESIGN AWARD WINNER 2019 GOLD

Wired remote control (optional)



RC-EX3D | RC-E5 | RC-ES1

Wireless remote control (optional)

RCN-TC-5AW -E3

Motion sensor (optional)

LB-TC-5W-E

SRC25, 35ZS-W2

SRC40ZSX-W1, SRC50ZSX-W2,-W3, SRC60ZSX-W1, -W3

KEY FEATURES

- Height of the thin panel and the main body is only 248mm allowing a very easy installation. Integrated ceiling system design (600×600mm)
- Low Global Warming Potential (GWP) and high energy efficiency by new refrigerant R32
- Draft Prevention Panel (optional) prevents cold/hot draft from being blown directly on the user. Draft Prevention Panel could be installed for each air outlet
- Motion sensor (optional) is an energy saving operation function that detects human movement and saves energy
- Noise has been reduced by adopting a new turbo fan and improving the heat exchanger

SPECIFICATIONS

Indoor unit				FDTC25VH1	FDTC35VH1	FDTC40VH	FDTC50VH	FDTC60VH
Outdoor unit				SRC25ZS-W2	SRC35ZS-W2	SRC40ZSX-W1	SRC50ZSX-W2,-W3	SRC60ZSX-W1,-W3
Power source				1 Phase, 220 - 240V, 50Hz				
Nominal cooling capacity (Min-Max)			kW	2.5 (0.9 - 3.2)	3.5 (0.9 - 4.3)	4.0 (1.1 - 4.7)	5.0 (1.1 - 5.6)	5.6 (1.1 - 6.3)
Nominal heating capacity (Min-Max)			kW	2.9 (0.9 - 4.0)	4.25 (0.9 - 4.6)	4.5 (0.6 - 5.4)	5.4 (0.6 - 6.3)	6.7 (0.6 - 6.7)
Power consumption		Cooling/Heating	kW	0.61 / 0.71	0.91 / 1.15	0.98 / 1.13	1.40 / 1.53	1.73 / 2.14
EER/COP		Cooling/Heating		4.10 / 4.08	3.85 / 3.70	4.08 / 3.98	3.58 / 3.53	3.23 / 3.13
Max. running current			A	9	9	15	15	15
Sound power level	Indoor	Cooling/Heating	dB(A)	51 / 52	52 / 53	59 / 59	59 / 59	60 / 60
	Outdoor	Cooling/Heating		58 / 59	62 / 62	63 / 62	63 / 62	65 / 65
Sound pressure level	Indoor	Cooling (Hi/Me/Lo/Ulo)	dB(A)	38 / 34 / 30 / 27	39 / 36 / 32 / 29	44 / 40 / 35 / 27	44 / 40 / 35 / 27	46 / 42 / 38 / 31
		Heating (Hi/Me/Lo/Ulo)		39 / 36 / 32 / 28	41 / 38 / 34 / 30	44 / 40 / 35 / 27	44 / 40 / 35 / 27	46 / 42 / 38 / 31
	Outdoor	Cooling/Heating		47 / 47	50 / 50	52 / 50	52 / 50	53 / 54
Air flow	Indoor	Cooling (Hi/Me/Lo/Ulo)	m^3/min	8.5 / 7.5 / 7.0 / 6.0	9.0 / 8.0 / 7.5 / 6.5	13 / 11 / 9 / 7	13 / 11 / 9 / 7	14 / 12 / 10 / 8
		Heating (Hi/Me/Lo/Ulo)		9.5 / 8.5 / 7.5 / 6.5	10.0 / 9.0 / 8.0 / 7.0	13 / 11 / 9 / 7	13 / 11 / 9 / 7	14 / 12 / 10 / 8
	Outdoor	Cooling/Heating		27.4 / 27.4	31.5 / 31.5	33 / 33	39 / 33	41.5 / 39
Exterior dimensions	Indoor	Height x Width x Depth	mm	Unit : 248 x 570 x 570 Panel : 10 x 620 x 620				
	Outdoor			540 x 780(+62) x 290		640 x 800(+71) x 290		
Net weight	Indoor		kg	16.0 (Unit : 13.5 Panel : 2.5)		16.5 (Unit : 14 Panel : 2.5)		
	Outdoor			31.0	34.5	45.0		
Refrigerant		Type/GWP		R32 / 675				
		Charge	kg/TCO_2Eq	0.62 / 0.419	0.78 / 0.527	1.30 / 0.878		
Refrigerant piping size		Liquid/Gas	ø mm	6.35(1/4") / 9.52(3/8")		6.35(1/4") / 12.7(1/2")		
Refrigerant line (one way) length [chargeless length]			m	Max.20 [15]		Max.30 [15]		
Vertical height differences		Outdoor is higher/lower	m	Max.10 / Max.10		Max.20 / Max.20		
Outdoor operating temperature range		Cooling	°CDB	-15 to 46				
		Heating		-15 to 24		-20 to 20		
Panel				Standard Panel : TC-PSA-5AW-E(Honeycomb), TC-PSAG-5AW-E(Grid) Draft Prevention Panel : TC-PSAE-5AW-E(Honeycomb), TC-PSAGE-5AW-E(Grid)				

- The data are measured under the following conditions(ISO-T1, H1). 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.
- Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- 'tonne(s) of CO_2 equivalent' means a quantity of greenhouse gases- expressed as the product of the weight of the greenhouse gases in metric tonnes and of their global warming potential.