



SINGLE-SPLIT 4WAY CEILING CASSETTE TYPE

FDTC-VH

NEW



FDTC25VH1, FDTC35VH1,
FDTC40VH, FDTC50VH, FDTC60VH



Draft Prevention Panel (Option)



FDTC-VH series can be selected for use as indoor units in the combination with SCM Multi system outdoor unit. (except 40VH)

European Design & Flat Panel

Integrated ceiling system design (600×600)

A grille designed with a unique structure and a clean white panel that blends with the room. This design was invented by zweigrad GmbH & Co. KG in Germany.



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.

Motion Sensor (Option)

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



LB-TC-5W-E

FUNCTIONS

Energy saving



Air flow



Comfort



Timer



Convenience



Others



• When using wired remote control (RC-EX3A) ※ Option

Wired remote control (option)



RC-EX3A

RC-E5

RCH-E3

Wireless remote control (option)



RCN-TC-5AW-E2



SRC25ZS-W1, SRC35ZS-W1



SRC40ZSX-W1, SRC50ZSX-W1,
SRC60ZSX-W1

SPECIFICATIONS

Indoor unit				FDTC25VH1	FDTC35VH1	FDTC40VH	FDTC50VH	FDTC60VH
Outdoor unit				SRC25ZS-W1	SRC35ZS-W1	SRC40ZSX-W1	SRC50ZSX-W1	SRC60ZSX-W1
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 (P-Hi/Hi/Me/Lo)		38 / 34 / 30 / 27	39 / 36 / 32 / 29	44 / 40 / 35 / 27	44 / 40 / 35 / 27	46 / 42 / 38 / 31
		Heating (P-Hi/Hi/Me/Lo)		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 (P-Hi/Hi/Me/Lo)		m³/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
		Heating (P-Hi/Hi/Me/Lo)	9.5 / 8.5 / 7.5 / 6.5		10.0 / 9.0 / 8.0 / 7.0	13 / 11 / 9 / 7	13 / 11 / 9 / 8	14 / 12 / 10 / 8
	Outdoor	Cooling/Heating	27.4 / 27.4		31.5 / 31.5	39 / 33	39 / 33	41.5 / 39
Exterior dimensions	Indoor	HeightxWidthxDepth	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 ₂ Eq	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			m	Max. 20			Max. 30	
Vertical height differences		Outdoor is higher/lower	m	Max. 10 / Max.10			Max. 20 / Max.20	
Outdoor operating temperature range		Cooling	°C	-15~24			-15~46	
		Heating						
Panel				TC-PSA-5AW-E (Standard Panel), TC-PSAE-5AW-E (Draft Prevention Panel)				

* 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 CO₂ 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.