



# 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

## 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

## FUNCTIONS

### Energy saving



### Air flow



### Comfort



### Timer



### Convenience



### Others



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

## 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		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	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)	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 (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	Height×Width×Depth	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		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: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					-20~24	
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 CO<sub>2</sub> 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.