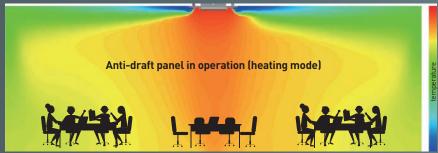
FDTC AND FDT CASSETTE

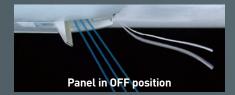
Anti-draft panel (optional)

Flexible flap control to prevent direct currents.

4 extra flaps, individually controlled in each operating mode: they change the direction of the air flow and prevent the unpleasant sensation of direct currents.









UNPARALLELED COMFORT

The anti-draft panel ensures a uniform air flow and a comfortable temperature in the room, both in cooling and in heating: it can be controlled to instantly eliminate any air currents that are too cold or too hot.

Furthermore, the panel helps the unit to aim the air flow for correct and uniform diffusion in the room.

The additional flaps are closed when the

The additional flaps are closed when the unit is not running.

Individual control of the four flaps (standard and anti-draft panels)

The flap control system lets you direct the air flow as needed



To reach people further away from the unit.



feeling too hot or too cold.



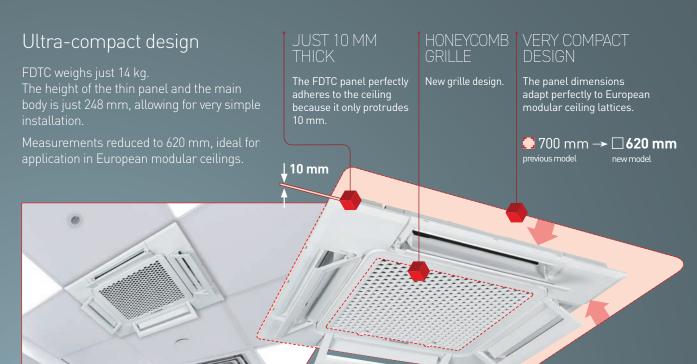
To reach the warmest parts of the room

NOTE

The flaps cannot be controlled individually using the IR remote control.



FDTC CASSETTE 60x60



Standard linear and honeycomb panels



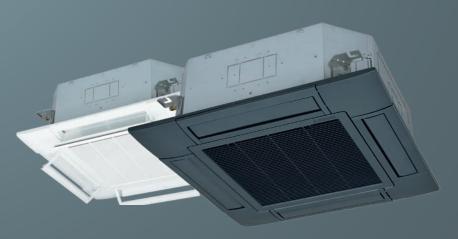
Standard linear panel



Standard honeycomb panel

FDT CASSETTE 84x84

Black and white colors of the standard and anti-draft panels, to expand the design possibilities in shops, offices and restaurants.



Anti-draft white panel

Standard black panel



Cassette 84x84









FDT 40~60 VH Standard white panel T-PSA-5BW-E

FDT 40~60 VH Anti-draft white panel T-PSAE-5BW-E FDT 40~60 VH Standard black panel T-PSA-5BB-E

FDT 40~60 VH Standard black panel T-PSAE-5BB-E

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Indoor unit model			FDT 40 VH	FDT 50 VH	FDT 60 VH		
Outdoor unit model			SRC 40 ZSX-W1	SRC 50 ZSX-W2			
Туре				DC-Inverter heat pump			
Nominal data							
Rated capacity (T=+35°C)		kW	4.00 (1.10~4.70)	5.00 (1.10~5.60)	5.60 (1.10~6.30)		
Rated absorbed power (T=+35°C)	Cooling	kW	0.89	1.29	1.33		
Rated energy efficiency coefficient		EER1	4.49	3.88	4.21		
Rated capacity (T=+7°C)		kW	4.50 (0.60~5.40)	5.40 (0.60~6.30)	6.70 (0.60~6.70)		
Rated absorbed power (T=+7°C)	Heating	kW	1.03	1.31	1.56		
Rated energy performance coefficient		COP1	4.37	4.12	4.29		
Seasonal data		COI	1.57	1.12	1.22		
Theoretical load (Pdesignc)		kW	4.00	5.00	5.60		
Seasonal energy efficiency index		SEER2	8.63	7.93	8.74		
Seasonal energy efficiency class	Cooling	626/20113	A+++	7.95 A++	A+++		
Annual energy consumption		kWh/a	163	221	225		
Theoretical load (Pdesignh) @-10°C		kW	3.90	4.00	5.20		
	Heating	SCOP2					
Seasonal energy efficiency index	(average climate		4.62	4.63	5.00		
Seasonal energy efficiency class	conditions)	626/20113	A++	A++	A++		
Annual energy consumption		kWh/a	1167	1210	1455		
Electrical data							
Power supply	Outdoor unit	Ph-V-Hz		1-220~240V-50Hz			
Power cable		Туре	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²		
Connection wires between I.U. and O.U.		no.	4	4	4		
Absorbed current	Cooling	A	4.00	5.80	5.90		
ADSOIDed Current	Heating	A	4.60	5.90	6.90		
Maximum current		A	15.00	15.00	15.00		
Maximum absorbed power	kW	2.60	2.90				
Refrigerant circuit				2.90			
Refrigerant ⁴		Type (GWP)		R32 (675)			
Quantity refrigerant pre-load		Kg	13	1.3 1.3			
Tons of CO2 equivalent		t	0.878	0.878	1.3 0.878		
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø12.74(1/2")	ø6.35(1/4") - ø12.74(1/2")	Ø6.35(1/4") - Ø12.74(1/2")		
Max splitting length		, , , ,			30		
		m	30 20	30 20	20		
Max height difference I.U./O.U.		m					
Split length without additional charge		m	15	15	15		
Additional load		g/m	20	20	20		
Indoor unit specifications							
Dimensions	LxDxH	mm	840x840x236	840x840x236	840x840x236		
Net weight		Kg	19	19	21		
Sound power level	Max	dB(A)	50	56	59		
Sound pressure level (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	36/33/30/26	41/33/30/26	44/34/30/27		
Journa pressure level (1 -111/111/14/E/L0)	Heating	UD(A)	36/33/28/20	42/33/28/20	44/34/30/23		
Treated air volume	P-Hi/Hi/Me/Lo	m3/h	1140/960/780/600	1320/960/780/600	1560/1020/840/660		
Outdoor unit specifications							
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x290x640	800(+71)x290x640		
Net weight		Kg	45	45	45		
Sound power level	Max	dB(A)	63	63	65		
Sound pressure level	Max	dB(A)	52	52	54		
Treated air volume	Max	m ³ /h	1980	2340	2490		
		°C	1700	-15~+46	£ 170		
Operating limits (outside temperature)	l (nolina						
operating minio (outside temperature)	Cooling						
· · · · · · · · · · · · · · · · · · ·	Cooling Heating	°C		-20~+20			
Accessories				-20~+20			
Accessories Standard panel	Heating	°C	050,050,25	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black)	050,050,05		
Accessories Standard panel Dimensions		°C mm	950x950x35	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35	950x950x35		
Accessories Standard panel Dimensions Net weight	Heating	°C	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5	950x950x35 5		
Accessories Standard panel Dimensions Net weight Wired remote control	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5 RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)			
Accessories Standard panel Dimensions Net weight Wired remote control IR remote control (corner KIT)	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5			
Accessories Standard panel Dimensions Net weight Wired remote control IR remote control (corner KIT) Optional parts	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5 RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) RCN-T-5BW-E2 (white) / RCN-T-5BB-E2 (black)			
Accessories Standard panel Dimensions Net weight Wired remote control IR remote control (corner KIT) Optional parts Wi-Fi module	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5 RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) RCN-T-5BW-E2 (white) / RCN-T-5BB-E2 (black) INWFIMHI001R000			
Accessories Standard panel Dimensions Net weight Wired remote control IR remote control (corner KIT) Optional parts Wi-Fi module Human sensor (corner KIT)	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5 RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) RCN-T-5BW-E2 (white) / RCN-T-5BB-E2 (black)			
Accessories Standard panel Dimensions Net weight Wired remote control IR remote control (corner KIT) Optional parts Wi-Fi module	Heating	°C mm	5	-20~+20 T-PSA-5BW-E (white) / T-PSA-5BB-E (black) 950x950x35 5 RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified) RCN-T-5BW-E2 (white) / RCN-T-5BB-E2 (black) INWFIMHI001R000			

1. Value measured according to the harmonised standard EN 14511. 2. EU Regulation No. 206/2012 – Value measured according to the harmonised standard EN 14525. 3. Delegated Regulation (EU) No 626/2011 regarding the new energy labelling of air conditioners. 4. Refrigerant leakage contributes to dimate change. When released into the atmosphere, refrigerant with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years, Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

