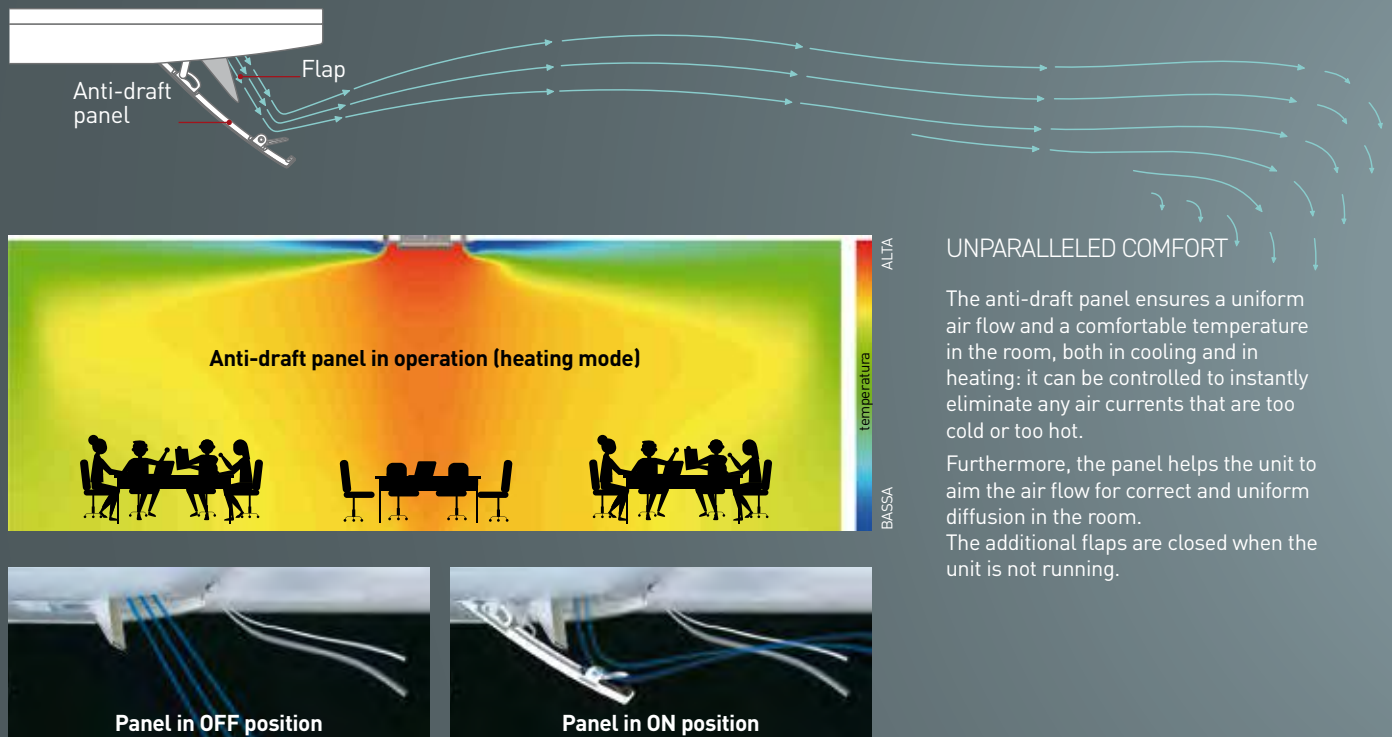


FDTCE FDT CASSETTE

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.



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

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



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

FDTC CASSETTE 60x60

Ultra-compact design

FDTC weighs just 14 kg.

The height of the thin panel and the main body is just 248 mm, allowing for very simple installation.

Measurements reduced to 620 mm, ideal for application in European modular ceilings.

JUST 10 MM THICK

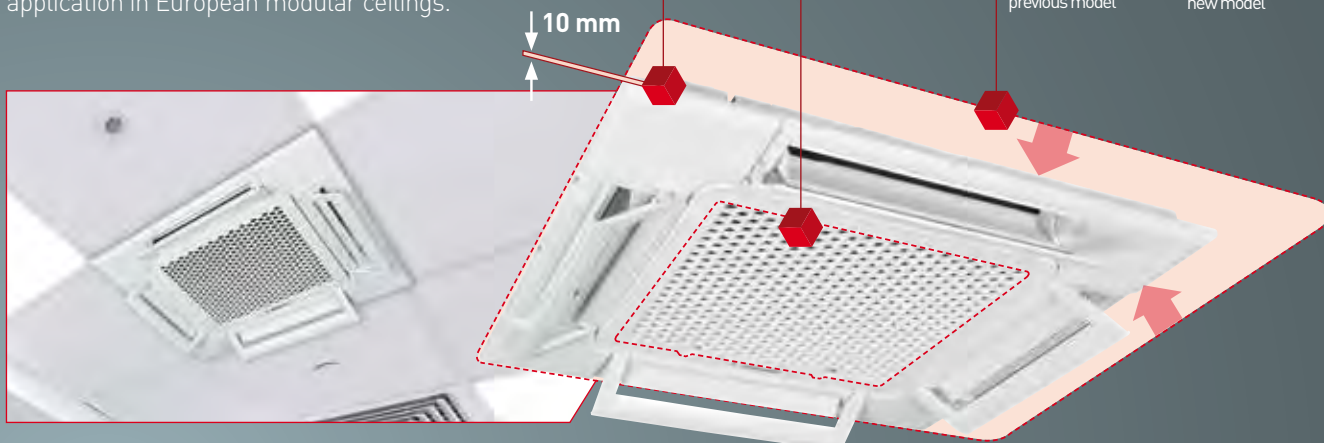
The FDTC panel perfectly adheres to the ceiling because it only protrudes 10 mm.

HONEYCOMB GRILLE

VERY COMPACT DESIGN

The panel dimensions adapt perfectly to European modular ceiling lattices.

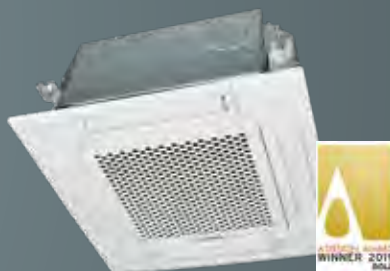
 700 mm →  620 mm
previous model new model



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

LIGHT COMMERCIAL

CASSETTE 60X60



FDTC 25-35 VH1/FDTC 40-60 VH
Standard honeycomb panel
TC-PSA-5AW-E

FDTC 25-35 VH1/FDTC 40-60 VH
Anti-draft honeycomb panel
TC-PSAE-5AW-E

FDTC 25-35 VH1/FDTC 40-60 VH
Standard linear panel
TC-PSAG-5AW-E

FDTC 25-35 VH1/FDTC 40-60 VH
Anti-draft linear panel
TC-PSAGE-5AW-E



*optional

Indoor unit model			FDTC 25 VH1	FDTC 35 VH1	FDTC 40 VH	FDTC 50 VH	FDTC 60 VH
Outdoor unit model			SRC 25 ZS-W2	SRC 35 ZS-W2	SRC 40 ZSX-W1	SRC 50 ZSX-W3	SRC 60 ZSX-W3
Type			DC-Inverter Heat pump				
Nominal data							
Rated capacity (T=+35°C)	Cooling	kW	2.50 (0.90~3.20)	3.50 (0.90~4.30)	4.00 (1.10~4.70)	5.00 (1.10~5.60)	5.60 (1.10~6.30)
Rated power input (T=+35°C)		kW	0.61 (0.18~0.98)	0.91 (0.18~1.37)	0.98	1.40	1.73
Rated energy efficiency coefficient		EER ¹	4.10	3.85	4.08	3.58	3.23
Rated capacity (T=+7°C)	Heating	kW	2.90 (0.90~4.00)	4.25 (0.90~5.60)	4.50 (0.60~5.40)	5.40 (0.60~6.30)	6.70 (0.60~6.70)
Rated power input (T=+7°C)		kW	0.71 (0.19~1.31)	1.15 (0.19~1.33)	1.13	1.53	2.14
Rated energy performance coefficient		COP ¹	4.08	3.70	3.98	3.53	3.13
Seasonal data							
Design load (Pdesignc)	Cooling	kW	2.50	3.50	4.00	5.00	5.60
Seasonal energy efficiency index		SEER ²	6.80	7.10	6.94	6.52	6.45
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++	A++	A++
Annual energy consumption	Heating (average climate conditions)	kWh/y	129	173	202	269	304
Design load (Pdesignh) @ -10°C		kW	2.40	2.90	4.00	4.30	5.10
Seasonal energy efficiency index		SCOP ²	4.00	4.60	4.37	4.30	4.10
Seasonal energy efficiency class		626/2011 ³	A+	A++	A+	A+	A+
Annual energy consumption		kWh/y	840	883	1283	1401	1744
Electrical data							
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz				
Power cable		Type	3 x 2.5 mm ²	3 x 2.5 mm ²	3 x 4 mm ²	3 x 4 mm ²	3 x 4 mm ²
Wiring cables I.U./O.U.		nb.	4	4	4	4	4
Nominal absorbed current	Cooling	A	3.10	4.30	4.30	6.20	7.60
	Heating	A	3.40	5.30	5.00	6.70	9.40
Max current		A	9.00	9.00	15.00	15.00	15.00
Max power input		kW	1.65	1.65	2.60	2.90	2.90
Refrigerant circuit data							
Refrigerant ⁴	Type (GWP)	R32 (675)					
Refrigerant precharge	Kg	0.62	0.78	1.30	1.30	1.30	
Tons of CO2 equivalent	t	0.419	0.527	0.878	0.878	0.878	
Diameter of refrigerant pipings liquid/gas	mm (inch.)	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 9.52(3/8")	6.35(1/4") - 12.74(1/2")	6.35(1/4") - 12.74(1/2")	6.35(1/4") - 12.74(1/2")	
Max splitting distance	m	20	20	30	30	30	
Max splitting level difference I.U./O.U.	m	10	10	20	20	20	
Max. splitting without additional charge	m	15	15	15	15	15	
Additional charge	g/m	20	20	20	20	20	
Indoor unit specifications							
Dimensions	LxDxH	mm	570x570x248	570x570x248	570x570x248	570x570x248	570x570x248
Net weight		Kg	13.5	13.5	14	14	14
Sound power level	Max	dB(A)	52	53	59	59	60
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	39/36/32/28	41/38/34/30	44/40/35/27	44/40/35/27	46/42/38/31
Air flow volume (P-Hi/Hi/Me/Lo)	Cooling	m³/h	510/450/420/360	540/480/450/390	780/660/540/420	780/660/540/420	840/720/600/480
	Heating		570/510/450/390	600/540/480/420	780/660/540/420	780/660/540/420	840/720/600/480
Outdoor unit specifications							
Dimensions	LxDxH	mm	780(+62)x290x540	780(+62)x290x540	800(+71)x290x640	800(+71)x290x640	800(+71)x290x640
Net weight		Kg	31	34.5	45	45	45
Sound power level	Max	dB(A)	59	62	63	63	65
Sound pressure level	Max	dB(A)	47	50	52	51	53
Air flow volume	Max	m³/h	1644	1890	1980	2340	2490
Operating range (outdoor temperature)	Cooling	°C	-15~-+46	-15~-+46	-15~-+46	-15~-+46	-15~-+46
	Heating	°C	-15~-24	-15~-24	-20~-+20	-15~-24	-15~-24
Accessories							
Decorative panel			TC-PSA-5AW-E (honeycomb) / TC-PSAG-5AW-E (linear)				
Panel size	LxDxH	mm	620x620x10	620x620x10	620x620x10	620x620x10	620x620x10
Net weight		Kg	2.5	2.5	2.5	2.5	2.5
Wired control	RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)						
IR remote control (corner KIT)	RCN-TC-5AW-E3						
Optional parts							
Wi-Fi module	INWFIMHI001R100						
Human sensor (corner KIT)	LB-TC-5W-E						
SUPERLINK interface II	SC-ADNA-E						
Anti-draft panel	TC-PSAF-5AW-F (honeycomb) / TC-PSAGF-5AW-F (linear)						

1. Valore misurato secondo la norma armonizzata EN14511. 2. Regolamento UEN 206/2012. -- Valore misurato secondo la norma armonizzata EN14825. 3. Regolamento Delegato UEN 626/2011 relativo alla nuova etichettatura indicante il consumo di energia dei condizionatori d'aria. 4. La perdita di refrigerante contribuisce al cambiamento climatico. In caso di rilascio nell'atmosfera, i refrigeranti con un potenziale di riscaldamento globale (GWP) più basso contribuiscono in misura minore al riscaldamento globale rispetto a quelli con un GWP più elevato. Questo apparecchio contiene un fluido refrigerante con un GWP di 675. Se 1 kg di questo fluido refrigerante fosse rilasciato nell'atmosfera, quindi, l'impatto sul riscaldamento globale sarebbe 675 volte più elevato rispetto a 1 kg di CO₂ per un periodo di 100 anni. In nessun caso l'utente deve cercare di intervenire sul circuito refrigerante o di disassemblare il prodotto. In caso di necessità occorre sempre rivolgersi a personale qualificato.