FDTC & FDT CASSETTE

TOP 14 kg FDTC

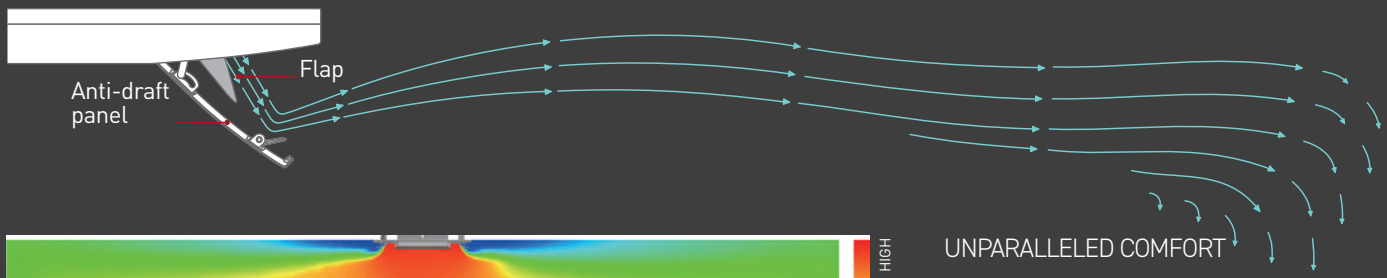
The lightest model on the market

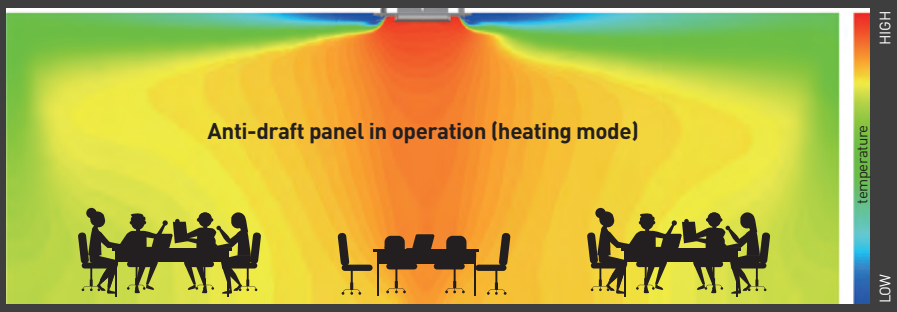
TOP Fresh air intake, via a dedicated accessory, to introduce additional m³/h through the cassette unit.

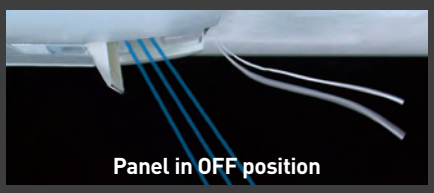
Anti-draft panel (optional)

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.







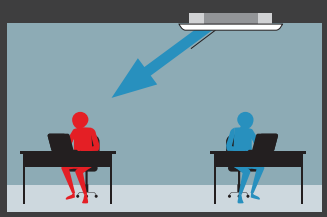
UNPARALLELED COMFORT

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 unit is not running.

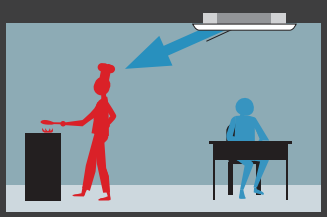
Individual control of the four flaps (standard and anti-draft panels)

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



To reach people further away from the unit.

To reach only people who are 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

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

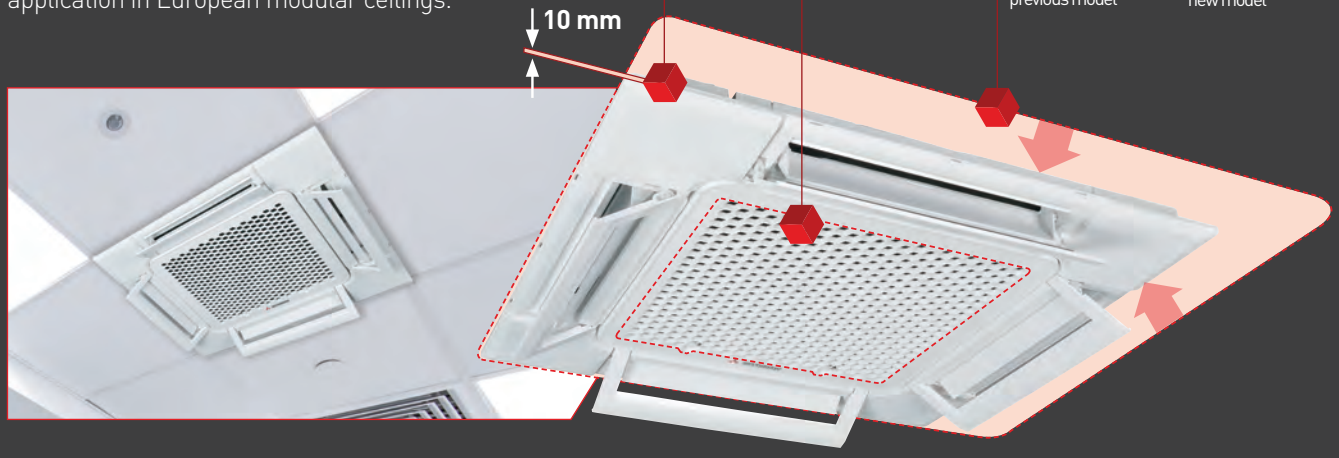
The FDTC panel perfectly adheres to the ceiling because it only protrudes 10 mm.

HONEYCOMB GRILLE

VERY COMPACT DESIGN

The panel dimensions adapt perfectly to European modular ceiling lattices.

700 mm → **620 mm**
previous model — new model



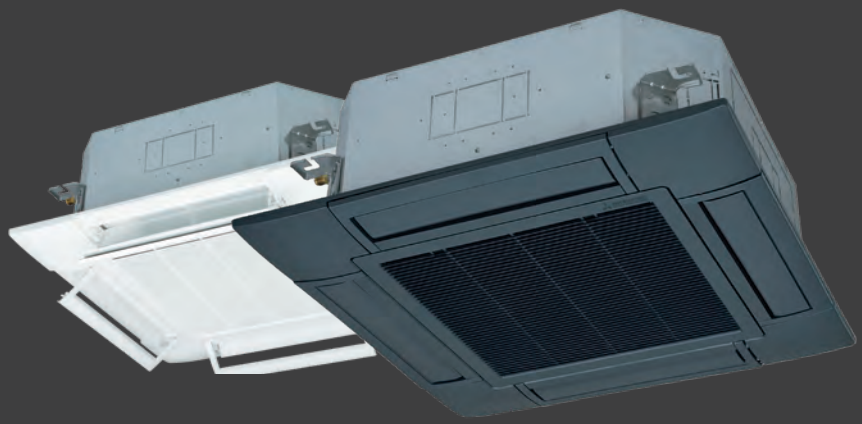
Standard linear and honeycomb panels

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

MITSUBISHI HEAVY INDUSTRIES

LIGHT COMMERCIAL

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

OPTIONAL

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

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

*optional

Indoor unit model			FDT 40 VH	FDT 50 VH	FDT 60 VH
Outdoor unit model			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	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	0.89	1.29	1.33
Rated energy efficiency coefficient		EER[1]	4.49	3.88	4.21
Rated capacity (T=+7°C)	Heating	kW	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	1.03	1.31	1.56
Rated energy performance coefficient		COP[1]	4.37	4.12	4.29
Seasonal data					
Design load (Pdesignc)	Cooling	kW	4.00	5.00	5.60
Seasonal energy efficiency index		SEER[2]	8.63	7.93	8.74
Seasonal energy efficiency class		626/2011[3]	A+++	A++	A+++
Annual energy consumption		kWh/y	163	221	225
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	3.90	4.00	5.20
Seasonal performance coefficient		SCOP[2]	4.62	4.63	5.00
Seasonal energy efficiency (ns)		%	181.80	182.20	197.00
Seasonal energy efficiency class		626/2011[3]	A++	A++	A++
Annual energy consumption		kWh/y	1167	1210	1455
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		
Power cable		Type	3 x 4 mm2	3 x 4 mm2	3 x 4 mm2
Wiring cables I.U./O.U.		nb.	4	4	4
Nominal absorbed current	Cooling	A	4.00	5.80	5.90
	Heating	A	4.60	5.90	6.90
Max current		A	15.00	15.00	15.00
Max power input		kW	2.60	2.90	2.90
Refrigerant circuit data					
Refrigerant[4]		Type (GWP)	R32 (675)		
Refrigerant precharge		Kg	1.30	1.30	1.30
Tons of CO2 equivalent		t	0.878	0.878	0.878
Diameter of refrigerant pipings liquid/gas		mm (inch.)	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	30	30	30
Max splitting level difference I.U./O.U.		m	20	20	20
Max. splitting without additional charge		m	15	15	15
Additional charge		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 levela (P-Hi/Hi/Me/Lo)	Cooling	dB(A)	36/33/30/26	41/33/30/26	44/34/30/27
	Heating		36/33/28/20	42/33/28/20	44/34/30/23
Air flow 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	51	53
Air flow volume	Max	m3/h	1980	2340	2490
Operating range (outdoor temperature)	Cooling	°C	-15~+46	-15~+46	-15~+46
	Heating	°C	-20~+20	-15~24	-15~24
Accessories					
Decorative panel			T-PSA-5BW-E (white)/ T-PSA-5BB-E (black)		
Panel size	LxDxH	mm	950x950x35	950x950x35	950x950x35
Net weight		Kg	5	5	5
Wired control			RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)		
IR remote control (corner KIT)			RCN-T-5BW-E2 (white)/ RCN-T-5BB-E2 (black)		
Optional parts					
Wi-Fi module			INWFIMHI001R100		
Human sensor (corner KIT)			LB-T-5BW-E (white)/ LB-T-5BB-E (black)		
SUPERLINK interface II			SC-ADNA-E		
Anti-draft panel			T-PSAE-5BW-E (white)/ T-PSAE-5BB-E (black)		

1. Value measured according to harmonised standard EN14511. 2. EU Regulation N.206/2012- N.2281/2016 -Value measured according to harmonised standard EN14825. 3. Delegated Regulation UE N.626/2011 with regard to energy labelling indicating the energy consumption of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants 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.

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