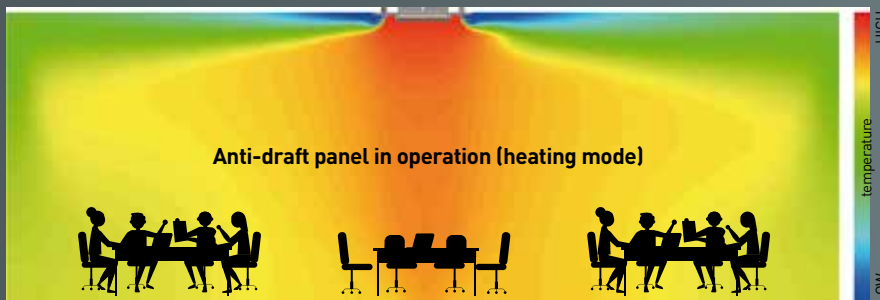
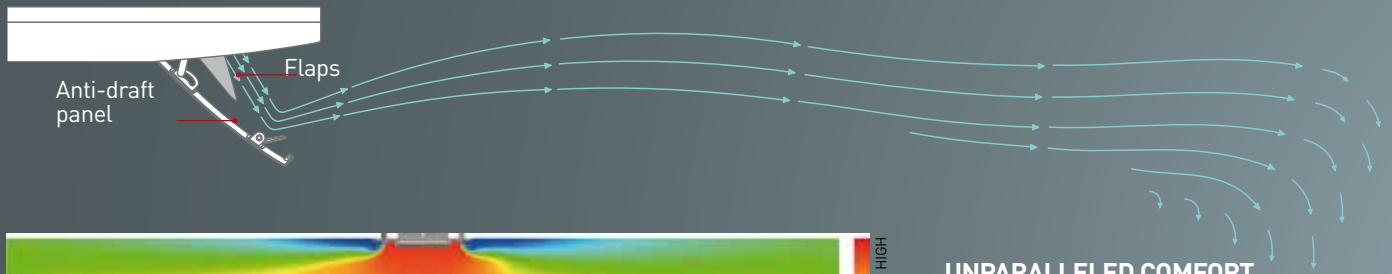


FDTC AND FDT CASSETTE

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

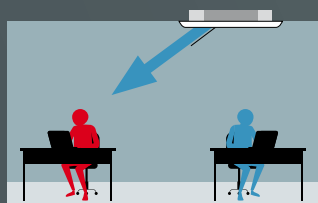
The anti-draft panel ensures a uniform air flow and a comfortable temperature in the room, both in cooling and in heating: it can be controlled to instantly eliminate any air currents that are too cold or too hot.

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 unit is not running.



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

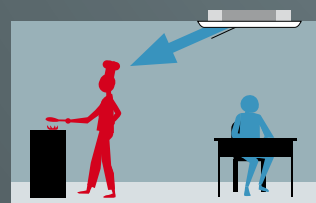
The flap control system lets you direct the air flow as needed



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.

10 mm

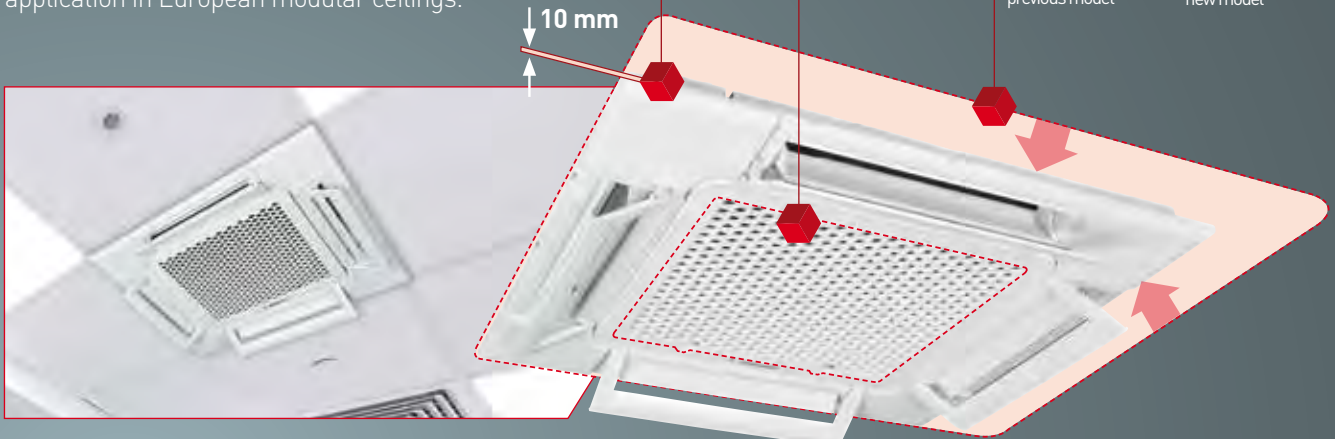
HONEYCOMB GRILLE

New grille design.

VERY COMPACT DESIGN

The panel dimensions adapt perfectly to European modular ceiling lattices.

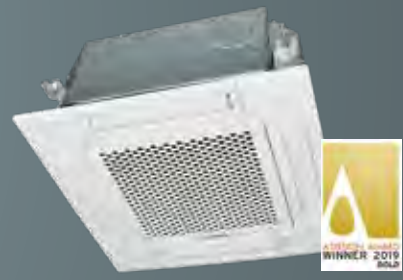
700 mm → 620 mm
previous model new model



Standard linear and honeycomb panels



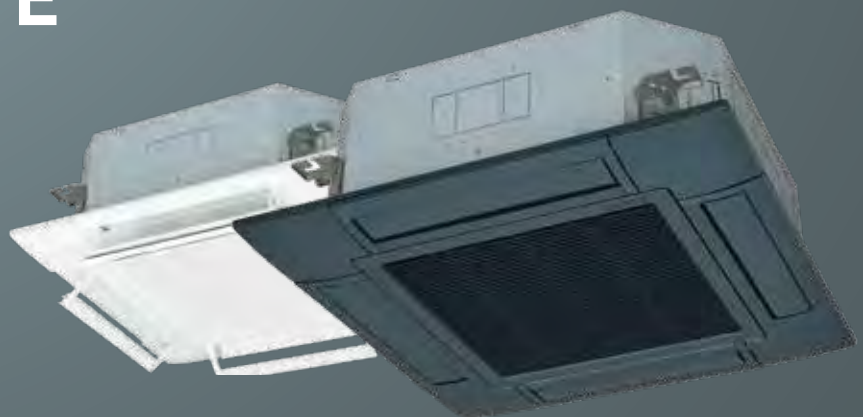
Standard linear panel



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 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
Anti-draft black panel
T-PSAE-5BB-E



| Indoor unit model | | | FDT 40 VH | FDT 50 VH | FDT 60 VH |
|--|---|-----------------------|----------------------------|----------------------------|----------------------------|
| Outdoor unit model | | | SRC 40 ZSX-W1 | SRC 50 ZSX-W2 | SRC 60 ZSX-W1 |
| Type | | | DC-Inverter heat pump | | |
| Cooling | 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) | kW | 0.89 | 1.29 | 1.33 |
| | Rated energy efficiency coefficient | EER ³ | 4.49 | 3.88 | 4.21 |
| | Seasonal energy efficiency class | 626/2011 ¹ | A+++ | A++ | A+++ |
| | Seasonal energy efficiency index | SEER ² | 8.63 | 7.93 | 8.74 |
| | Annual energy consumption | kWh/a | 163 | 221 | 225 |
| | Theoretical load (Pdesignc) | kW | 4.00 | 5.00 | 5.60 |
| Heating | 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) | kW | 1.03 | 1.31 | 1.56 |
| | Rated energy performance coefficient | COP ³ | 4.37 | 4.12 | 4.29 |
| | Energy efficiency class (average season) | 626/2011 ¹ | A++ | A++ | A++ |
| | Seasonal energy efficiency class index (average season) | SCOP ² | 4.62 | 4.63 | 5.00 |
| | Annual energy consumption | kWh/a | 1167 | 1210 | 1455 |
| | Theoretical load (Pdesignh) @-10°C | kW | 3.90 | 4.00 | 5.20 |
| Operating limits (outside temperature) | Cooling | °C | | -15~+46 | |
| | Heating | °C | | -20~+20 | |
| Electrical data | | | | | |
| Power | Outdoor unit | Ph-V-Hz | 1-220~240V-50Hz | | |
| Power cable | | Type | 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 |
| Rated absorbed current | Cooling | A | 4.00 | 5.80 | 5.90 |
| | 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 | 2.90 |
| Refrigerant circuit | | | | | |
| Refrigerant (GWP) ⁴ | | | R32 (675) | R32 (675) | R32 (675) |
| Quantity refrigerant pre-load | Kg | | 1.3 | 1.3 | 1.3 |
| Tons of CO ₂ equivalent | t | | 0.878 | 0.878 | 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 | m | | 30 | 30 | 30 |
| Max height difference I.U./O.U. | m | | 20 | 20 | 20 |
| Splitting length without additional load | m | | 15 | 15 | 15 |
| Additional load | g/m | | 20 | 20 | 20 |
| Specifications of indoor units | | | | | |
| Dimensions | LxDxH | mm | 840x840x236 | 840x840x236 | 840x840x236 |
| Net weight | | Kg | 19 | 19 | 21 |
| Sound pressure level (I.U.) | SHi/Hi/Mi/Lo | dB(A) | 36/33/30/26 | 41/33/30/26 | 44/34/30/27 |
| Sound power level (I.U.) | Hi | dB(A) | 50 | 56 | 59 |
| Handled air volume | SHi/Hi/Mi/Lo | m ³ /h | 1140/960/780/600 | 1320/960/780/600 | 1560/1020/840/660 |
| Motor power (Output) | | W | 50 | 50 | 50 |
| Condensate drain pipe | ø internal | mm | 25 | 25 | 25 |
| Specifications of outdoor units | | | | | |
| Dimensions | LxDxH | mm | 800(+71)x290x640 | 800(+71)x290x640 | 800(+71)x290x640 |
| Net weight | | Kg | 45 | 45 | 45 |
| Sound pressure level (O.U.) | | dB(A) | 52 | 52 | 53 |
| Sound power level (O.U.) | | dB(A) | 63 | 63 | 65 |
| Handled air (Max) | | m ³ /h | 1980 | 2340 | 2490 |
| Motor power (Output) | | W | 34 | 34 | 34 |
| Accessories | | | | | |
| Standard black/white panel | | | T-PSA-5BW-E/T-PSA-5BB-E | | |
| Panel dimensions | LxDxH | mm | 950x950x35 | 950x950x35 | 950x950x35 |
| Net weight | | Kg | 5 | 5 | 5 |
| Optional parts | | | T-PSAE-5BW-E/T-PSAE-5BB-E | | |
| Anti-draft black/white panel | | | INWFIMH001R000 | | |
| Wi-Fi module | | | RC-E5 / RC-EX3A | | |
| Wired remote control | | | RCH-E3 | | |
| Basic wire remote control | | | RCN-T-5BW-E2/RCN-T-5BB-E2 | | |
| IR remote control (corner KIT) black/white | | | LB-T-5BW-E2/LB-T-5BB-E2 | | |
| Human sensor (corner KIT) - black/white | | | SC-ADNA-E | | |
| SUPERLINK II interface | | | | | |

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 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.