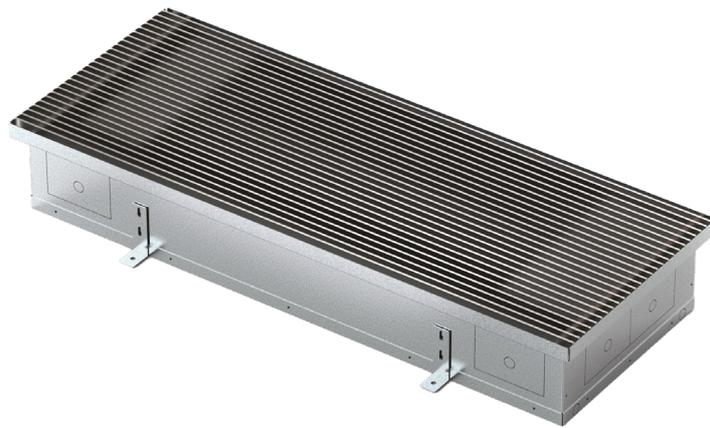


Fan coil for in-floor installation

Datasheet
1127EN  01/2026



High-efficiency fan coil for flush-mount in-floor installation, fit for architectural contexts with large facades requiring sun shading in summer or protection from uncomfortable cold drafts in winter.
The fan coil creates an air barrier which envelopes the exposed glass surfaces to neutralize thermal discomfort.

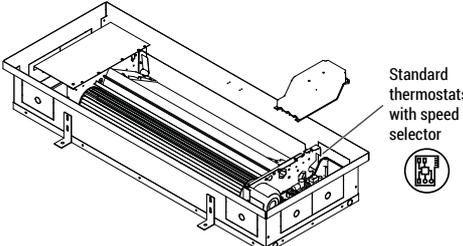
Main features

- 3 different output versions
- Compact dimensions and reduced installation space
- 2-pipe version, with right-side connections
- DC inverter technology for very low energy consumptions and state-of-the-art operational stability
- Top-notch working quietness
- Electronic cards for wall-mount remote control with fix speed
- "Open window" dry contact inlet for automatic on/off control of the fan coil.

Complete with:

- galvanized metal case for concealed in-floor installation, it enables to perform wiring and hydronic connections to install the unit
- walkable covering grid: it perfectly matches the case and includes a fix deflector to distribute the air flow. Easy to remove for full maintenance of the unit.

➤ Versions and product codes

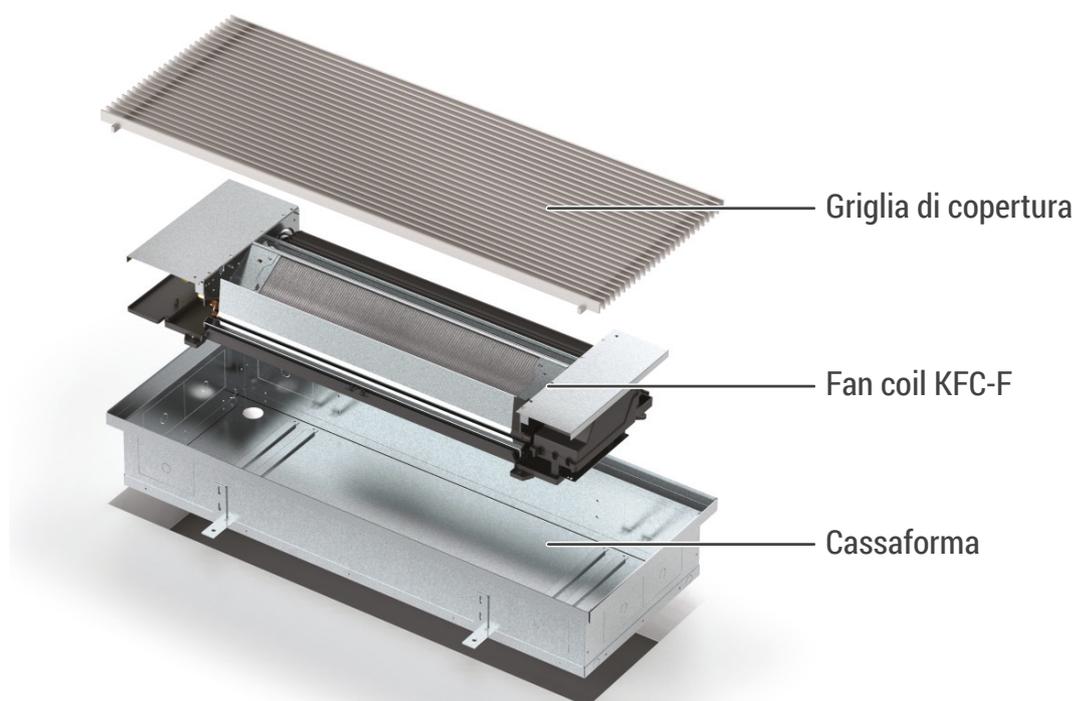
| PRODUCT CODE | VERSION | CONNECTIONS | CHARACTERISTICS |
|--------------|---------|----------------------|--|
| KFCFF004 | 400 | | Electronic board for wall remote control with fix speeds |
| KFCFF006 | 600 | 3/4"E right-sided |  <p>Standard thermostats with speed selector</p> |
| KFCFF008 | 800 | | |

Completion codes

- **KFCFAC004**: galvanized metal case for flush-mount in-floor installation, dimensions 895 x 431 x 189 mm, for KFC-F version 400
- **KFCFAC006**: galvanized metal case for flush-mount in-floor installation, dimensions 1095 x 431 x 189 mm, for KFC-F version 600
- **KFCFAC008**: galvanized metal case for flush-mount in-floor installation, dimensions 1295 x 431 x 189 mm, for KFC-F version 800
- **KFCFAG004**: aluminum walkable covering grid, dimensions 890 x 427 x 30 mm, for KFC-F version 400
- **KFCFAG006**: aluminum walkable covering grid, dimensions 1090 x 427 x 30 mm, for KFC-F version 600
- **KFCFAG008**: aluminum walkable covering grid, dimensions 1290 x 427 x 30 mm, for KFC-F version 800

Accessories

- **R439KFCY001**: connection kit for fan coils with 3/4"E connections and increased Kv, composed of: insulated angle supply valve with manual handwheel and M30 x 1,5 mm connection; insulated angle return lockshield with mechanical adjustment using a 6 mm hex key; straight spacer fitting with manual air vent valve; nr.2 90° elbow fittings
- **R473HEX001**: thermo-electric actuator, normally closed, equipped with adaptor for M30 x 1,5 mm connection



Technical data

| VERSION | m.u. | 400 | 600 | 800 |
|--|-------------------|------|----------|------|
| COOLING PERFORMANCE (W 7/12 °C; A 27 °C) | | | | |
| Cooling total output ⁽¹⁾ | kW | 1,21 | 1,62 | 2,12 |
| Cooling sensible output ⁽¹⁾ | kW | 1,01 | 1,44 | 1,99 |
| Water flow rate ⁽¹⁾ | l/h | 208 | 279 | 365 |
| Losses of pressure ⁽¹⁾ | kPa | 11,2 | 5,1 | 5,3 |
| HEATING PERFORMANCE (W 45/40 °C; A 20 °C) | | | | |
| Heating output ⁽²⁾ | kW | 1,51 | 2,03 | 2,62 |
| Water flow rate ⁽²⁾ | l/h | 260 | 349 | 451 |
| Losses of pressure ⁽²⁾ | kPa | 16,1 | 7,3 | 8,1 |
| HYDRAULIC DATA | | | | |
| Coil water content | L | 0,5 | 0,61 | 0,77 |
| Max working pressure | bar | 10 | 10 | 10 |
| Hydraulic connections | " | | 3/4"E | |
| AERUALIC DATA | | | | |
| Air flow rate at max speed | m ³ /h | 228 | 331 | 440 |
| Air flow rate at medium speed | m ³ /h | 155 | 229 | 283 |
| Air flow rate at min speed | m ³ /h | 84 | 124 | 138 |
| Max static pressure available | Pa | 10 | 10 | 10 |
| ELECTRIC DATA | | | | |
| Power supply voltage | V/ph/Hz | | 230/1/50 | |
| Power absorbed at max speed | W | 19 | 20 | 29 |
| Max current absorbed | A | 0,16 | 0,18 | 0,26 |
| Power absorbed at max speed | W | 4 | 4 | 4 |
| ACOUSTIC DATA | | | | |
| Max acoustic power ⁽³⁾ | dB(A) | 53 | 54 | 55 |
| Acoustic pressure at max air flow rate ⁽⁴⁾ | dB(A) | 40 | 41 | 42 |
| Acoustic pressure at medium air flow rate ⁽⁴⁾ | dB(A) | 33 | 34 | 34 |
| Acoustic pressure at min air flow rate ⁽⁴⁾ | dB(A) | 25 | 25 | 26 |
| DIMENSIONS AND WEIGHTS | | | | |
| Total width | mm | 895 | 1095 | 1295 |
| Total height | mm | 431 | 431 | 431 |
| Total depth | mm | 189 | 189 | 189 |
| Net weight | kg | 14,0 | 16,0 | 19,0 |

(1) Coil delivery water temperature 7 °C, Coil return water temperature 12 °C, Air room temperature 27 °C d.b. and 19 °C h.b. (according to EN 1397)

(2) Coil delivery water temperature 45 °C, Coil return water temperature 40 °C, Air room temperature 20 °C d.b. and 15 °C h.b. (according to EN 1397)

(3) Acoustic power measured according to EN 16583

(4) Acoustic pressure from 1 m measured according to ISO 7779

➤ Installation example



➤ Reference standards

CE and UKCA certification.

The CE marking certifies compliance with the European Community standards listed below:

- Low-voltage Standard 2014/35/EU
- Electromagnetic Compatibility Standard 2014/30/EU
- RoHS 2011/65/EU Directive

➤ Product specifications

KFC-F

High-efficiency fan coil for flush-mount in-floor installation, fit for architectural contexts with large glass walls requiring sun screening in summer or protection from discomfortable cold drafts in winter. The fan coil creates an air barrier which envelopes the exposed glass surfaces to neutralize thermal discomfort. 2-pipe version, with right-side connections. DC inverter technology for very low energy consumptions and state-of-the-art operational stability. Version available with electronic board for wall remote control with fix speeds. "Open window" inlet for automatic deactivation and activation of the fan coil. Available with three different outputs. Hydraulic connections 3/4"E. Cooling total output: 1,21 / 1,62 / 2,12 kW. Heating output: 1,51 / 2,03 / 2,62 kW. Max working pressure: 10 bar. Air flow rate at max speed: 228 / 331 / 440 m³/h. Power supply voltage: 230 V / 1 ph / 50 Hz. Max static pressure available: 10 Pa. Max acoustic power: 53 / 54 / 55 dB. Dimensions (W x H x D): 895 x 431 x 189 mm / 1095 x 431 x 189 mm / 1295 x 431 x 189 mm Weight: 14 / 16 / 19 kg.

Complete with: galvanized metal case for concealed in-floor installation which enables to perform wiring and hydronic connections to install the unit; walkable covering grid that perfectly matches the case and includes a fix deflector to distribute the air flow; easy to remove for complete maintenance of the unit.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

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♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.