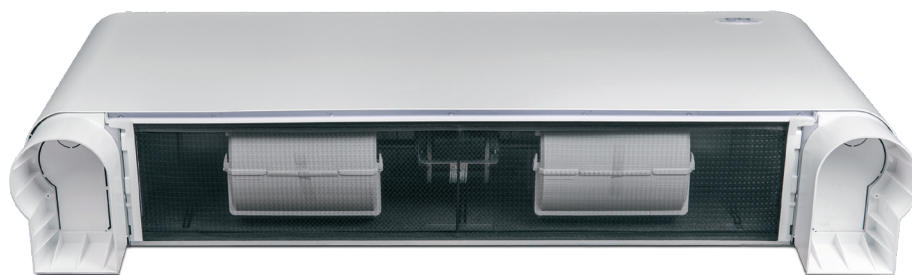
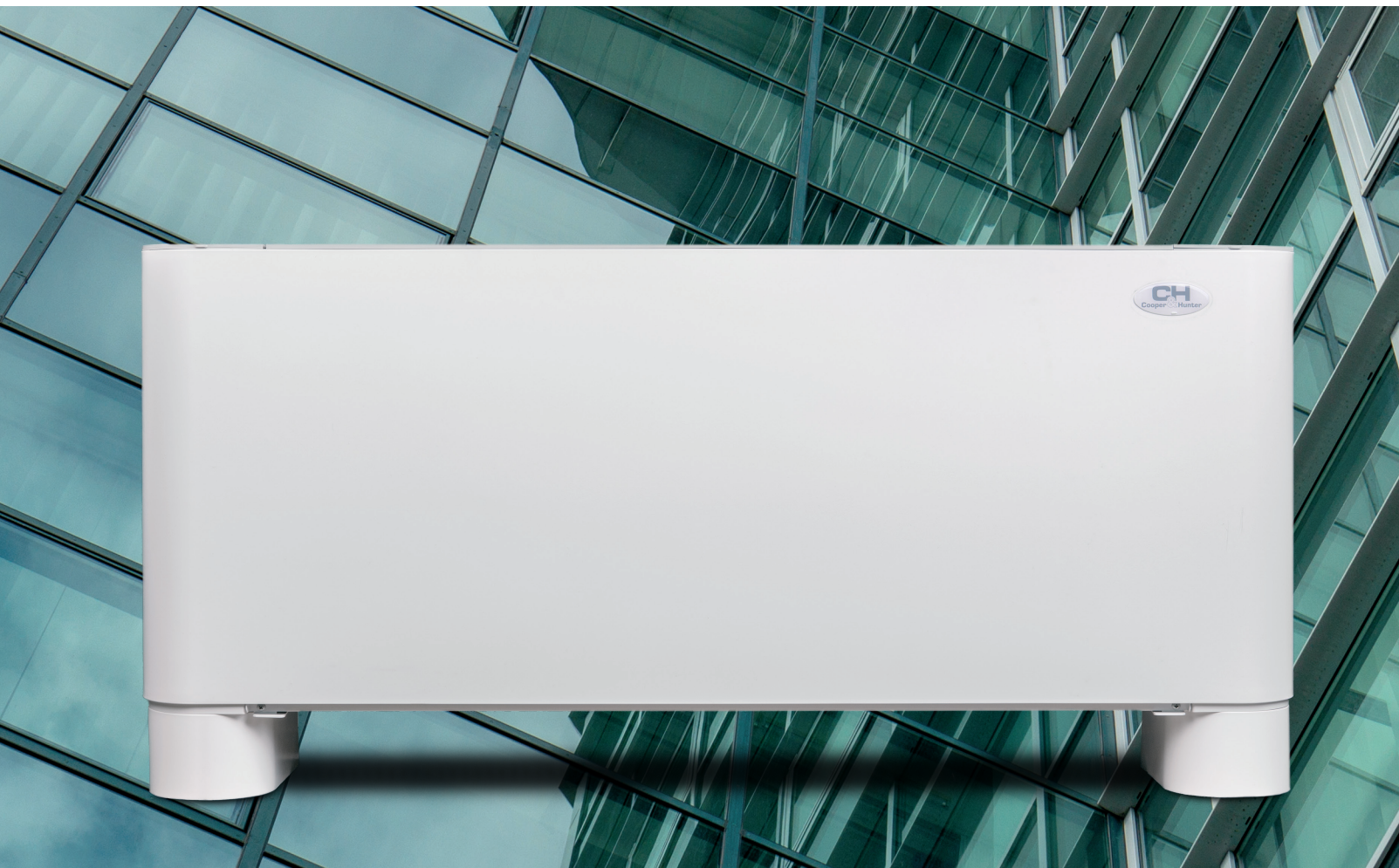


# FLOOR-CEILING TYPE FANCOILS



- ▶ Finned type heat exchanger with copper tubes and aluminum fins, with the possibility of choosing the connection side (left/right).
- ▶ Three speeds of the low-noise centrifugal fan.
- ▶ The direct drive motor is equipped with internal thermal protection and a capacitor.

- ▶ The body is made of pre-painted, galvanized steel sheet, covered with a protective PVC coating, equipped with sound insulation, grills made of heat-resistant ABS plastic.
- ▶ A tray for collecting condensate with a drain included in the set – with anti-condensate insulation.
- ▶ Filter from regenerated polypropylene.

# TECHNICAL PARAMETERS

|                              |                              |          | CH-FFC22K2                         | CH-FFC30K2        | CH-FFC42K2        | CH-FFC53K2        | CH-FFC67K2        | CH-FFC82K2        |
|------------------------------|------------------------------|----------|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Power supply                 |                              |          | ~220-240 V/50 Hz/1 Ph              |                   |                   |                   |                   |                   |
| Air flow (H/M/L)*            |                              | m³/h     | 255/192/139                        | 425/284/184       | 595/450/319       | 800/574/404       | 1150/885/591      | 1300/1132/836     |
|                              |                              | CFM      | 150/113/82                         | 250/167/109       | 350/265/188       | 471/338/238       | 677/521/348       | 766/667/492       |
| External static pressure     |                              | Pa       | 0                                  |                   |                   |                   |                   |                   |
| Cooling                      | Capacity (H/M/L)*            | kW       | 2.25/1.85/1.46                     | 3.05/2.26/1.63    | 4.20/3.38/2.48    | 5.35/4.25/3.31    | 6.75/5.80/4.24    | 8.25/7.52/5.87    |
|                              | Water flow (H/M/L)*          | l/h      | 386/317/249                        | 523/387/280       | 720/580/425       | 917/729/567       | 1157/995/727      | 1414/1289/1007    |
|                              | Water pressure drop (H/M/L)* | kPa      | 49.29/33.22/21.74                  | 33.66/19.73/10.61 | 44.3/29.14/16.91  | 68.61/46.24/29.71 | 46.5/33.73/18.66  | 74.76/63.56/40.28 |
| Heating                      | Capacity (H/M/L)*            | kW       | 2.35/1.87/1.40                     | 3.15/2.09/1.38    | 4.10/3.25/2.39    | 5.70/4.36/3.22    | 7.15/5.81/4.04    | 8.50/7.60/5.72    |
|                              | Water flow (H/M/L)*          | l/h      | 403/320/240                        | 540/357/237       | 703/557/409       | 977/747/552       | 1226/996/692      | 1457/1302/981     |
| Water pressure drop (H/M/L)* |                              | kPa      | 36.51/24.61/16.1                   | 25.84/13.93/6.77  | 39.56/26.06/14.63 | 59.39/36.80/21.25 | 44.27/30.11/15.39 | 65.06/49.83/30.28 |
| Power input (H/M/L)*         |                              | W        | 40/24/15                           | 47/26/14          | 51/32/19          | 91/54/35          | 110/89/64         | 118/104/82        |
| Current input                |                              | A        | 0.17/0.10/0.07                     | 0.20/0.11/0.06    | 0.22/0.14/0.08    | 0.40/0.24/0.15    | 0.48/0.39/0.28    | 0.51/0.45/0.36    |
| Sound power level (H/M/L)*   |                              | dB(A)    | 53/47/39                           | 47/38/32          | 52/45/37          | 59/51/43          | 62/56/46          | 62/58/50          |
| Fan motor                    |                              | Type     | AC fan motor                       |                   |                   |                   |                   |                   |
|                              |                              | Quantity | 1                                  |                   |                   |                   |                   |                   |
| Fan                          | Type                         |          | Centrifugal, forward-curved Blades |                   |                   |                   |                   |                   |
|                              | Quantity                     |          | 1                                  | 2                 |                   |                   | 3                 |                   |
| Coil                         | Row                          |          | 4                                  |                   |                   |                   |                   |                   |
|                              | Max. pressure                | MPa      | 1.6                                |                   |                   |                   |                   |                   |
| Dimensions (W×D×H)           |                              | mm       | 495×200×790                        | 495×200×1020      | 495×200×1240      | 495×200×1240      | 495×200×1360      | 591×200×1360      |
| Packing dimensions (W×D×H)   |                              | mm       | 595×300×895                        | 595×300×1125      | 595×300×1345      | 595×300×1345      | 595×300×1465      | 695×300×1465      |
| Net weight                   |                              | kg       | 16.7                               | 20.8              | 25.4              | 25.4              | 28.5              | 34.0              |
| Gross weight                 |                              | kg       | 22.2                               | 26.8              | 32.4              | 32.4              | 36.0              | 42.0              |
| Piping inlet/outlet          |                              | inch     | 3/4" Female BSP                    |                   |                   |                   |                   |                   |
| Drainage pipe                |                              | mm       | OD Ø 18.5                          |                   |                   |                   |                   |                   |

- Notes
1. H: high fan speed; M: average fan speed; L: low fan speed
  2. Cooling conditions: inlet water 7°C, outlet water 12°C, inlet air temperature 27°C DB, 19°C WB.
  3. Heating conditions: inlet water 40°C, outlet water 45°C, inlet air temperature 20°C DB.
  4. Noise is tested in a semi-anechoic test room

# OVERALL DIMENSIONS

