



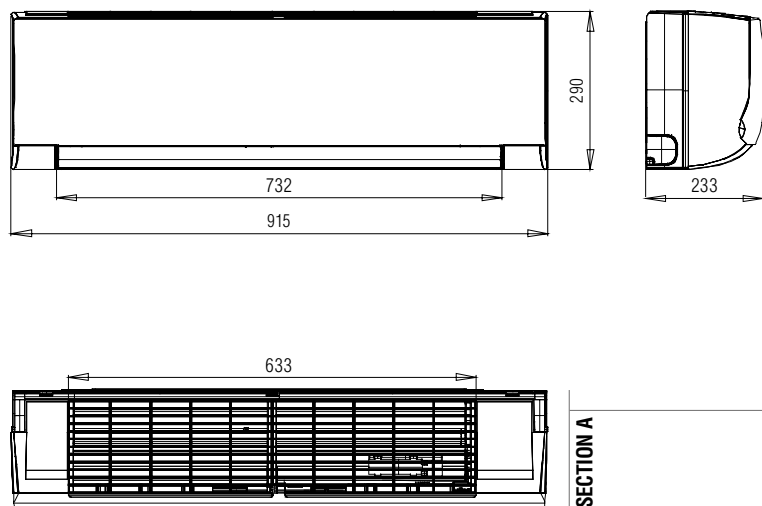
### > GENERAL CHARACTERISTICS

- Terminal units designed for wall-mounted installation
- Designed to be combined with a boiler, a heat pump or a chiller, they can be used both in winter and summer
- The range consists of 3 models with cooling power from 2.4 kW to 3.8 kW and three fan speeds
- JOLLY UP fan coils are designed to operate serial network up to 64 machines with the help of a concentrator available as an accessory

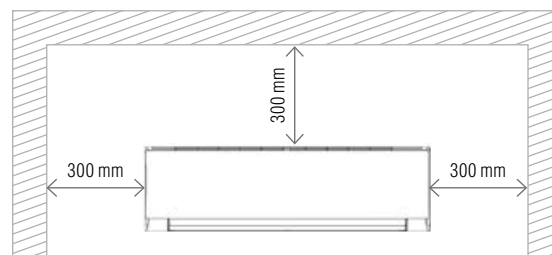
### > CONSTRUCTION FEATURES

- Supplied as standard with:
  - > Infrared remote control for temperature adjustment and unit settings
  - > 3-way on/off valve 230V
- Electronic board with relay outputs for heating or cooling request
- White ABS external structure with display and interface led on the front panel
- Tangential fan
- EC motor with low consumption
- Condensate collecting tray
- Hydraulic connections can be made both to the right and to the left of the unit via two hoses
- Can be combined with supervision systems (BMS) and/or home automation via Modbus protocol

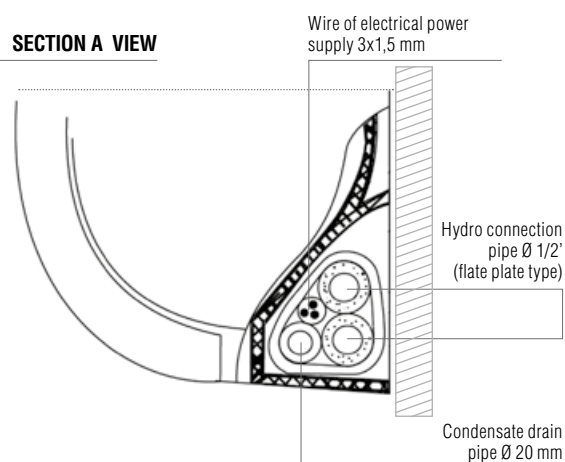
### > DIMENSIONS



### > MINIMUM DISTANCES FOR INSTALLATION



### SECTION A VIEW



| JOLLY UP                                                                           |                      |     |         | 30           | 35          | 45          |
|------------------------------------------------------------------------------------|----------------------|-----|---------|--------------|-------------|-------------|
| Power supply                                                                       |                      |     | V/Ph/Hz | 220-240/1/50 |             |             |
| WATER (IN-OUT) 7°C - 12°C - ROOM AIR 27°C D.B. 19°C W.B.                           |                      |     |         |              |             |             |
| Cooling                                                                            | Capacity             | Max | kW      | 2.70         | 2.91        | 3.81        |
|                                                                                    |                      | Mid | kW      | 2.59         | 2.54        | 3.30        |
|                                                                                    |                      | Low | kW      | 2.39         | 2.19        | 2.88        |
|                                                                                    | Water flow rate      | Max | m³/h    | 0.48         | 0.51        | 0.67        |
|                                                                                    |                      | Mid | m³/h    | 0.46         | 0.45        | 0.57        |
|                                                                                    |                      | Low | m³/h    | 0.42         | 0.38        | 0.51        |
|                                                                                    | Water pressure drop  | Max | kPa     | 31.6         | 37.2        | 56.8        |
|                                                                                    |                      | Mid | kPa     | 28.63        | 29.73       | 41.23       |
|                                                                                    |                      | Low | kPa     | 25.36        | 23.36       | 33.02       |
|                                                                                    | Electric power input | Max | W       | 13           | 15          | 33          |
|                                                                                    |                      | Mid | W       | 11           | 11          | 22          |
|                                                                                    |                      | Low | W       | 10           | 9           | 15          |
| WATER (IN-OUT) 45°C - 40°C - ROOM AIR 20°C                                         |                      |     |         |              |             |             |
| Heating                                                                            | Capacity             | Max | kW      | 2.94         | 3.23        | 4.30        |
|                                                                                    |                      | Mid | kW      | 2.02         | 2.77        | 3.65        |
|                                                                                    |                      | Low | kW      | 1.86         | 2.42        | 3.09        |
|                                                                                    | Water flow rate      | Max | m³/h    | 0.51         | 0.56        | 0.73        |
|                                                                                    |                      | Mid | m³/h    | 0.49         | 0.49        | 0.64        |
|                                                                                    |                      | Low | m³/h    | 0.46         | 0.42        | 0.56        |
|                                                                                    | Water pressure drop  | Max | kPa     | 37.5         | 40.6        | 61.9        |
|                                                                                    |                      | Mid | kPa     | 34.9         | 31.5        | 47.5        |
|                                                                                    |                      | Low | kPa     | 30.2         | 25.1        | 35.7        |
|                                                                                    | Electric power input | Max | W       | 11           | 14          | 31          |
|                                                                                    |                      | Mid | W       | 11           | 10          | 20          |
|                                                                                    |                      | Low | W       | 9            | 8           | 14          |
| GENERAL DATA                                                                       |                      |     |         |              |             |             |
| Air flow                                                                           |                      | Max | m³/h    | 492          | 585         | 825         |
|                                                                                    |                      | Mid | m³/h    | 454          | 485         | 689         |
|                                                                                    |                      | Low | m³/h    | 400          | 413         | 590         |
| Sound pressure level<br>(measured at 1 meter distance in<br>reverberation chamber) |                      | Max | dB(A)   | 32           | 32          | 45          |
|                                                                                    |                      | Mid | dB(A)   | 30           | 27          | 39          |
|                                                                                    |                      | Low | dB(A)   | 27           | 23          | 35          |
| Sound power level                                                                  |                      | Max | dB(A)   | 44           | 57          | 50          |
|                                                                                    |                      | Mid | dB(A)   | 42           | 51          | 46          |
|                                                                                    |                      | Low | dB(A)   | 39           | 47          | 42          |
| Motor's electrical compsunction                                                    |                      | Max | A       | 0.16         | 0.19        | 0.28        |
| Max work pressure                                                                  |                      |     | bar     | 16           | 16          | 16          |
| Hydraulic connections                                                              |                      |     | inch    | G1/2         | G1/2        | G1/2        |
| Condensate drain                                                                   |                      | Ø   | mm      | 20           | 20          | 20          |
| Water content                                                                      |                      |     | lt      | 0.669        | 0.669       | 0.669       |
| Net / Gross weight                                                                 |                      |     | Kg      | 11.5 / 14.5  | 11.5 / 14.5 | 11.5 / 14.5 |
| CODE                                                                               |                      |     |         | 2CP0030F     | 2CP0031F    | 2CP0032F    |

## > ACCESSORIES

GCM09



### Wall-hung centralized control

It allows to connect up to 64 fan coils in a serial network and therefore allows, in unit or singularly for all connected fan coils, to:

1. Turn the units ON/OFF
2. Choose the hot-cold mode of operation
3. Display the room temperature and set the setpoint
4. Select the fan speed
5. Weekly schedule

2C09A3Q0