



Stylish reversible air conditioner without outdoor unit

Soloclim is a reversible air conditioner without outdoor unit. Soloclim can be installed on any type of wall and requires only two holes of 162 mm which enables a truly discreet and stylish installation. With self foldable grilles activated by the inlet and outlet airflow, Soloclim provides a better indoor climate with less dust, pollution and outside noise. Soloclim is controlled by the touch-screen control panel on the front of the unit or by the supplied remote control.

Almost invisible, outdoor and indoor

With no outdoor unit and an indoor unit depth of only 16 cm Soloclim is the slimmest air conditioner in its category. With its sleek design features Soloclim becomes almost invisible both inside as well as outside.

Optimised performances

Soloclim provides a comfortable room temperature, whether you want cooling or heating. The DC Inverter system ensures a low energy consumption, eliminates vibrations and reduces the sound level to exceptionally low values.

Quick and efficient

Soloclim can reach the set temperature quickly and automatically switch to comfort mode, maintaining the desired room temperature. This feature makes Soloclim very efficient while keeping energy consumption to a minimum.

Soloclim



Cooling



Heating



Dehumidification



Air conditioner Soloclim Horizontal

| Art. no | Type | Cooling output* ¹ [kW] | Heat output* ¹ [kW] | EER | COP | Voltage [V] | Refrigerant amount [kg] | WxHxD [mm] | Weight* ² [kg] |
|---------|----------------------------|--------------------------------------|-----------------------------------|------|------|----------------|----------------------------|---------------|------------------------------|
| 282044 | SC17DCI-MINI | 2,35 | 2,40 | 3,01 | 3,15 | 230V~ | 0,14 (R290) | 810x549x165 | 38 |
| 283421 | SC21DCIN | 2,64 | 2,64 | 3,29 | 3,31 | 230V~ | 0,65 (R32) | 1010x549x165 | 41 |
| 283422 | SC23DCIN | 3,10 | 3,05 | 3,25 | 3,28 | 230V~ | 0,65 (R32) | 1010x549x165 | 41 |
| 283423 | SC23DCI1000N* ³ | 3,10 | 3,05+0,9 | 3,25 | 3,28 | 230V~ | 0,65 (R32) | 1010x549x165 | 41 |

Air conditioner Soloclim Vertical

| Art. no | Type | Cooling output* ¹ [kW] | Heat output* ¹ [kW] | EER | COP | Voltage [V] | Refrigerant | WxHxD [mm] | Weight* ² [kg] |
|---------|----------|--------------------------------------|-----------------------------------|------|------|----------------|-------------|---------------|------------------------------|
| 999925 | SCV21DCI | 2,04 | 2,10 | 2,72 | 3,10 | 230V~ | R410a | 500x1398x185 | 57 |
| 999926 | SCV23DCI | 2,35 | 2,36 | 2,75 | 3,15 | 230V~ | R410a | 500x1398x185 | 57 |

| | | Horizontal | | | | Vertical | |
|--|-------------------|--------------|----------|----------|--------------|----------|----------|
| | | SC17DCI-MINI | SC21DCIN | SC23DCIN | SC23DCI1000N | SCV21DCI | SCV23DCI |
| Cooling*¹ | | | | | | | |
| Max. cooling output Dual Power* ⁴ | kW | 2,35 | 2,64 | 3,10 | 3,10 | 2,60 | 3,11 |
| Nominal cooling output* ⁴ | kW | 1,73 | 2,09 | 2,33 | 2,33 | 2,04 | 2,35 |
| Min. cooling output* ⁴ | kW | 0,70 | 0,83 | 0,92 | 0,92 | 0,81 | 0,92 |
| Dehumidification capacity* ⁴ | l/24h | 0,70 | 0,8 | 0,90 | 0,90 | 0,80 | 0,90 |
| Total power consumption* ⁴ | kW | 0,57 | 0,64 | 0,72 | 0,72 | 0,75 | 0,85 |
| Heating*¹ | | | | | | | |
| Max. heat output Dual Power* ⁵ | kW | 2,40 | 2,64 | 3,05 | 3,95 | 2,64 | 3,05 |
| Nominal heat output* ⁵ | kW | 1,71 | 2,08 | 2,31 | 2,31 | 2,10 | 2,36 |
| Min. heat output* ⁵ | kW | 0,75 | 0,71 | 0,79 | 0,79 | 0,68 | 0,79 |
| Total power consumption* ⁵ | kW | 0,54 | 0,63 | 0,71 | 0,71 | 0,65 | 0,75 |
| Max. absorbed current | | A | 3,90 | 4,10 | 4,60 | 8,50 | 4,10 |
| Air flow at max fan speed in/out | m ³ /h | 360/430 | 380/460 | 400/480 | 400/480 | 380/460 | 400/480 |
| Air flow at med fan speed in/out | m ³ /h | 300/360 | 310/380 | 320/390 | 350/390 | 310/380 | 320/390 |
| Air flow at min fan speed in/out | m ³ /h | 240/320 | 260/330 | 270/340 | 270/340 | 260/330 | 270/340 |
| Max/Min sound pressure* ⁶ | dB(A) | 39/27 | 39/26 | 41/27 | 41/27 | 39/26 | 41/27 |

*¹) According to standard EN 14511*²) Weight without refrigerant*³) Equipped with an electric coil that provides an additional 900 W*⁴) Outdoor air temperature 35 °C; relative humidity 41%. Ambient temperature 27 °C; relative humidity 47%.*⁵) Outdoor air temperature 7 °C; relative humidity 87%. Ambient temperature 20 °C; relative humidity 59%.*⁶) Indoor sound pressure measured in semi-anechoic chamber at a distance of 2 m.**Working conditions (Horizontal)**Cooling temperature, (indoor/outdoor, Dry Bulb) ; minimum 18 °C/-5 °C, maximum 35 °C/43 °C
Heating temperature, (indoor/outdoor, Dry Bulb) ; minimum 5 °C/-10 °C, maximum 27 °C/24 °C**Working conditions (Vertical)**Cooling temperature, (indoor/outdoor, Dry Bulb) ; minimum 18 °C/-5 °C, maximum 32 °C/43 °C
Heating temperature, (indoor/outdoor, Dry Bulb) ; minimum 5 °C/-10 °C, maximum 25 °C/18 °C**Energy classification according to the directive 626/2011**

Energy efficiency class cooling: A+. (SC17DCI-MINI: A).

Energy efficiency class heating: A.

Energy efficiency class cooling/heating: A. (Vertical).



Mounting

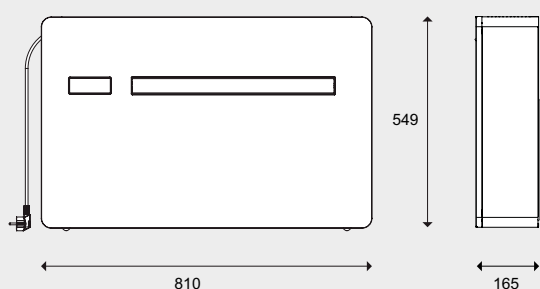
Soloclim is designed for indoor installation on an exterior wall. Soloclim is available both as horizontal or vertical units. The horizontal unit can be installed near the floor or higher up on the wall. Soloclim just requires two holes of 162 mm and a drainage to be drilled. The accessories needed for installation (installation template, mounting bracket, duct linings, outdoor grilles) are supplied with the product. An optional side installation kit makes it possible to place the outlet grilles on the side of the unit. For a high installation, a bottom plate is available as accessory.

Connection

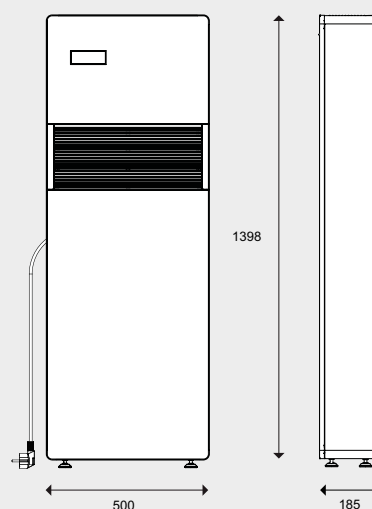
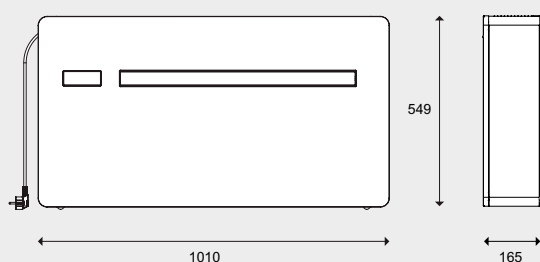
Soloclim is equipped with a 1,5 metre long cord with plug for connection to an earthed power socket.

For mounting, connection and other technical information, please see the manual.

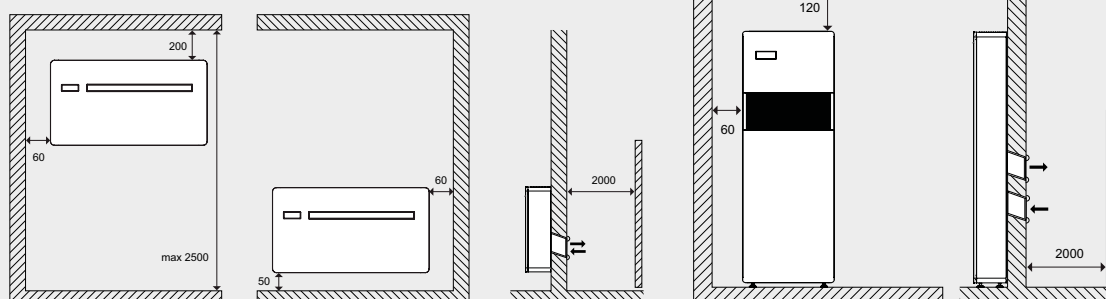
SC17DCIN-MINI



SC21DCIN, SC23DCIN(1000)



Minimum distances





Remote control and control panel

Soloclim is controlled by the touch-screen control panel on the front of the unit or by a remote control, with a working range of approximately eight metres. A child lock function is available to prevent changing the settings by mistake and the system has an inbuilt memory so no settings will be lost when the unit is turned off.

Useful features:

Automatic comfort mode

The unit selects cooling or heating mode automatically depending on the set temperature.

Cooling mode

Dehumidifies and cools the room, the desired temperature can be set between 16 and 31 °C.

Heating mode

Heats the room, the desired temperature can be set between 16 and 31 °C.

Dehumidification mode

Dehumidifies the room, selecting this mode is useful on rainy days when the temperature is pleasant, but the humidity excessive.

Comfort mode Night

Can be selected when the unit is in cooling or heating mode, to optimize sound level, energy savings and comfort during the night.

Fan mode

In this mode, neither heating, cooling nor dehumidification is done.

Timer

The unit can be programmed when to start or stop by using the timer.



Soloclim with lateral kit for outlet on the right side.

Accessories

SCKEG162, kit of external grilles

Paintable aluminum grilles with fixed fins. Includes 2 grilles, one each for external air inlet and outlet.

SCRPK, rain protection kit

Weather protection cover for external air inlet and outlet grilles. Includes 2 covers, one for each grille. Colour: white RAL 9003.

SCSFH1, bottom plate for high wall installation

Bottom plate to cover up visible part of the unit's undercarriage. Necessary for high wall installations.

SCKL/R, lateral kit for outlet on the side

Side installation kit embedded in the wall, allowing the air flow to be diverted laterally. Making it possible to install Soloclim on the wall and have the air inlet/outlet on the side.

| Item number | Type | Dimensions | Weight [kg] |
|-------------|-----------------|-----------------|-------------|
| 282045 | SCKEG162 | 180x180x20 mm | 0,5 |
| 282046 | SCRPK | 230x120x170 mm | 0,75 |
| 990547 | SCSFH1 | 940x15x155 mm | 1 |
| 999945 | SCKL | 1006x505x165 mm | 23 |
| 999946 | SCKR | 1006x505x165 mm | 23 |