

# DOLCECLIMA AIR PRO 14 [HP WIFI]

14,000 BTU/h\* of power. Also in heat pump



Cod. 02029



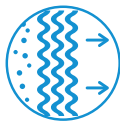
## HEAT PUMP

Available with a heat pump function to replace or enhance traditional heating during mid-season.



## MOTORISED FLAPS WITH AUTO-SWING

The air flow can be easily directed in the room, thanks to the motorised flap on the top of the unit



## PURE SYSTEM

Equipped with a multi-filtering system, consisting of an electrostatic filter (with anti-dust function) and activated carbon filter (effective against unpleasant odours).



## FOLLOW ME

The remote control acts as a remote thermostat to ensure correct temperature control in the point where the occupants are present in the room.

## FEATURES

Rated cooling capacity: 3.5 kW\*\*  
Energy class: A (on a range between A+++ and D)  
Sound pressure: 64dB(A)  
Rated energy efficiency index: EER 2.6\*\*  
Coolant gas: R290  
Anti-dust and activated carbon filter  
Multi-function remote control and LCD display  
Convenient side handles and wheels  
Window and air ejection hose kit included.

## FUNCTIONS

**Cooling, heating, dehumidification and ventilation (3 speeds)**  
**24 H timer**

**Eco function:** adjusts the cooling in relation to the room temperature to optimise consumption.

**Sleep and Silent functions:** for greater acoustic comfort.

**Turbo function:** maximum ventilation speed for super cooling.

**Blue Air/Auto function:** automatic ventilation speed for optimal air flow management.

**Follow Me function:** precise temperature detection in the point where the remote control is located.

**Auto-Restart function:** after a power failure, it restarts at the last function set.

\* Test conditions: maximum cooling power (35°C / 80% RH).

\*\* Test conditions: according to the EN 14511 standard.



|                                                                 |        |        | DOLCECLIMA AIR PRO A++ WIFI                                                            | DOLCECLIMA AIR PRO T3 A+ WIFI                                                            | DOLCECLIMA AIR PRO T4 HP WIFI                                                            |
|-----------------------------------------------------------------|--------|--------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| PRODUCT CODE                                                    |        |        | 02143                                                                                  | 02027                                                                                    | 02029                                                                                    |
| EAN CODE                                                        |        |        | 8021183021431                                                                          | 8021183020274                                                                            | 8021183020298                                                                            |
| Nominal cooling capacity (1)                                    | Prated | kW     |  2,4  |  2,9  |  3,5  |
| Nominal heating capacity (1)                                    | Prated | kW     | -                                                                                      | -                                                                                        |  2,9  |
| Nominal power consumption for cooling (1)                       | PEER   | kW     | 0,66                                                                                   | 0,95                                                                                     | 1,35                                                                                     |
| Nominal absorption for cooling (1)                              |        | A      | 2,9                                                                                    | 4,5                                                                                      | 5,90                                                                                     |
| Nominal power consumption for heating (1)                       | PCOP   | kW     | -                                                                                      | -                                                                                        | 1,05                                                                                     |
| Nominal absorption for heating (1)                              |        | A      | -                                                                                      | -                                                                                        | 5,00                                                                                     |
| Nominal energy efficiency index (1)                             | EERd   |        | 3,6                                                                                    | 3,1                                                                                      | 2,6                                                                                      |
| Nominal efficiency coefficient (1)                              | COPd   |        | -                                                                                      | -                                                                                        | 2,8                                                                                      |
| Energy efficiency class in cooling (1)                          |        |        | A++                                                                                    | A+                                                                                       | A                                                                                        |
| Energy efficiency class in heating (1)                          |        |        | -                                                                                      | -                                                                                        | A+                                                                                       |
| Energy consumption in "thermostat off" mode                     | PTO    | W      | 55,0                                                                                   | 1,0                                                                                      | 1,0                                                                                      |
| Energy consumption in "standby" mode (EN 62301)                 | PSB    | W      | 0,5                                                                                    | 0,5                                                                                      | 0,5                                                                                      |
| Hourly electricity consumption for single duct (1) cooling mode | QSD    | kWh/h  | 0,66                                                                                   | 0,95                                                                                     | 1,35                                                                                     |
| Hourly electricity consumption for single duct (1) heating mode | QSD    | kWh/h  | -                                                                                      | -                                                                                        | 1,05                                                                                     |
| Supply voltage                                                  |        | V-F-Hz | 220/240-1-50                                                                           | 220/240-1-50                                                                             | 220/240-1-50                                                                             |
| Supply voltage (min/max)                                        |        | V      | 198 / 264                                                                              | 198 / 264                                                                                | 198 / 264                                                                                |
| Maximum power consumption in cooling mode (1)                   |        | W      | 800                                                                                    | 1150                                                                                     | 1450                                                                                     |
| Maximum absorption in cooling mode (1)                          |        | A      | 3,5                                                                                    | 6,0                                                                                      | 8,0                                                                                      |
| Maximum power consumption in heating mode (4)                   |        | W      | -                                                                                      | -                                                                                        | 1450                                                                                     |
| Maximum absorption in heating mode (4)                          |        | A      | -                                                                                      | -                                                                                        | 8,0                                                                                      |
| Dehumidification capacity (2)                                   |        | l/h    | 2,4                                                                                    | 3,0                                                                                      | 3,4                                                                                      |
| Air flow rate (max/med/min)                                     |        | m³/h   | 410 / 360 / 340                                                                        | 420 / 370 / 355                                                                          | 420 / 370 / 355                                                                          |
| Fan speed                                                       |        |        | 3                                                                                      | 3                                                                                        | 3                                                                                        |
| Flexible pipe (length x diameter)                               |        | mm     | 1500 x 150                                                                             | 1500 x 150                                                                               | 1500 x 150                                                                               |
| Maximum remote control range (distance/angle)                   |        | m / °  | 8 / ±80°                                                                               | 8 / ±80°                                                                                 | 8 / ±80°                                                                                 |
| Dimensions (WxHxD) (without packaging)                          |        | mm     | 490 x 765 x 425                                                                        | 490 x 765 x 425                                                                          | 490 x 765 x 425                                                                          |
| Dimensions (WxHxD) (with packaging)                             |        | mm     | 535 x 890 x 487                                                                        | 535 x 890 x 487                                                                          | 535 x 890 x 487                                                                          |
| Weight (without packaging)                                      |        | kg     | 32                                                                                     | 32                                                                                       | 35                                                                                       |
| Weight (with packaging)                                         |        | kg     | 36                                                                                     | 37                                                                                       | 38                                                                                       |
| Sound pressure level (min-max) (3)                              |        | dB(A)  | 50-52                                                                                  | 50-51,7                                                                                  | 50,6 - 52                                                                                |
| Sound power level (indoor only) (EN 12102)                      | LWA    | dB(A)  |  63 |  62 |  64 |
| Degree of protection provided by covers                         |        |        | IPX0                                                                                   | IPX0                                                                                     | IPX0                                                                                     |
| Refrigerant gas (5)                                             | Type   |        | R290                                                                                   | R290                                                                                     | R290                                                                                     |
| Global warming potential                                        | GWP    |        | 3                                                                                      | 3                                                                                        | 3                                                                                        |
| Refrigerant gas charge                                          |        | kg     | 0,22                                                                                   | 0,20                                                                                     | 0,22                                                                                     |
| Maximum operating pressure                                      |        | MPa    | 2,6                                                                                    | 2,6                                                                                      | 2,6                                                                                      |
| Maximum operating pressure (low pressure side)                  |        | MPa    | 1,0                                                                                    | 1,0                                                                                      | 1,0                                                                                      |
| Lower flammable limit                                           | LFL    | kg/m³  | 0,038                                                                                  | 0,038                                                                                    | 0,038                                                                                    |
| Minimum floor area for installation, use and storage            |        | m²     | 11                                                                                     | 10                                                                                       | 11                                                                                       |
| Power cable (N° pole x section mmq)                             |        |        | 3 x 1,5                                                                                | 3 x 1,5                                                                                  | 3 x 1,5                                                                                  |
| Fuse                                                            |        |        | 10AT                                                                                   | 10AT                                                                                     | 10AT                                                                                     |
| Conformity mark                                                 |        |        | CE                                                                                     | CE                                                                                       | CE                                                                                       |
| Integrated Wi-fi                                                |        |        | ✓                                                                                      | ✓                                                                                        | ✓                                                                                        |

#### LIMITS OF OPERATING CONDITIONS

|                            |                                |                   |                   |                     |
|----------------------------|--------------------------------|-------------------|-------------------|---------------------|
| Indoor ambient temperature | Maximum temperature in cooling | DB 35°C - WB 32°C | DB 35°C - WB 32°C | DB 35°C - WB 32°C   |
|                            | Minimum temperature in cooling | DB 16°C           | DB 16°C           | DB 16°C             |
|                            | Maximum temperature in heating | -                 | -                 | DB 27°C - WB 21,1°C |
|                            | Minimum temperature in heating | -                 | -                 | DB 7°C - WB 3,6°C   |

(1) Test conditions: the data refer to the EN14511 standard.

(2) Test conditions in dehumidification mode: DB 30°C WB 27.1°C

(3) Declaration of test data in a semi-anechoic chamber at a distance of 2 m, minimum pressure in ventilation only

(4) High load test and maximum heating output

(5) Hermetically sealed equipment.

Energy efficiency classes refer to a range between A+++ and D.