



# DOLCECLIMA AIR PRO 14 HP

The most powerful in heat pump



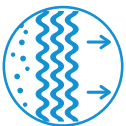
## HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace or support traditional heating in intermediate seasons.



## MOTORIZED FLAPS

Enjoy the best comfort experience thanks to the air flow management function.



## 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).



## INTEGRATED WI-FI

By downloading the OS Comfort app it is possible to manage all its functions from your smartphone, even when away from home



## TOUCH DISPLAY

LED display and touch controls

## FEATURES

Nominal cooling capacity: 3,5kW(1)  
 Energy Class: **A** / in heating **A+**  
 Sound power: **64 dB (A)** Rated energy efficiency index: EER 2,6(1)  
 Refrigerant gas: R290  
 Multifunction remote contro  
 LCD Display  
 Practical side handles  
 Wheels  
 Motorized flap  
 Windows kit included

## FUNCTIONS

### Dehumidification only function

**Eco function:** adjusts cooling on the basis of room temperature in order to optimise energy consumption.






**Turbo Function:** maximum fan speed at the lowest set-point.

**Silent Function:** minimum fan speed to reduce noise

**Blue Air/Auto Function:** automatic fan speed for excellent air flow management.

**Timer Function:** 24 hours timeframe to start or stop settings.

(1) Test conditions: according to the EN 14511 standard.

			DOLCECLIMA AIR PRO 14 HP WIFI
<b>PRODUCT CODE</b>			02029
<b>EAN CODE</b>			8021183020298
Nominal cooling capacity (1)	P rated	kW	
Nominal heating capacity (1)	P rated	kW	
Nominal power consumption for cooling (1)	PEER	kW	1,35
Nominal absorption for cooling (1)		A	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		2,6
Nominal efficiency coefficient (1)	COPd		2,8
Energy efficiency class in cooling (1)			
Energy efficiency class in heating (1)			
Energy consumption in "thermostat off" mode	PTO	W	1,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	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
Supply voltage (min/max)		V	198 / 264
Maximum power consumption in cooling mode		W	1450
Maximum absorption in cooling mode		A	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	3,4
Air flow (max/med/min)		m <sup>3</sup> /h	420 / 370 / 355
Fan speeds			3
Flexible pipe (length x diameter)		mm	1500 x 150
Maximum remote control range ( distance / angle )		m / °	8 / ±80°
Dimensions ( W x H x D ) (without packaging)		mm	490 x 765 x 425
Dimensions ( W x H x D ) (with packaging)		mm	535 x 890 x 487
Weight (without packing)		Kg	35
Weight (with packing)		Kg	38
Sound pressure level (min-max) (3)		dB(A)	50.6 - 52
Sound power level ( indoor only ) ( EN 12102 )	LWA	dB(A)	
Degree of protection provided by covers			IPX0
Refrigerant gas*		Type	R290
Global warming potential	GWP		3
Refrigerant gas charge		Kg	0,22
Maximum operating pressure		MPa	2,6
Maximum operating pressure (low pressure side)		MPa	1,0
Lower flammable limit	LFL		0,038
Minimum floor area for installation, use and storage		m <sup>2</sup>	11
Power cable (N° pole x section mm <sup>2</sup> )			3 x 1,5
Fuse			10AT
Conformity Mark			CE
Wi-fi			yes

## LIMITS OF OPERATING CONDITIONS

Indoor ambient temperature	<b>Maximum temperature in cooling</b>	DB 35°C - WB 32°C
	<b>Minimum temperature in cooling</b>	DB 16°C
Outdoor ambient temperature	<b>Maximum temperature in cooling</b>	DB 43°C - WB 32°C
	<b>Minimum temperature in cooling</b>	DB 18°C - WB 16°C

(1) Test conditions: according to the EN 14511 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

\* Hermetically sealed equipment.

A flexible tube is included for the expulsion of air.