



DOLCECLIMA AIR PRO 14 HP

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

Cod. 02029



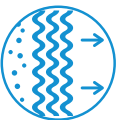
HEAT PUMP

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



MOTORIZED FLAPS WITH AUTO-SWING

The air flow can be easily directed in the room, thanks to the motorized 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).



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

FEATURES

- Rated cooling capacity: 3.5 kW**
- Energy class: **A** / in heating **A+**
- Sound pressure: **64 dB (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 13 A+ WIFI	DOLCECLIMA AIR PRO 14 WIFI	DOLCECLIMA AIR PRO 14 HP WIFI
PRODUCT CODE			02143	02027	02028	02029
EAN CODE			8021183021431	8021183020274	8021183020281	8021183020298
Nominal cooling capacity (1)	Prated	kW	2,4	2,9	3,5	3,5
Nominal heating capacity (1)	Prated	kW	-	-	-	2,9
Nominal power consumption for cooling (1)	PEER	kW	0,66	0,95	1,35	1,35
Nominal absorption for cooling (1)	A		2,9	4,5	5,9	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	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	55,0	1,0	1,0	1,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,5	0,5	0,5	0,5
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,66	0,95	1,35	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	220/240-1-50
Supply voltage (min/max)	V		198 / 264	198 / 264	198 / 264	198 / 264
Maximum power consumption in cooling mode (1)	W		800	1150	1450	1450
Maximum absorption in cooling mode (1)	A		3,5	6,0	8,0	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	3,5	3,4
Air flow rate (max/med/min)	m³/h		410 / 360 / 340	420 / 370 / 355	420 / 370 / 355	420 / 370 / 355
Fan speed			3	3	3	3
Flexible pipe (length x diameter)	mm		1500 x 150	1500 x 150	1500 x 150	1500 x 150
Maximum remote control range (distance / angle)	m / °		8 / ±80°	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	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	535 x 890 x 487
Weight (without packaging)	kg		32	32	34	35
Weight (with packaging)	kg		36	37	38	38
Sound pressure level (min-max) (3)	dB(A)		50-52	50-51,7	50,4 - 52	50,6 - 52
Sound power level (indoor only) (EN 12102)	LWA	dB(A)	63	62	63	64
Degree of protection provided by covers			IPX0	IPX0	IPX0	IPX0
Refrigerant gas (5)	Type		R290	R290	R290	R290
Global warming potential	GWP		3	3	3	3
Refrigerant gas charge	kg		0,22	0,20	0,21	0,22
Maximum operating pressure	MPa		2,6	2,6	2,6	2,6
Maximum operating pressure (low pressure side)	MPa		1,0	1,0	1,0	1,0
Lower flammable limit	LFL	kg/m³	0,038	0,038	0,038	0,038
Minimum floor area for installation, use and storage	m²		11	10	11	11
Power cable (N° pole x section mm²)			3 x 1,5	3 x 1,5	3 x 1,5	3 x 1,5
Fuse			10AT	10AT	10AT	10AT
Conformity mark			CE	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	DB 35°C - WB 32°C
	Minimum temperature in cooling	DB 16°C	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
Outdoor ambient temperature	Maximum temperature in cooling	DB 43°C - WB 32°C	DB 43°C - WB 32°C	DB 43°C - WB 32°C	DB 43°C - WB 32°C
	Minimum temperature in cooling	DB 18°C - WB 16°C	DB 18°C - WB 16°C	DB 18°C - WB 16°C	DB 18°C - WB 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.