DOLCECLIMA AIR PRO A++
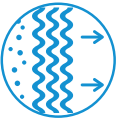## 9.000 BTU/h* of power in class A++

Cod. 02143

HIGH EFFICIENCY

Class A++ air conditioner with reduced energy consumption, for more sustainable comfort

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: 2.4 kW**
Energy class: **A++**
Sound pressure: 63 dB (A)
Rated energy efficiency index: EER 3.6**
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, 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 145111 standard.

			DOLCECLIMA AIR PRO A++ WIFI	DOLCECLIMA AIR PRO 13 A+ WIFI	DOLCECLIMA AIR PRO 14 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 (lenght x diameter)		mm	1500 x 150	1500 x 150	1500 x 150
Maximun 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 flor area for installation, use and storage		m²	11	10	11
Power cable (N° pole x section mm²)			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

		DOLCECLIMA AIR PRO A++ WIFI	DOLCECLIMA AIR PRO 13 A+ WIFI	DOLCECLIMA AIR PRO 14 HP WIFI
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.