

DOLCECLIMA 12 HP

12,000 BTU/h* of power. Also in heat pump

Cod. 02142



HEAT PUMP

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



BLUE AIR TECHNOLOGY

An innovative technology that generates a high and deep air jet, which does not directly affect the occupants of the room, but contributes to the diffusion of a homogeneous temperature in the environment.



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



TOUCHSCREEN DISPLAY

LED display and touch controls

FEATURES

Cooling capacity: 2.7 kW**

Energy class: **A** / in heating **A+**

Sound pressure: **64 dB (A)**

Rated energy efficiency index: EER 2.8**

Coolant gas: R290

Anti-dust filter

Multi-function remote control and LCD display

Convenient side handles and wheels

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 SILENT 10 WIFI	DOLCECLIMA SILENT 12 A+ WIFI	DOLCECLIMA 12 HP WIFI
PRODUCT CODE			02140	02141	02142
EAN CODE			8021183021400	8021183021417	8021183021424
Nominal cooling capacity (1)	Prated	kW			
Nominal heating capacity (1)	Prated	kW	-	-	
Nominal power consumption for cooling (1)	PEER	kW	0,93	0,85	0,96
Nominal absorption for cooling (1)	A		4,0	3,8	4,5
Nominal power consumption for heating (1)	PCOP	kW	-	-	0,8
Nominal absorption for heating (1)	A		-	-	4,0
Nominal energy efficiency index (1)	EERd		2,8	3,1	2,8
Nominal efficiency coefficient (1)	COPd		-	-	2,9
Energy efficiency class in cooling (1)					
Energy efficiency class in heating (1)			-	-	
Energy consumption in "thermostat off" mode	PTO	W	1,0	1,0	1,0
Energy consumption in "standby" mode (EN 62301)	PSB	W	0,77	1,0	0,77
Hourly electricity consumption for single duct (1) cooling mode	QSD	kWh/h	0,93	0,85	0,96
Hourly electricity consumption for single duct (1) heating mode	QSD	kWh/h	-	-	0,8
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		1100	1100	1200
Maximum absorption in cooling mode (1)	A		5,6	6,3	6,4
Maximum power consumption in heating mode (4)	W		-	-	1200
Maximum absorption in heating mode (4)	A		-	-	6,4
Dehumidification capacity (2)	l/h		1,5	1,5	2,0
Air flow rate (max/med/min)	m³/h		355/-/-	358 / 289 / 213	355 / - / -
Fan speed			3	3	3
Flexible pipe (length x diameter)	mm		1500 x 120	1500 x 120	1500 x 120
Maximum remote control range (distance / angle)	m / °		8 / ±80°	8 / ±80°	8 / ±80°
Dimensions (WxHxD) (without packaging)	mm		460 x 762 x 396	460 x 762 x 396	460 x 762 x 396
Dimensions (WxHxD) (with packaging)	mm		496 x 860 x 460	496 x 860 x 460	496 x 860 x 460
Weight (without packaging)	kg		29,8	29,7	30,1
Weight (with packaging)	kg		34,3	35,1	34,8
Sound pressure level (min-max) (3)		dB(A)	-/52	48-51	- / 53
Sound power level (indoor only) (EN 12102)	LWA	dB(A)			
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		0,23	0,20	0,24
Maximum operating pressure	MPa		2,60	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		12	10	12
Power cable (N° pole x section mm²)			3 x 1,0 / VDE	3 x 1,0 / VDE	3 x 1,5 VDE
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 17°C	DB 17°C	DB 16°C
	Maximum temperature in heating	-	-	DB 30°C - WB 26°C
	Minimum temperature in heating	-	-	DB 5°C - WB 3°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
	Minimum temperature in cooling	DB 18°C - WB 16°C	DB 18°C - WB 16°C	DB 18°C - WB 16°C
	Maximum temperature in heating	-	-	-
	Minimum temperature in heating	-	-	-

(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.