

# DOLCECLIMA® 10 hp

DOLCECLIMA 10 HP Code 01700



## FEATURES

Cooling capacity: 10.000 BTU/h<sup>(1)</sup>  
Nominal cooling capacity: 2,4 kW<sup>(2)</sup>  
Energy Class: **A++**  
Sound power: **62 dB (A)**  
Rated energy efficiency index: EER 2,7<sup>(2)</sup>  
Rated coefficient of performance: COP 3,1<sup>(2)</sup>  
Refrigerant gas: R410A<sup>(3)</sup>  
Multifunction remote control  
LCD Display  
Timer 12h  
Practical side handles  
Wheels

## FUNCTIONS

- Fan mode:** Adjustable 3 fan speed. Fan only mode can also be used.
- Dehumidification mode**
- Auto mode:** automatic operation which regulates cooling in relation to the ambient temperature to optimize energy consumption.
- Sleep mode:** gradually increases the temperature set and ensures reduced noise for greater wellbeing at night.
- Turbo mode:** Maximum fan speed. Extra cool.

# A++

## HIGH EFFICIENCY TECHNOLOGY

COP = 3,1<sup>(2)</sup>  
Energy class A++ in heating  
Energy class A in cooling.



## REMOTE CONTROL

Multifunction remote control.



## HEAT PUMP

Heat pump air conditioner. Thanks to this feature you can replace traditional heating in intermediate seasons or support it (in heat pump mode condensation drain is necessary).

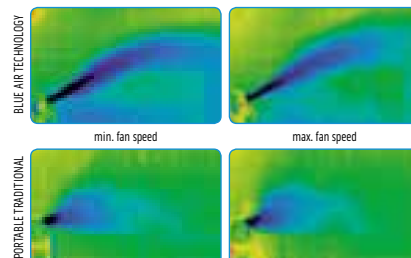


## TOUCH DISPLAY

the most advanced technology in order to optimize the cooling performances.



## BLUE AIR TECHNOLOGY



(1) 35°C/80%UR

(2) In accordance with regulation EN14511

(3) hermetically sealed equipment containing fluorinated gas

			DOLCECLIMA® 10 HP
<b>Product code</b>			01700
<b>Rated cooling capacity (1)</b>	P rated	kW	2,4
<b>Maximum cooling capacity (35°C / 80%UR)</b>		BTU/h	10000
<b>Rated heating power (1)</b>	P rated	kW	2,40
<b>Maximum heating capacity (1)</b>		BTU/h	9600
<b>Rated absorbed power in cooling mode (1)</b>	PEER	kW	0,90
<b>Rated current in cooling mode (1)</b>		A	3,90
<b>Rated absorbed power in heating mode (1)</b>	PCOP	kW	0,80
<b>Rated current in heating mode (1)</b>		A	3,44
<b>Rated efficiency energy ratio (1)</b>	EERd		2,7
<b>Rated Coefficient of performance (1)</b>	COPd		3,1
<b>Energy efficiency class in cooling mode (1)</b>			
<b>Energy efficiency class in heating mode (1)</b>			
<b>Thermostat off mode power consumption</b>	POFF	W	29
<b>Standby mode power consumption (EN 62301)</b>	PSB	W	1,0
<b>Hourly electricity consumption for single duct(1) cooling function</b>	QSD	kWh/h	0,9
<b>Hourly electricity consumption for single duct(1) heating function</b>	QSD	kWh/h	0,8
<b>Power supply voltage</b>		V-F-Hz	230-1-50
<b>Minimum/maximum power supply voltage</b>		V	198 / 264
<b>Maximum absorbed power in cooling mode (1)</b>		W	880
<b>Maximum current absorption in cooling mode (1)</b>		A	3,90
<b>Maximum absorbed power in heating mode (1)</b>		W	850
<b>Maximum current absorption in heating mode (1)</b>		A	3,80
<b>Dehumidification rate</b>		l/h	1,0
<b>Room air volume (max/med/min)</b>		m³/h	410 / 345 / 255
<b>Outdoor air volume</b>		m³/h	430
<b>Ventilation speed</b>			3
<b>Flexible pipe (length x diameter)</b>		mm	1500 x 120
<b>Maximum remote control range (distance/angle)</b>		m / °	8 / ±80°
<b>Dimensions (Width x H x Depth) (without packaging)</b>		mm	460 x 767 x 395
<b>Dimensions (Width x H x Depth) (with packaging)</b>		mm	484 x 852 x 448
<b>Weight (without packing)</b>		Kg	29
<b>Weight (with packing)</b>		Kg	33
<b>Sound power level (indoor only) (EN 12102)</b>	LWA	dB(A)	62
<b>Sound pressure level (min-max)</b>		dB(A)	41-48
<b>Protection level</b>			IP 10
<b>Refrigerant gas*</b>		Type	R410A
<b>Global warming potential of refrigerant</b>	GWP	kgCO2 eq.	2088
<b>Refrigerant gas charge</b>		kg	0,36
<b>Maximum operating pressure</b>		MPa	3,60
<b>Maximum operating pressure (low pressure side)</b>		MPa	2,10
<b>Power cable (N° pole x section mm²)</b>			3 x 1,5
<b>Fuse</b>			10AT

#### 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
	<b>Maximum temperature in heating</b>	DB 27°C - WB 19°C
	<b>Minimum temperature in heating</b>	DB 7°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
	<b>Maximum temperature in heating</b>	DB 27°C - WB 19°C
	<b>Minimum temperature in heating</b>	DB 7°C

(1) TEST CONDITIONS: data refers to regulation EN14511

\*Hermetically sealed equipment containing fluorinated gas

All portables include a flexible duct to exhaust the air (ø 120 mm, length 1,5 m)