

NEW

DOLCECLIMA® Air Pro 14 HP



DOLCECLIMA AIR PRO 14 HP Model# 2149

FEATURES

- Cooling capacity:** 14,000 btu/h
- Sound power:** dB (A) 64
- EER:** 9.9
- COP:** 2.76⁽¹⁾
- Refrigerant:** R-32
- Multifunction remote:** Wireless control
- Display:** LCD
- Timer:** 24h
- Extras:** Convenient side handles, motorized flap and casters for effortless moving between spaces

FUNCTIONS

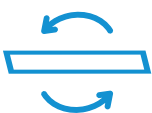
- Fan Mode:** Adjustable 3 speed fan with fan only mode to optimize air circulation
- Dehumidification mode:** Regulates cooling setpoint in relation to ambient temperature providing increased comfort and efficiency
- Auto Mode:** Regulates cooling setpoint in relation to ambient temperature for increased comfort and efficiency
- Turbo mode:** Maximum fan speed with greater cooling capacity.
- Sleep mode:** Gradually increases the temperature setpoint to reduce noise for greater comfort at night.



ADVANCED CONTROL WITH TOUCH DISPLAY
 The most advanced technology insures optimized cooling performance.



HEAT PUMP
 Our reverse cycle heat pumps offer both heating and cooling to provide occupants with year-round comfort. It can also be used as backup heat during shoulder seasons.



MOTORIZED FLAP
 Enjoy a higher level of comfort with customized air flow management.



REMOTE CONTROL
 Manage your comfort from any place in your room.





Design Specifications and Capacities*		Dolceclima Air Pro 14 HP
Model Number		2149
Voltage (min 109, max 127)	AC Volts/Phase/Hertz	115-1-60
Rated Capacity for Cooling (1)	BTU/H	14,000
Rated Capacity for Heating (1)	BTU/H	11,000
Rated Power Consumption - Cooling Mode	Watts	1415
Rated Power Consumption - Heating Mode	Watts	1170
Energy Efficiency Ratio	EER	9.9
Coefficient of Performance	COP	2.76
Dehumidification Capacity	Pints/Hr.	5.7
Compressor	Type	Rotary
Rated Load Amps	R.L.A.	7.4
Lock Rotor Amps	L.R.A.	54
Indoor Fan	Type	Centrifugal
Speeds	# of speeds	3
Full Load Amps	F.L.A.	<1
Indoor Air Volume (Cooling Mode)	CFM (H, M, L)	306/283/261
Indoor Air Volume (Heating Mode)	CFM (H, M, L)	306/283/261
Outdoor Fan Speeds	# of speeds	2
Intake/Exhaust Hole Diameter (2)	Inches	8"
Maximum Remote-Control Range	Feet	26'
Dimensions (without packaging)	W/H/D	19.3" x 30.1" x 16.7"
Dimensions (with packaging)	W/H/D	21.1" x 35" x 19.2"
Weight (without packaging)	lbs	77.2
Weight (with packaging)	lbs	88
Sound Level (3)	dB H/M/L	56/54/52
Refrigerant	ASHRAE #	R-32
Refrigerant Factory Charge	lbs - oz	1 - 8

Design Condition Parameters*		Dolceclima Air Pro 14 HP
Indoor Temperature	Maximum Operating Temperature in Cooling Mode	°F/°C DB 95°F/35°C - WB 75°F/24°C
	Minimum Operating Temperature in Cooling Mode	°F/°C DB 64°F/18°C
	Maximum Operating Temperature in Heating Mode	°F/°C DB 81°F/27°C
	Minimum Operating Temperature in Heating Mode	°F/°C -
Outdoor Temperature	Maximum Operating Temperature in Cooling Mode	°F/°C DB 109°F/43°C - WB 90°F/32°C
	Minimum Operating Temperature in Cooling Mode	°F/°C DB 14°F/-10°C
	Maximum Operating Temperature in Heating Mode	°F/°C DB 75°F/24°C - WB 64°F/18°C
	Minimum Operating Temperature in Heating Mode	°F/°C DB 5°F/-15°C

*Values may change if models are revised. Always use the latest publication date for any literature.

- Test condition: Data refers to conditions and parameters as required by DOE requirements governing this product type.
HEATING MODE: Outdoor Ambient Temperature DB 45°F/7°C WB 43°F/6°C; Indoor Ambient DB 68°F/20°C - WB 59°F/15°C
COOLING MODE: Outdoor Ambient Temperature DB 95°F/35°C WB 75°F/24°C; Indoor Ambient DB 81°F/27°C - WB 66°F/19°C
- To achieve full capacity and efficiency 8" diameter pipes are recommended. Alternately, 6" diameter pipes can be used however there is a corresponding loss to capacity and efficiency which can vary based on the specific application.
- Test conditions for sound ratings are conducted as per DOA rating conditions, conducted in a sound chamber performed at a distance of 3.3 feet (1 meter). Minimum sound pressure values are rated in ventilation mode only.



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