

Coolerado®

THE MOST EFFICIENT
AIR CONDITIONERS MADE

COOLERADO IS GREEN³

GREEN FOR YOUR POCKETBOOK

Coolerado Air Conditioners use up to 90% less energy than conventional systems, saving you lots of green on your energy bill

GREEN FOR THE PLANET

Coolerado Air Conditioners are an environmentally responsible choice, because 90% less energy means 90% less carbon emissions

GREEN FOR YOU

Coolerado Air Conditioners provide 100% fresh, filtered air, dramatically improving indoor air quality while removing dust, pollens and allergens



DOE U.S. Department of Energy verified Coolerado has an energy efficiency ratio (EER) of 40.

CEC California Energy Commission listed Coolerado as an energy efficient appliance.

PG&E Pacific Gas & Electric's evaluation concluded that Coolerado qualified for the highest rebate tier.

SMUD Sacramento Municipal Utility District customer advanced technologies program participant since 2004.

awards winner

COOLERADO.COM



2006 Top-10
Green Building Product
GreenSpec® LISTED
www.BuildingGreen.com

FEATURES AND SPECIFICATIONS

5 year limited warranty. EER 40+ (Energy Efficiency Ratio), COP 12+ (Coefficient of Performance). Cooling capacity increases as temperature increases. No chemical refrigerants. Easy maintenance. Low water use. No moisture added to conditioned air. New, patented thermodynamic cycle.



- ① 304 stainless steel pan, frame and internal components that directly contact water. Electro-galvanized and powder coated steel housing.
- ② All electrical and plumbing connections can be interchanged to either side for installation flexibility. Integrated electrical panel and control system.
- ③ Tapered intake plenum increases fan efficiency and evens air distribution.
- ④ Uses standard size 1" (25,4 mm), or 2" (50,8 mm) thick filters.
- ⑤ Discharge plenum provided for easy ducting by cutting any size or shape hole into the plenum face.
- ⑥ Side panel access to the HMXs and drain. Can also be used for ducting exhaust or optional louver.
- ⑦ Frame feet sized to receive nominal 2" x 4" (50,8 mm x 101,6 mm) lumber for easy moving and rigging. Breaks down into three sections that will all fit in between 24" (609,6 mm) on-center joists or rafters for installation in attics or crawl spaces.
- ⑧ High efficient, variable speed, electronically commutated motorized (ECM) impeller.

CONDITIONED AIR

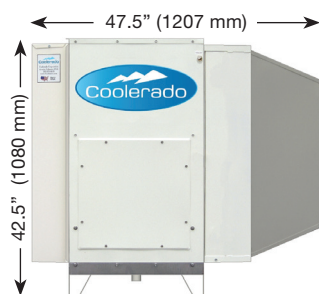
Conditioned air flow at 1,600 CFM (2.700 m³/h) [760 L/s] without ducting losses. Intake airflow at 2,900 CFM (4.900 m³/h) [1370 L/s], and working airflow at 1,300 CFM (2.200 m³/h) [610 L/s]. Conditioned air is cooled to approximately 95 percent of intake air's wet bulb temperature without changing moisture content.



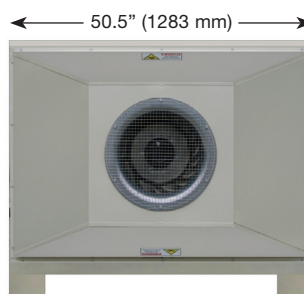
TOP VIEW



DISCHARGE PLENUM VIEW



LEFT SIDE



INTAKE AIR VIEW



RIGHT SIDE

POWER

750 Watts AC, MAX.
200-280V, 50-60Hz

WATER

3/8" (9,5 mm) water supply
line at 35 PSI (2,40 Bar)

WEIGHT

375 lbs (170 kg) dry (shipping)
475 lbs (215 kg) wet (operating)

OPTIONS

- A - Auto-variable thermostat motor speed controller.
- B - Manual-variable motor speed control.
- C - Exhaust louver with drift eliminator.
- D - 120 V, 60Hz, 1250 Watt AC Motor (does not work with options A or B).



Made in USA