Coolerado

C60 Air Conditioner

Features and specifications

- Patented heat & mass exchange (HMX) technology
- Super-versatile casing that's stackable side-by-side
- Increases cooling power with ease
- Durable, easy to install & maintain
- Low profile design
- Can significantly reduce your energy bills
- Can increase your LEED credits
- Ideal for data centers, health care facilities, retail stores restaurants & other applications

Return on investment

- Up to 80% less energy than conventional systems
- Quick investment payback
- Low total cost of ownership

Sustainable

- No chemical refrigerants
- Improves indoor air quality
- · Best alternative for sustainable/LEED projects

Third-party verified



Conditioned air

- Flow at 1,350 CFM [635 L/s] without ducting losses
- Intake airflow at 2,349 CFM [1105 L/s]
- Working airflow at 999 CFM [470 L/s]
- Cooled to approx. 95 to 120% of intake air's wet bulb temperature without changing moisture content



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it work?

How does



Fresh outside air is drawn in via a fan.

Filtered air is cleaned by high efficiency air filters.

Heat & mass exchange Air enters newly patented HMXs.

Working air & water

50% of air entering is saturated with water & returns to atmosphere carrying heat energy removed from the conditioned air.

adding humidity.



Conditioned air Balance of air that enters HMX is cooled without

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Specifications

- EER* 100+
- COP[^] 29.3+
- Cooling capacity & efficiency increases as temperature increases
- 100% outdoor, filtered air
- No chemical refrigerants or compressor
- No moisture added to conditioned air
- Low maintenance & water use
- New, patented Maisotsenko thermodynamic cycle
- 3 year limited warranty
- Easy to install, no assembly needed
- Stackable for transportation and warehouse space saving

*Energy Efficiency Ratio. ^Coefficient of Performance.





Unique design & performance features

- 1. ABS plastic drain pan, frame & internal components that directly contact water. Powder coated electrogalvanized steel housing.
- 2. Front access integrated electrical panel & control system.
- 3. Tapered intake plenum increases fan efficiency & evens air distribution.
- No tool air filters access panel -4 standard size 20" (508mm) x 25" (635mm) x 2" (50.8mm) MERV 8 ring frame air filters.
- 5. Discharge plenum provided for easy ducting by cutting any size or shape hole into the plenum face.
- 6. Side panel can be used for ducting exhaust or optional louver.
- High efficient, variable speed, electronically commutated motorized (ECM) fan.
- 8. Zero side clearance modular, multiple unit configurations.

Options

- A. Thermostat auto-variable motor speed control
- B. Manual-variable motor speed control
- C. Exhaust Louvers
- D. Insulated Plenum
- E. 120V, 60Hz, 1250 Watt AC motor (does not work with options A or B)

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