



# Evaporative Cooler

## ECM-D24

Ready for action right out of the box, the popular Portable Evaporative Cooler is sized to provide optimal airflow and move easily through four cardan wheels with rubber treads. It cools people using thermodynamic adiabatic pads without spraying water.

## The Portable Evaporative Cooler

The AEROPOWER ECM-D24 is a powerful portable cooling solution designed to help professionals productive on the jobsite during the work week and far away from danger area where needed to provide a cost-effective cooling option where standard air conditioning is impractical or cost prohibitive.



## FEATURE



### Brushless DC Motor

Working in higher efficiency, saving more than 30% power consumption.



### Sickle-shaped Blades

24 inch fan blades. Quiet operation, larger air volume and higher air collection efficiency.



### TPR Wheels

TPR wheels with brakes carry out easy and fast movement. And with excellent durability and temperature resistance.



### Variable Resistor

Adjusting the running speed by variable resistor in a quick and convenient way.



### GFCI

Ground Fault Circuit Interrupter compliant with safety regulations, safer to use.



### Swing Shutter

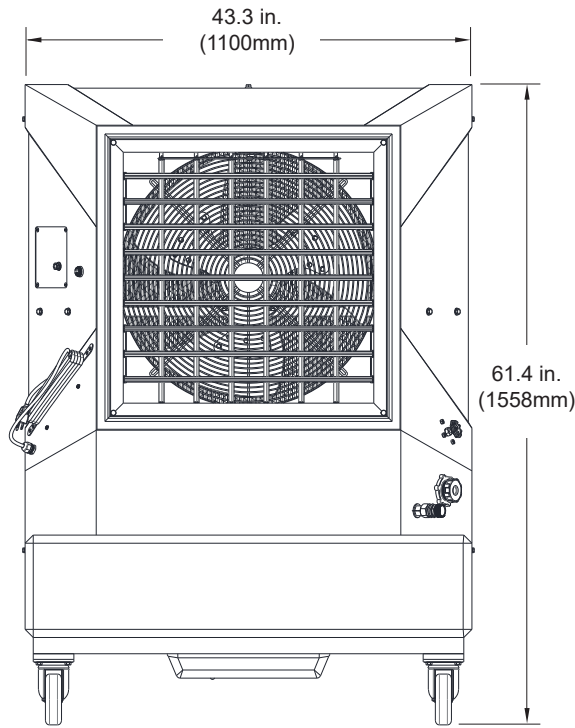
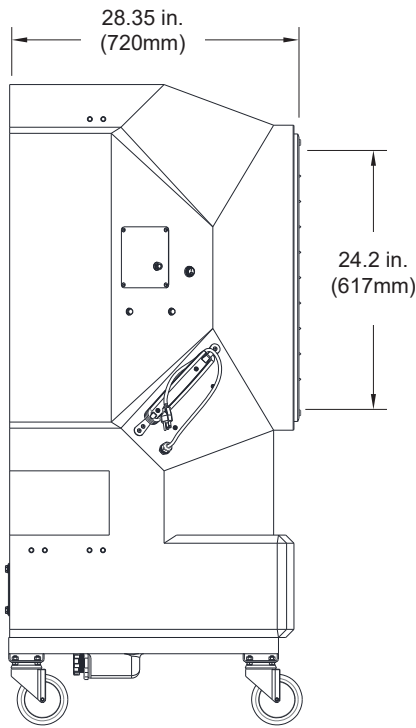
Swing shutter make the air supply range wider.



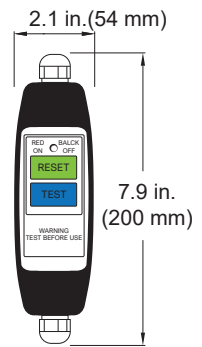
# 24''-Portable EVAPORATIVE COOLER

# Dimension Technical Specifications

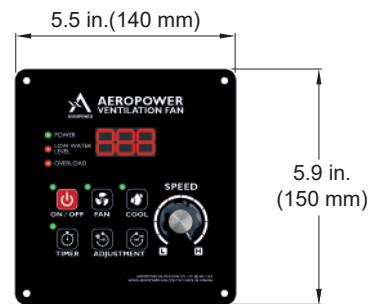
## Dimension



### GFCI



### Tactile Switch



## Technical Specification

Input power and required breaker	Amperage	Wattage	Speed	Operating Temperature	Sound at max speed <sup>1</sup>
110 – 125 VAC, 50/60Hz, 1 $\phi$ , 10A	3.6A	430W	1080RPM	-25°C ~ 55°C (-13°F ~ 131°F)	70dB(A)
200 – 240 VAC, 50/60Hz, 1 $\phi$ , 10A	1.9A	430W			

Air Volume	Water Storage	Motor <sup>2</sup> and Controller <sup>3</sup>	Power Supply
14000 CMH (8232 CFM)	160 L (42 G)	Direct drive BLDC motor Variable Resistor Speed Control	5 m (16.4 ft) cord with plug fits standard power outlet Optional 5 m (11.5 ft) cord available

Suitable Spacing <sup>4</sup>	Package Size <sup>5</sup>	Gross Weight	Net Weight	Optional Accessories Frame Colors	Optional Accessories Evaporative Media
187M <sup>2</sup>	1100mm * 1573mm * 720mm (43.3" * 62" * 28.35")	77KG	69KG	Black Gray	Original Black Paint

<sup>1</sup> Different instrument will cause different test result. Actual results in field condition may vary due to sound reflecting surfaces and environmental conditions.

<sup>2</sup> IPX5 for direct drive motor.

<sup>3</sup> Do not clean with the water gun.

<sup>4</sup> Actual results in field condition may vary due to humidity, temperature and personal feelings.

<sup>5</sup> Packaging may be changed without notice.

## GFCI Specification

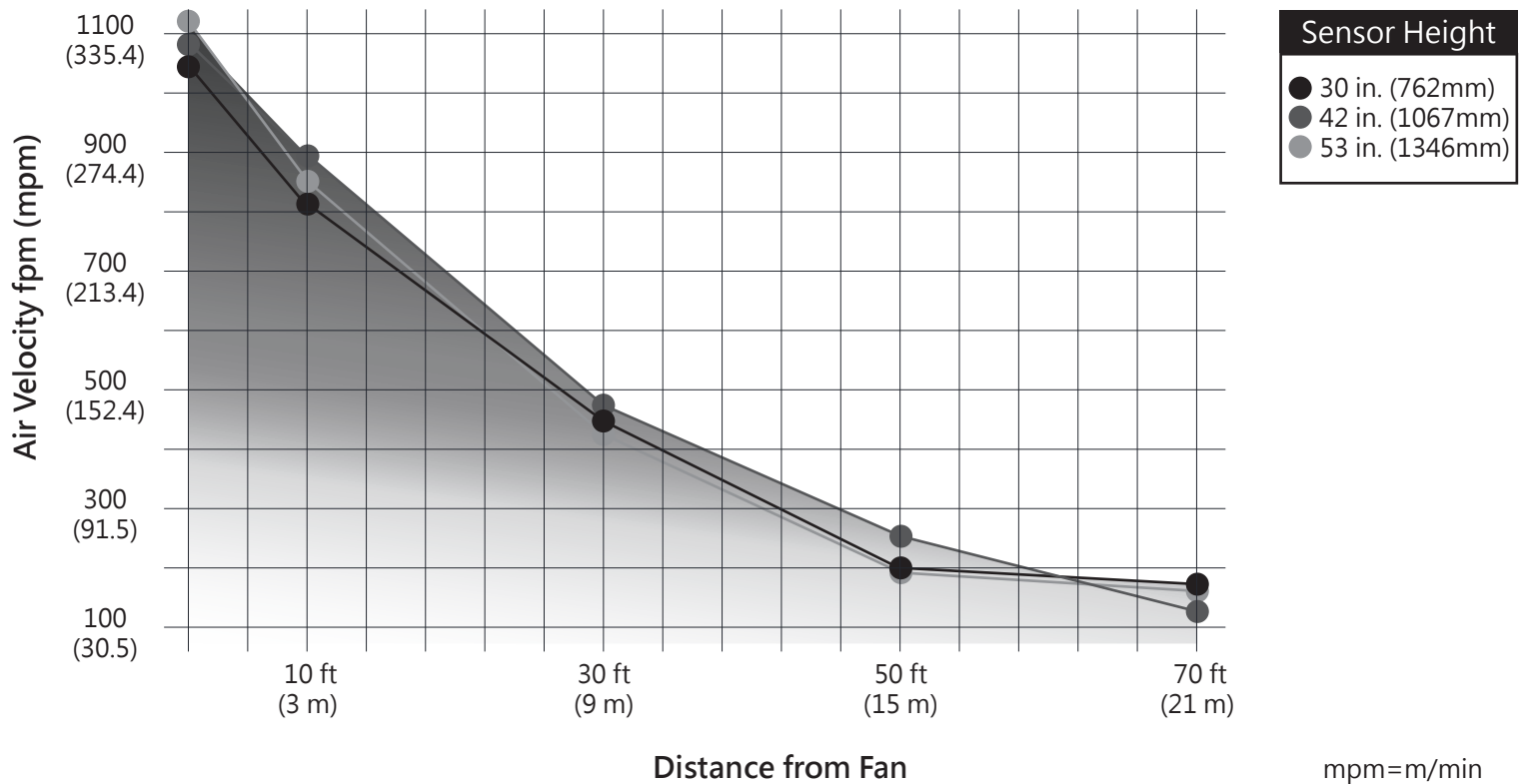
Max input power	Rated Load	Tripping AMP	Tripping Time	Operating Temperature	Protection Degree
110 – 125 VAC, 50/60Hz, 1 $\phi$	15A 1800W	30mA	<30 mS	-25°C ~ 45°C (-13°F ~ 113°F)	—
220 – 240 VAC, 50/60Hz, 1 $\phi$	13A 3600W	30mA			55

# 24"-Portable EVAPORATIVE COOLER

# Airflow Velocity Airflow Distance

## AIRFLOW VELOCITY

The three lines show air velocity from the center of the fan at three sensors of varying height.



## AIRFLOW DISTANCE

Shaded area represent the cooling area covering up to 80 feet (24 meters). Darker shading indicates faster air velocity.

