



# Evaporative Cooler

## ECM-D36

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

## The Portable Evaporative Cooler

The AEROPOWER ECM-D36 features greater airflow. This evaporative cooler combines high effect motor and wind guide net. ECM-D36 has two Air Boosters to provide impressive temperature drops and distance for maximum cooling comfort. Additionally, ECM-D36 is also equipped with an efficient evaporative cooling media to provide maximum cooling comfort.



## FEATURE



### Brushless DC Motor

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



### Sickle-shaped Blades

36 inch fan blades. Blades are aluminium, large 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.



### Digital Capacitive Touch

Easy operation and quick maintenance.



### GFCI

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



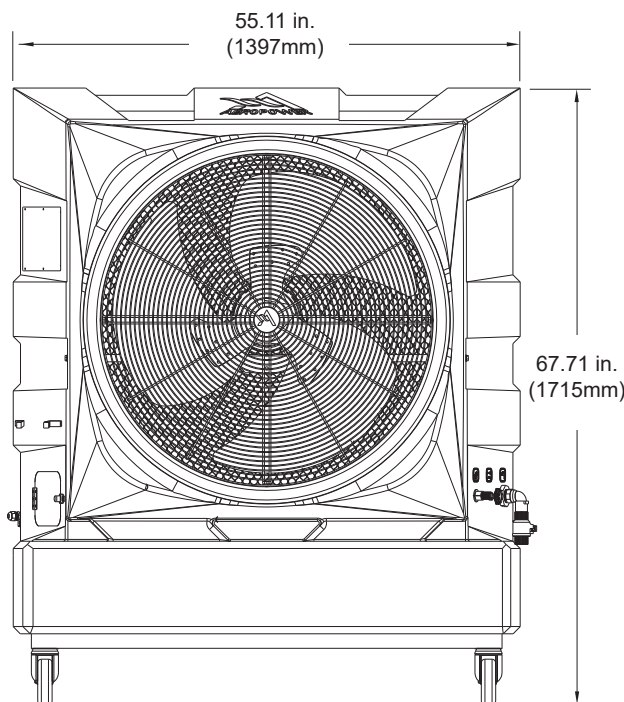
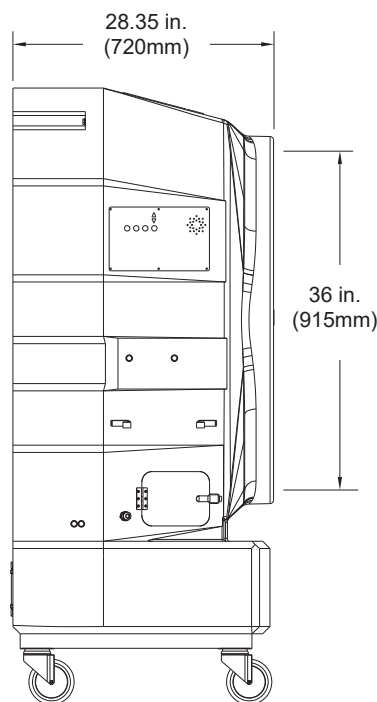
### Air Deflector Design

The air deflector direct the wind to a farther location efficiently.

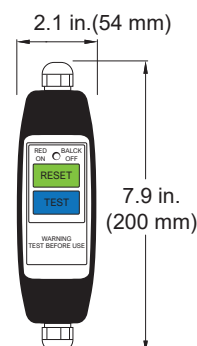
# 36''-Portable EVAPORATIVE COOLER

# Dimension Technical Specifications

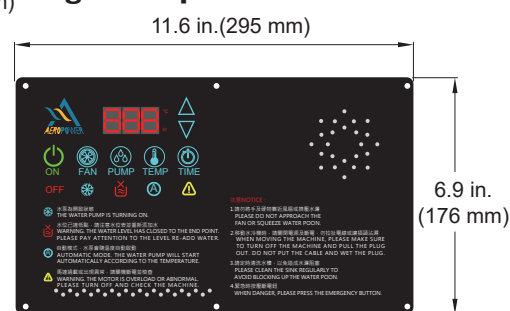
## Dimension



### GFCI



### Digital Capacitive Touch



## 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	8.6A	950W	840RPM	-25°C ~ 55°C (-13°F ~ 131°F)	72dB(A)
200 – 240 VAC, 50/60Hz, 1 $\phi$ , 10A	4.5A	950W			

Air Volume	Water Storage	Motor <sup>2</sup> and Controller <sup>3</sup>	Power Supply
24300 CMH (14280 CFM)	200 L (52.8 G)	Direct drive BLDC motor Digital capacitive touch	5 m (16.4 ft) cord with plug fits standard power outlet Optional 5 m (16.4 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
290M <sup>2</sup>	1397mm * 1730mm * 720mm (55.11" * 68.11" * 28.35")	91KG	84.4KG	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> For heat dissipation requirements, the control board is not waterproof. Wipe only with a dry cloth. 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

# 36"-Portable

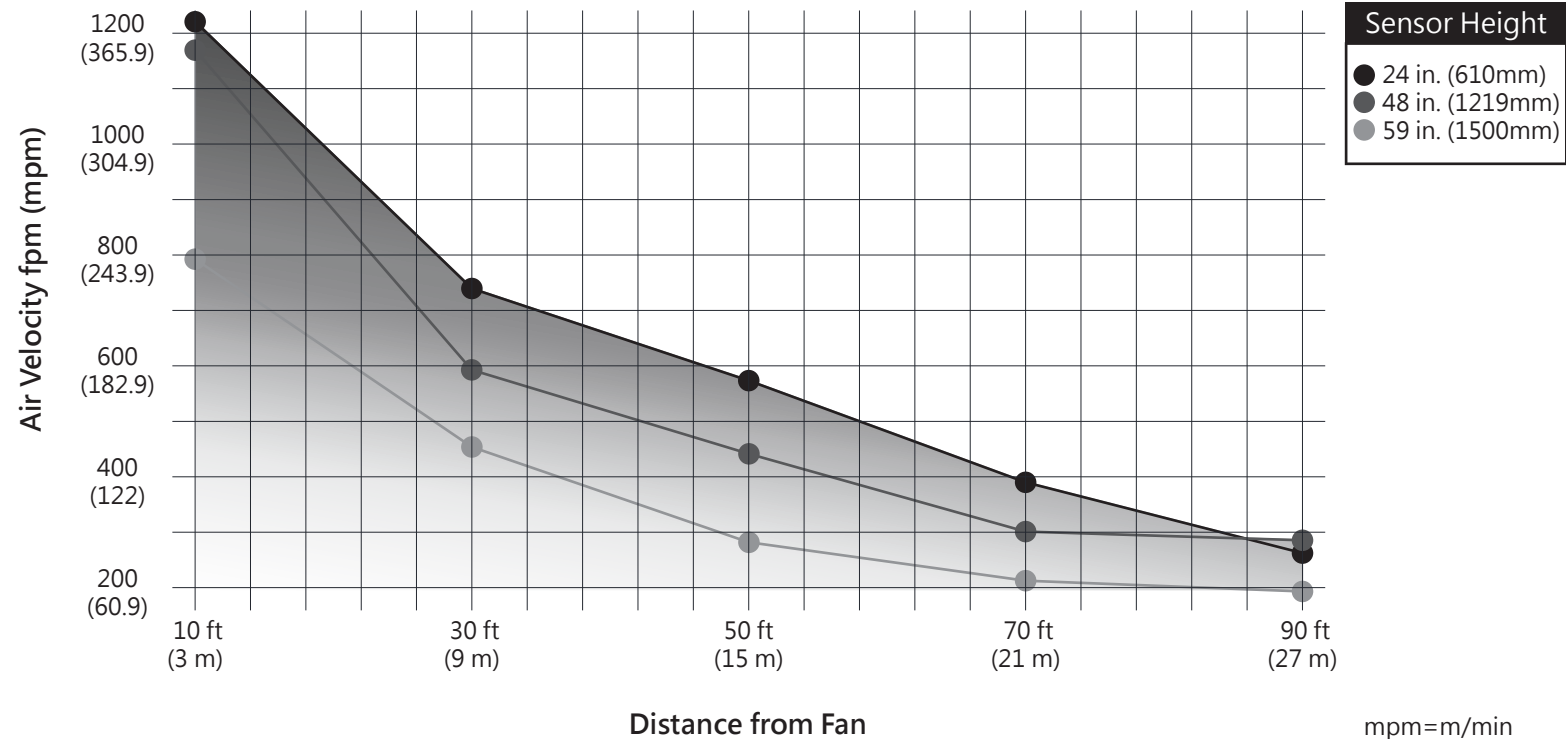
## EVAPORATIVE COOLER

# 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 100 feet (30 meters). Darker shading indicates faster air velocity.

