



# 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 castor wheels with rubber treads. It cooled people by cooling pad, but not felt too wet. Using evaporation principle to achieve cooling effect.

## 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

Higher motor efficiency, saving more than 30% power than induction motors.



### Sickle-shaped Blades

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



### TPR Wheels

TPR wheels with brakes for easy and fast movement. And has excellent durability and temperature resistance.



### Variable Resistor

The variable resistor can quickly and conveniently adjust the running speed.



### GFCI

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



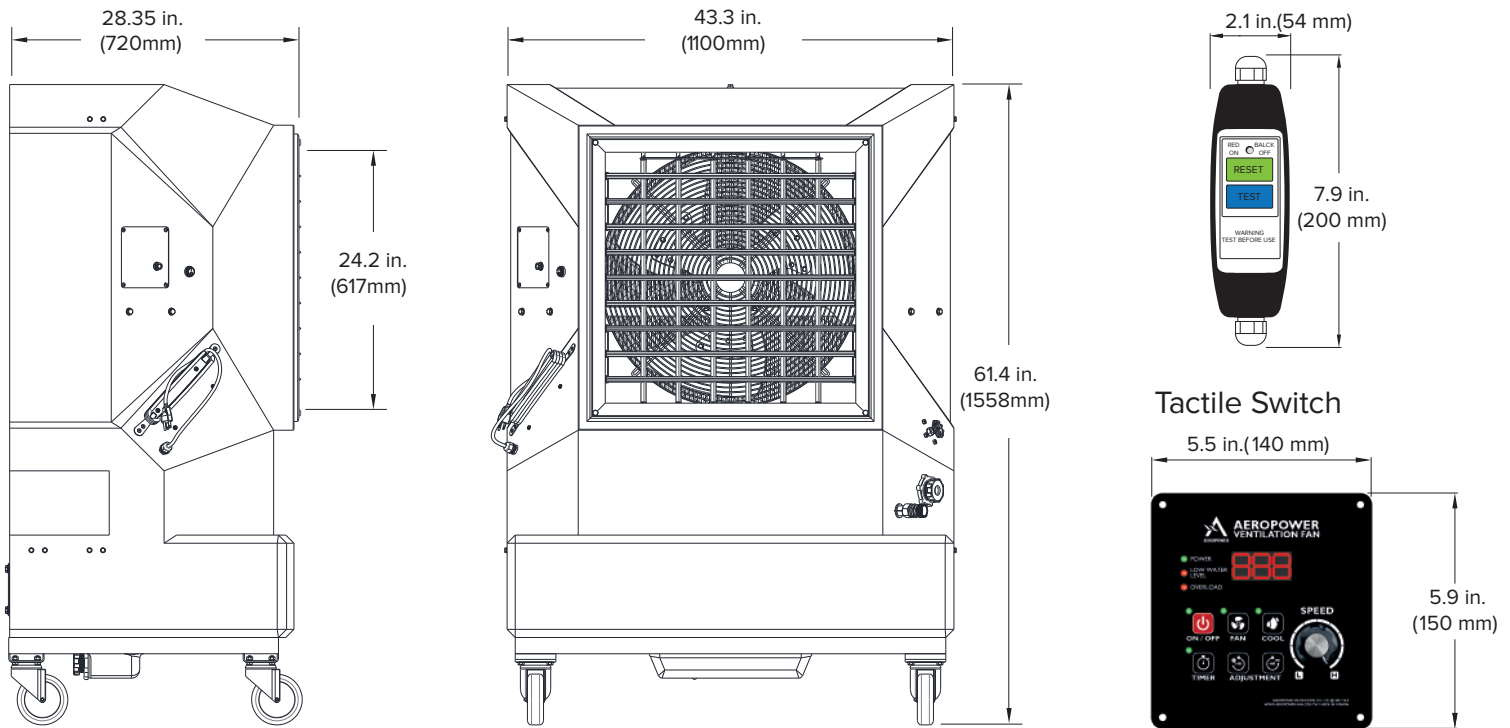
### 110° Swing Shutter

Swing shutter can make the air supply range wider.

# 24"-PORTABLE EVAPORATIVE COOLER

## Dimension Technical Specifications

### Dimension



### Technical Specification

Input power and required breaker	Amperage	Wattage	Speed	Operating Temperature	Sound at max speed
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, 3 $\phi$ , 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	Package Size	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 tests will be different. 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

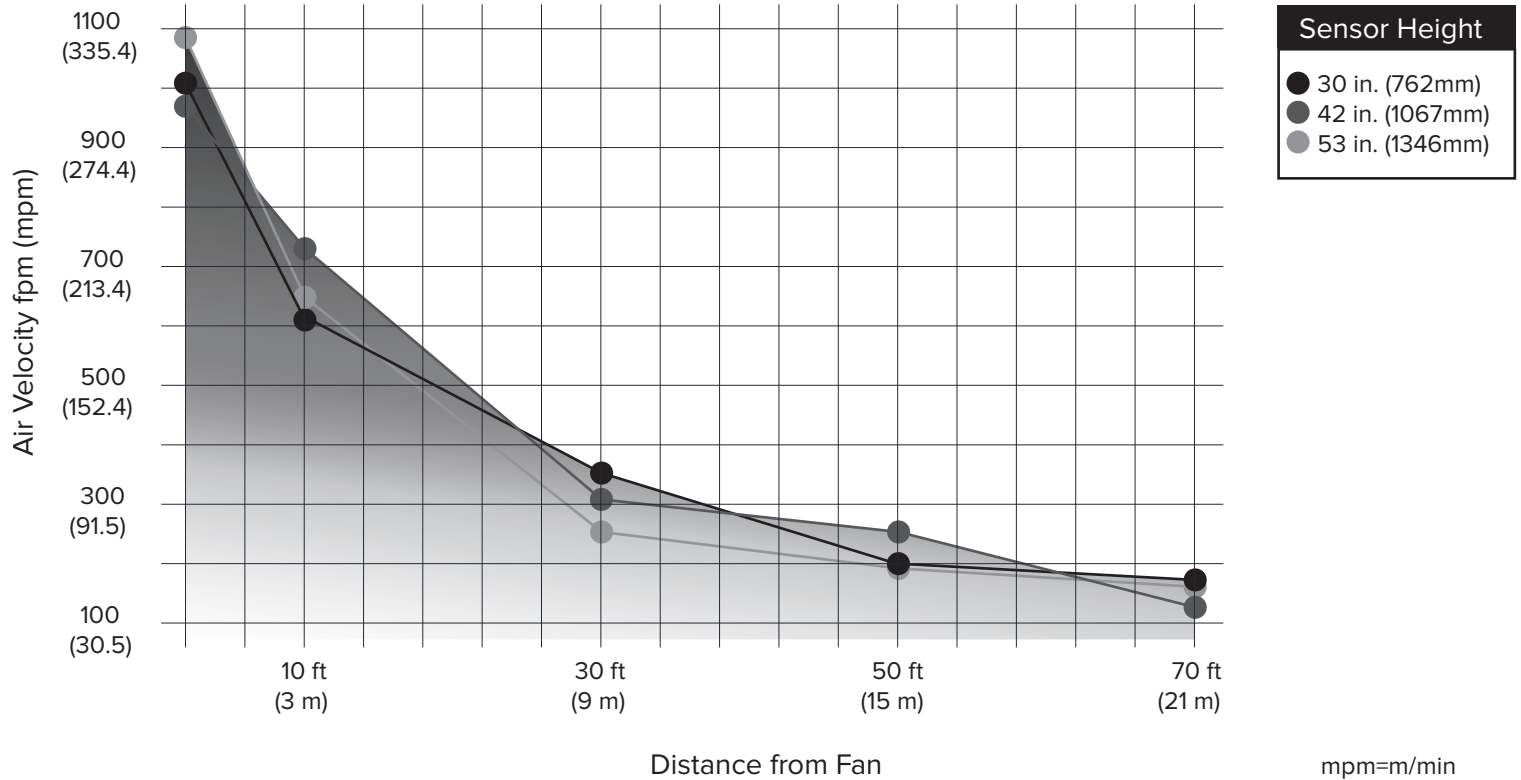
Max input power	Rated Load	Tripping AMP	Tripping Time	Operating Temperature	Protection Degree
110 – 125 VAC, 50/60Hz, 1 $\phi$	15A 1800W	30mA	<30 mS	-25°C ~ 45°C (-13 °F ~ 113 °F)	—
220 – 240 VAC, 50/60Hz, 3 $\phi$	13A 3600W	30mA			55

# 24"-PORTABLE EVAPORATIVE COOLER

## Airflow Velocity Airflow Distance

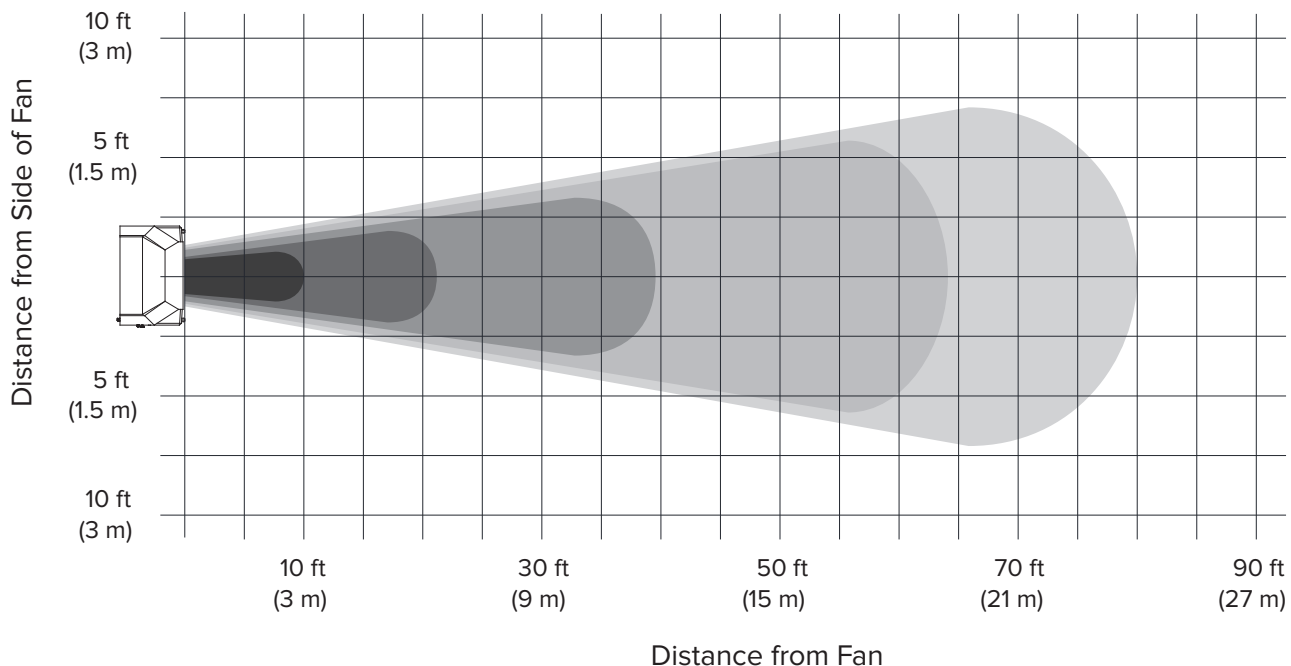
### AIRFLOW VELOCITY

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



### AIRFLOW DISTANCE

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





# 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 cardan wheels with rubber treads. It cooled people by cooling pad, but not felt too wet. Using evaporation principle to achieve cooling effect.

### The Portable Evaporative Cooler

The AEROPOWER ECM-D36 have features greater airflow. This evaporative cooler combines high effect motor and wind guide net. ECM-D36 have 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

Higher motor efficiency, saving more than 30% power than induction motors.



### Sickle-shaped Blades

36 inch fan blades. Blades are aluminium, large air volume and higher air collection efficiency.



### TPR Wheels

TPR wheels with brakes for easy and fast movement. And has 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.

**HamiltonAir**  
PREMIUM FANS

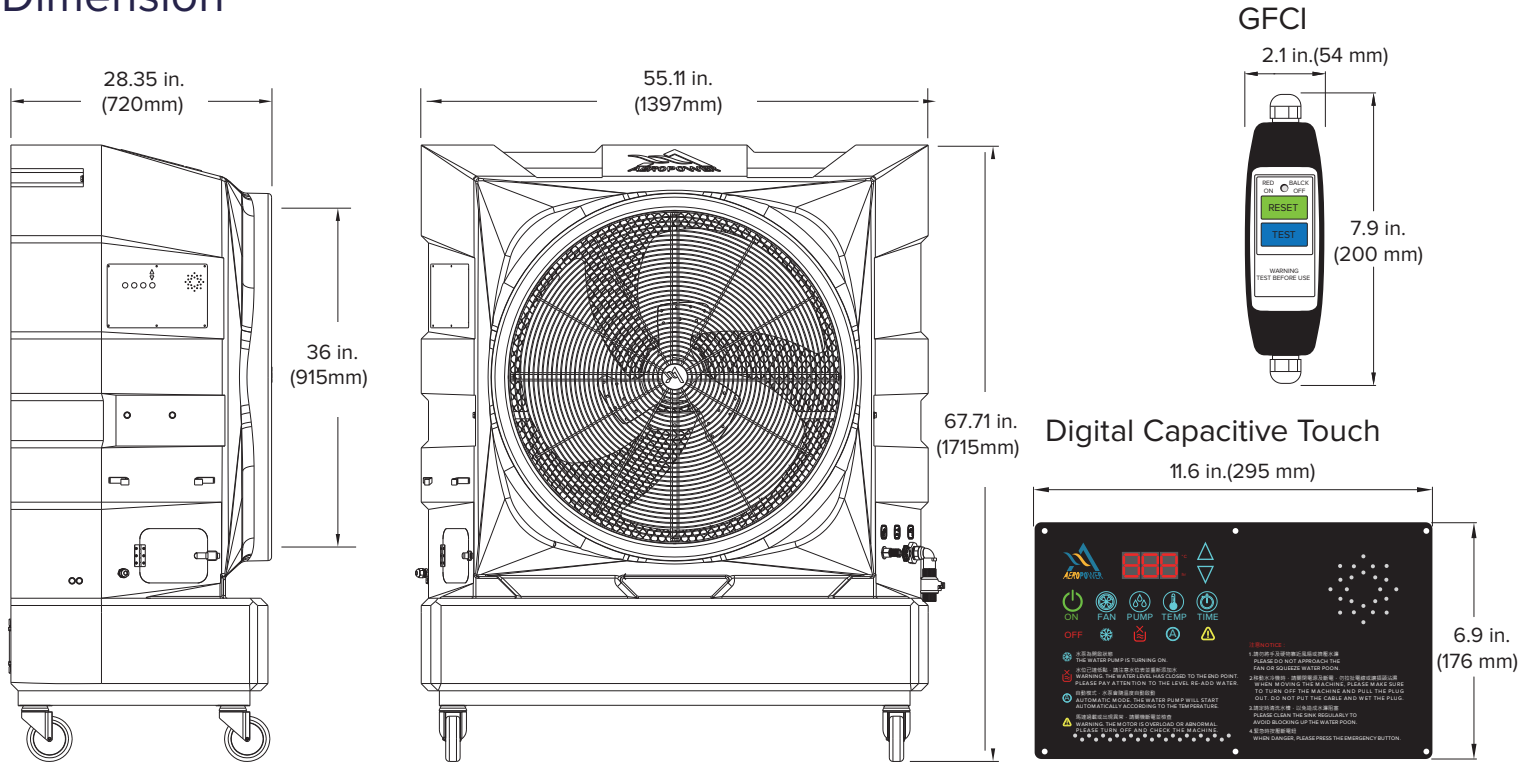




# 36"-PORTABLE EVAPORATIVE COOLER

## Dimension Technical Specifications

### Dimension



### Technical Specification

Input power and required breaker	Amperage	Wattage	Speed	Operating Temperature	Sound at max speed
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, 3 $\phi$ , 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	Package Size	Gross Weight	Net Weight	Optional Accessories Frame Colors	Optional Accessories Evaporative Media
290mm	1397mm * 1730mm * 720mm (55.11" * 68.11" * 28.35")	91KG	84.4KG	Black Gray	Original Black Paint

1 Different instrument tests will be different. Actual results in field condition may vary due to sound reflecting surfaces and environmental conditions.

2 IPX5 for direct drive motor.

3 For heat dissipation requirements, the control board is not waterproof. Wipe only with a dry cloth. Do not clean with the water gun.

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

5 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, 3 $\phi$	13A 3600W	30mA			55

# 36"-PORTABLE

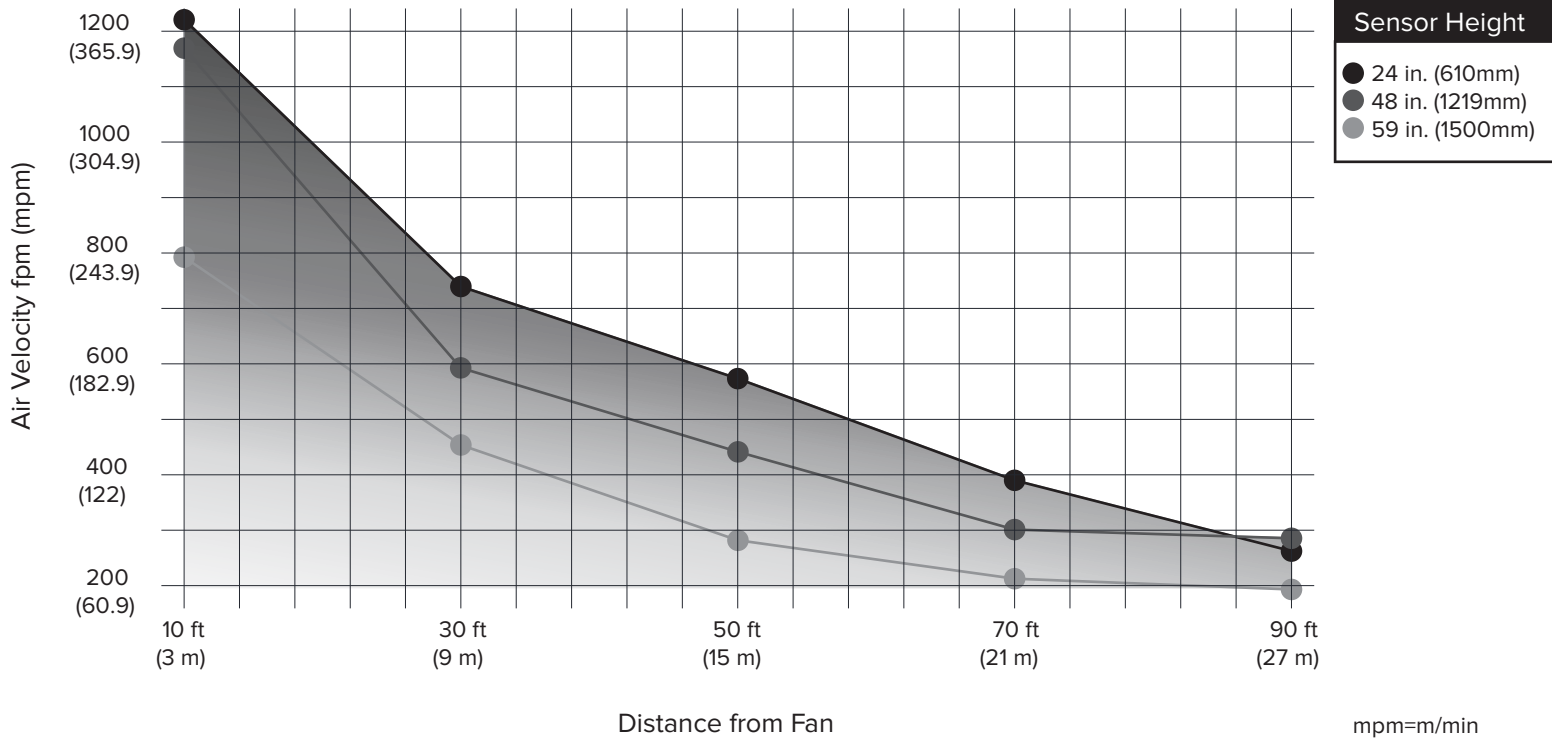
## EVAPORATIVE COOLER

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

