

VENTOCOOL® ADVANTAGES

Ventocool's innovative evaporative cooling units are smarter in many ways. Our modern and portable units are energy efficient and energy conscious, especially when compared to other products available nowadays in this marketplace. In addition, all of our units incorporate a set of innovative features that set them apart from the competition.¹

Ventocool® utilizes only the newest and most energy efficient motors, known as BLDC motors or Brushless DC motors. These modern motors consume less than half of the energy utilized by traditional motors. In addition, every Ventocool® unit comes with a long range remote control and a 24-hour digital programmable control panel that allows for a hands and worry-free operation.

Moreover, our highly reliable pumps are durable and work exactly in the manner in which they were designed. All of our units come with an automatic low water shutoff switch, to prevent the pump from burning. Finally, due to the fact that all of Ventocool's units are equipped with high performing and highly efficient motors and blades, the cool air travels faster and reaches farther distances while successfully lowering the air temperature in between.



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- Temperature sensor
- Water level indicator (clear)
- Water hose connector and manual fill option
- Low noise levels
- Variable speed motors
- High capacity water tanks
- High airflow fans
- Emergency shutoff (kill switch)



VENTOCOOL®

HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

by



vento
technologies

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VENTOCOOL® BENEFITS

- ✓ Low purchase cost.
- ✓ Quick return on your investment.
- ✓ Significantly low electricity and water usage per day.
- ✓ Environmentally friendly products.
- ✓ No installation required on portable models.
- ✓ Immediate and drastic temperature reduction.
- ✓ Ability to enjoy and take control of outdoor activities and perform tasks where needed. (Even under direct sunlight.)



EVAPORATIVE COOLING

Evaporative cooling has become widely popular in creating better and more comfortable environments in large open areas. Thanks to evaporative cooling, ambient temperatures can be significantly reduced when water evaporates upon the flow or passage of air. Whenever water evaporates into the air, you can experience an immediate drop in ambient temperatures, including, in some cases, by as much as 30 degrees or more.

Traditional evaporative cooling units utilize a water reservoir with a float valve that opens and shuts the water flow as needed, in order to prevent a water overflow inside the unit's water tank. These units also feature a pump that circulates water unto the evaporative cooling media (cardboard pads), and a fan that draws the cooler air and discharges it towards a desired location. This type of evaporative cooling process is also often referred to as "spot cooling".

PRODUCT APPLICATIONS

Ventocool® evaporative cooling units can be used in a wide array of locations and settings. Our cutting-edge industrial evaporative cooling units are designed for being utilized in portable and fixed applications.

Our evaporative cooling units help in accurately reducing ambient temperatures, in increasing workers' productivity and accuracy in manufacturing, production, construction and industrial facilities. They can also be installed in restaurants and outdoor seating venues in order to increase client satisfaction during dining out experiences. Finally, these units are also a proven solution in the cooling of animals in farms and stables.

The wide versatility of Ventocool® evaporative cooling units allows them to be depended upon for a wide variety of projects in which cooler or lower temperatures are desired and/or needed.

HIGH PERFORMANCE EVAPORATIVE COOLING UNITS (HIGH AIRFLOW)

PREMIUM COOLING BOOTH

MODEL NUMBER: VTPCB-2-36FH

Features

- Two 36" diameter fans, each with the following features: variable speed, 3/4 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 6 amperes - total of 12 amperes;
- 4 water pumps, each with the following features: 1/6 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 2 amperes - total of 8 amperes;
- Four 25 Gallon Water Reservoirs - total of 100 Ga / 380 L

- 24-hour digital control panel with different programmable functions and settings, includes long range remote control for a hands-free operation.

Unit Dimensions (HxWxD):

119" x 147.7" x 128"

3.02m x 3.75m x 3.25m

Unit Weight: 6944 lbs. - 3,150 kgs.

Air Flow: 30,000 CFM

Cooling Capacity: Up to 7,250 s.f.
675 m².



EVAPORATIVE COOLING WALL 48"

MODEL NUMBER: VTECW-48-20K

Features

- 48" diameter fan, variable speed, 1.0 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 8.3 amperes;
- Water pump with 1/6 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 2 amperes;
- 50 Ga / 190 L Water Reservoir.

- 24-hour digital control panel with different programmable functions and settings, includes long range remote control for a hands-free operation.

Unit Dimensions (HxWxD):

77.4" x 77.2" x 27.6"

1.97m x 1.96m x 0.70m

Unit Weight: 1,411 lbs. - 640 kgs.

Air Flow: 20,000 CFM

Cooling Capacity: Up to 4,850 s.f.
450 m².

EVAPORATIVE COOLING FAN 36"

MODEL NUMBER: VTECF-36-15K

Features

- 36" diameter fan, variable speed, 3/4 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 6 amperes;
- Water pump with 1/6 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 2 amperes;
- 37 Ga / 143 L Water Reservoir.

- 24-hour digital control panel with different programmable functions and settings, includes long range remote control for a hands-free operation

Unit Dimensions (HxWxD):

70.4" x 67.7" x 35.5"

1.79m x 1.72m x 0.90m

Unit Weight: 214 lbs. - 97 kgs.

Air Flow: 15,000 CFM

Cooling Capacity: Up to 3,625 s.f.
337 m².



EVAPORATIVE COOLING UNITS - LONGHORN SERIES

The Longhorn units feature a water pump with 1/6 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 2 amperes, and a 24-hour digital control panel with different programmable functions and settings, includes long range remote control for a hands-free operation.

MODEL NUMBER: VTECF-LH-4K

Features

- Centrifugal fan, three speed, 1/5 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 6 amperes;
- 21.1 Ga / 80 L Water Reservoir.

Unit Dimensions (HxWxD):

60.1" x 29.5" x 23.6"

1.53m x 0.75m x 0.60m

Unit Weight: 287 lbs. – 130kgs.

Air Flow: 3,500 CFM

Cooling Capacity: Up to 850 s.f. 79 m².



MODEL NUMBER: VTECF-LH-10K

Features

- Centrifugal fan, variable speed, 2 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 9.3 amperes;
- 56.5 Ga / 214 L Water Reservoir.

Unit Dimensions:(HxWxD):

60.1" x 59.1" x 31.5"

1.53m x 1.50m x 0.80m

Unit Weight: 853 lbs. – 387 kgs.

Air Flow: 10,000 CFM

Cooling Capacity: Up to 2,450 s.f. 228 m²



OPTIONAL EXPANDABLE / RETRACTABLE AIR DUCT FOR LONGHORN SERIES COOLERS

- To Allow For Cooler Air To Get Into Hard To Reach Areas.
- Sold As An Additional Accessory.



MODEL NUMBER: VTECF-LH-7K

Features

- Centrifugal fan, variable speed, 1.5 H.P. electrical motor, 115V, 60Hz (also available in 230V, 50-60Hz), 10 amperes;
- 33.5 Ga / 127 L Water Reservoir

Unit Dimensions (HxWxD):

60.1" x 37.4" x 29.6"

1.53m x 0.95m x 0.75m

Unit Weight: 441 lbs. – 200kgs.

Air Flow: 7,000 CFM

Cooling Capacity: Up to 1,690 s.f. 157 m².

