COOLNESS IS NOW EVERYWHERE

VENTOCOOL®
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

by vento technologies®
AMBIENCE CONTROL INNOVATIONS

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

THE ULTIMATE EVAPORATIVE COOLING INNOVATION

Ventocool's innovative mobile 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 on the market. All of our units incorporate a set of innovative features that set them apart.

Coolness where you need it.

Evaporative cooling uses natural forces and principles to produce a cooling effect. This concept has come a very long way since its early origins. The principle behind evaporative cooling has always been the same; namely, to create an extensive and targeted reduction in ambient temperatures.

The history of evaporative cooling is extensive. Since its inception, people have used this technique to bring cooler temperatures into homes, buildings and industrial locations.

More recently, evaporative cooling has been widely used for creating better and more comfortable environments in many different applications, including, to name a few, in open areas, industrial plants, construction sites, sporting events, entertainment and other venues. Evaporative cooling units are ideal in places in which conventional air conditioning units are not functional, be it for operational or economic reasons.

Furthermore, evaporative cooling units help in accurately reducing ambient temperatures, but also in increasing workers' productivity and accuracy in manufacturing, production, construction and industrial facilities.

Mobile innovative units.

These units may also be installed in restaurants and outdoor seating venues in order to increase client satisfaction during dining out experiences.

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 or pads, and a fan that draws the fresh or cool air and discharges "fresher" air into a desired location. This type of evaporative cooling process may also be referred to as "spot cooling".

Evaporative cooling units help in accurately reducing ambient temperatures.

BE ENERGY-CONSCIOUS
BE ENERGY-EFFICIENT

Mobile evaporative, energy efficient, cooling systems.

Through the power of evaporative cooling, it is possible to have evaporative air conditioning that depends upon evaporation of water. In this process, a pump circulates water coming from a contained reservoir; this water then passes through a cooling pad wall.

The water soaked evaporative cooling pads significantly reduce the temperature of water. Next, the cooler water is pushed out via fans and serves to cool outdoor environments or the interior of industrial manufacturing locations.

Ventocool's innovative mobile 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 market. All of our units incorporate a set of innovative features that set them apart.

STANDARD FEATURES THAT MAKE COOLING HAPPEN

BLDC Motors

Ventocool utilizes only the newest and most energy efficient motors available in the ventilation marketplace. These motors are known as BLDC motors or Brushless DC motors. These new BLDC motors consume half or less than half of the energy (amperes) as regular motors. Also, these newer technology BLDC motors when compared to regular Brushed DC motors offer several other benefits, such as increased speeds and torque, improved efficiency and higher levels of reliability, which mean less maintenance. Their other benefits include reduced noise levels and longer lifetime spans.

Smart Control Panel

Our digital programmable control panel allows a hands and worry-free operation that lets the user schedule an operating cycle for a certain number of hours and turns the water pump off automatically 15 minutes before the fan motor is turned off. As a result, the fan will always run for a longer period of time exactly 15 minutes more after the pump is turned off. This process allows for the cooling pads to be dried out with the fan's airflow.

All of our units have a variable speed regulator to adjust the speed of the fan. Further, they provide many different settings and other desirable options.

If relevant situations arise, there is also an Emergency Stop button that shuts off power on the entire unit.

Ventocool's digital control panel also comes equipped with other functionalities that advise the user on certain important aspects of the unit's operation. For example, notifications will take place if a unit is running low on water, the running time is expiring or a desired temperature has been reached.
Finally, but most importantly, all of our units may be controlled via a remote control that allows users to operate them from a certain distance.

Pumps

Unlike some other pumps that are available in the market, our highly reliable pumps are durable and work exactly in the manner in which they were designed. All of our units have automatic low water shutoff switches, which prevent the pump from burning in the incident that the tank water levels are low or the unit is not connected to a permanent water source.

Highest Airflow (CFM) than comparable sizes of mobile evaporative cooling units:

Good airflow is fundamental in the adequate performance of an evaporative cooling unit. All of our evaporative cooling units come equipped with high performing and highly efficient motors and blades that allow the cool air to travel faster and reach farther distances while successfully lowering the air temperature in between. This process effectively generates a "wind-chill" sensation that removes heat from our bodies.

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Innovative Design:

Our meticulous design and engineering processes went beyond a simple look on aesthetics. We looked at innovation as a way to differentiate our products from those other that are currently available in the ventilation arena. We considered several factors when creating our Ventocool units and came up with a better solution based on what we believe will take the current market to the next level.

By combining science, technology, engineering, aesthetics and design throughout our creative process, we are now offering what we consider to be "break-through" and "better performing" mobile evaporative cooling units.

Ventocool units provide the highest levels of airflow that are available in the mobile evaporative cooling units' marketplace.

Great performance, innovative design.

All of these features, along with many others as presented by our Ventocool mobile evaporative cooling units, are available for potential users at only a fraction of the cost of purchasing, installing and operating traditional air conditioning systems.

Part of what makes evaporative cooling an attractive solution is that in addition to being effective, evaporative cooling is perfectly suited for situations where energy conservation is of critical importance. Evaporative cooling requires much less energy than other cooling options, such as those that use refrigerants. Evaporative cooling also relies upon the natural process of water changing from its liquid to vapor form. In the process, the cooling results from contact between the air and the water.

CHOOSE HEALTHY
CHOOSE AN ECO-FRIENDLY COOLING SYSTEM

Evaporative Cooling Equals Cost Savings, Environmental Benefits and Health Benefits.

The evaporative cooling approach has numerous advantages including cost savings, environmental benefits and health benefits. The bottom line is that there is no denial of the environmental benefits of evaporative cooling when compared to air conditioning approaches that use refrigerants. The negative impact of refrigerants on the environment is well known. By contrast, evaporative cooling relies on natural processes to produce cooling.

Experience the Difference with Ventocool.

Vento Technologies, Inc. is dedicated to providing you with the industry's most innovative, reliable and cost-effective evaporative cooling systems. Through our Ventocool units, we can offer you cutting edge evaporative cooling infused with more than 25 years of combined hands-on industry experience in the design, manufacturing and distribution of industrial ventilation equipment. Contact us today for additional information on any of our highly reliable and innovative Ventocool evaporative cooling units.

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Experience the difference with Ventocool

Evaporative Cooling and Health Benefits.

The health benefits of evaporative cooling include the fact that evaporative cooling brings in fresh air from outside. This factor is in stark contrast to the approach of air conditioning, which tends to recirculate the same air over and over.

Since evaporative cooling does not pull moisture out of the air, the end result is air that feels more natural and does not have that "dried out" feeling so often associated with air conditioning. Those who opt for evaporative cooling soon discover that they the air produced by evaporative cooling will not dry out mucous membranes. This benefit, in turn, can lead to both greater comfort and greater overall health.

In terms of cost savings, there is once again no denying the benefits of evaporative cooling systems, as they are much cheaper to install and are several times cheaper to operate than air conditioning systems that use refrigerants.

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PREMIUM COOLING BOOTH
VTPCB-2-36FH

PATENT PENDING

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

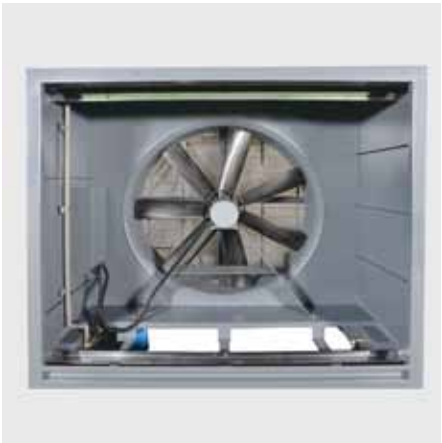
PRODUCT SPECIFICATIONS

MODEL	VTPCB-2-36FH
	(2) 36" FAN FOR (1) MODULE
AIR DELIVERY MAX	30000 CFM
COOLING CAPACITY	7000 S.F. / 650 M^2
FAN MOTOR	3/4HP x 2
FAN AMPERAGE	13 A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V./50HZ.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V./50HZ.
RPM	850 RPM
PHASE	SINGLE PHASE
PUMP	150W x 4
PUMP AMPERAGE	7.2 A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V./50HZ.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V./50HZ.
PHASE	SINGLE PHASE
WATER RESERVOIR	100 GALLONS (25 GAL X 4)
	380 LITERS (93LTS x 4)
UNIT DIMENSIONS (IN INCHES)	147.7" x 131.4" x 127"
UNIT DIMENSIONS (IN MTS)	3.75 x 3.33 x 3.22 MTS
UNIT WEIGHT (IN LBS)	6944 LBS
UNIT WEIGHT (IN KGS)	3150 KGS

"PLEASE CONTACT US FOR ADDITIONAL SHIPPING INFORMATION"

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

EVAPORATIVE COOLING WALL 48"
VTECW-48-20K

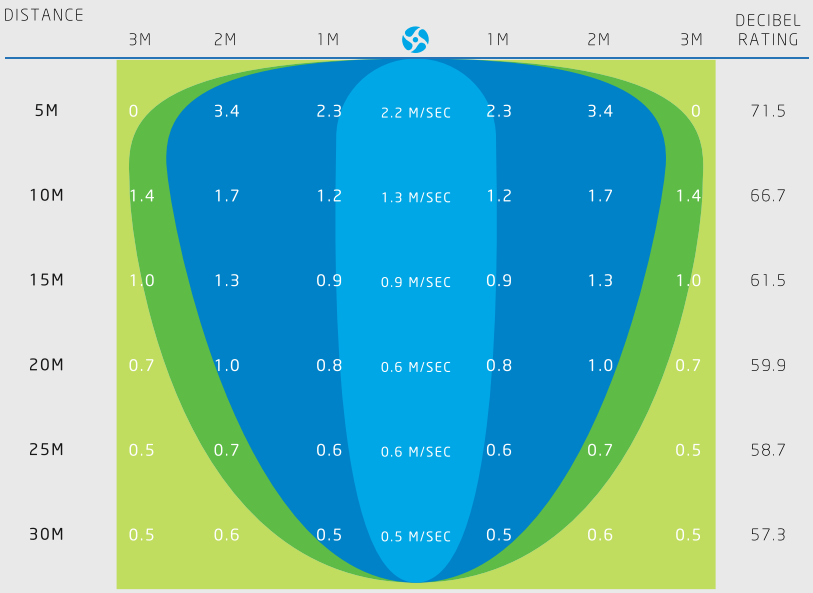


VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS

EVAPORATIVE COOLING WALL SPECS
PERFORMANCE RECORD
VTECW-48-20K

ELECTRIC: 1HP 115V / 230V 15A / 6.65A Ø48" 460RPM 20000CFM



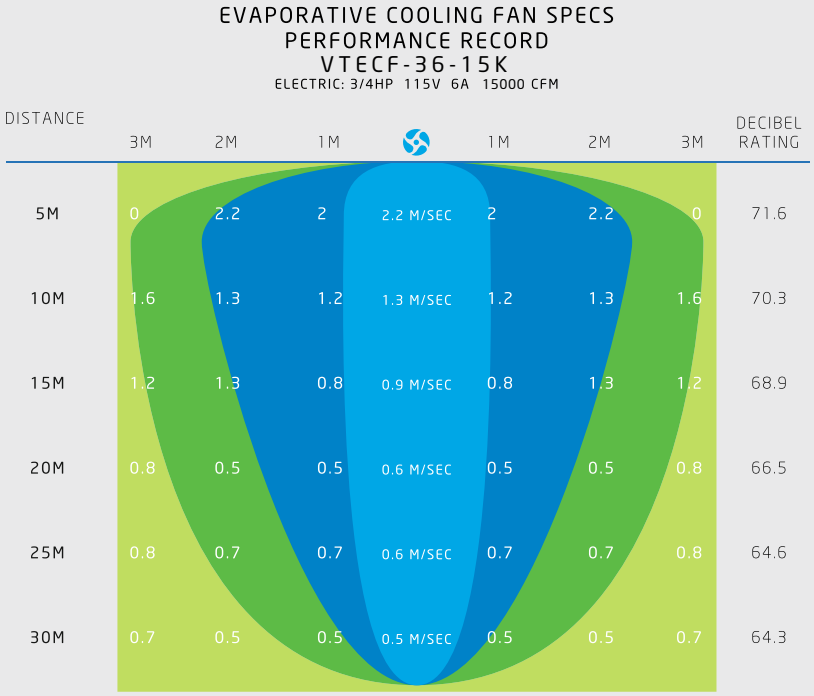
MODEL	VTECW-48-20K
AIR DELIVERY MAX	20000 CFM
COOLING CAPACITY	4200 S.F. / 385 M^2
FAN MOTOR	1HP
FAN AMPERAGE	4 A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V./50HZ.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V./50HZ.
RPM	460 RPM
PHASE	SINGLE PHASE
PUMP	150W
PUMP AMPERAGE	1.8 A
VOLTAGE	115V
FREQUENCY	60Hz
PHASE	SINGLE PHASE
WATER RESERVOIR	50 GALLONS / 190 LITERS
UNIT DIMENSIONS (IN INCHES)	72.3"x27.5"x77.4"
UNIT DIMENSIONS (IN MTS)	1.93x0.70x1.96 MTS
UNIT WEIGHT (IN LBS)	1411 LBS
UNIT WEIGHT (IN KGS)	640 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	76.8"x43.3"x92.5"
UNIT DIMENSIONS (IN MTS)	1.95x1.10x2.35 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	1466 LBS
UNIT WEIGHT (IN KGS)	665 LBS

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

EVAPORATIVE COOLING FAN 36”
VTECF-36-15K

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS



MODEL	VTECF-36-15K
AIR DELIVERY (MAX)	15000 CFM
COOLING CAPACITY	3600 S.F. / 330M^2
FAN MOTOR	3/4HP
FAN AMPERAGE	6A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V. / 50Hz.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V. / 50Hz.
RPM	850 RPM
PHASE	SINGLE PHASE
PUMP	150W
PUMP AMPERAGE	1.8A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V. / 50Hz.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V. / 50Hz.
PHASE	SINGLE PHASE
WATER RESERVOIR	37 GALLONS/ 143 LITERS
UNIT DIMENSIONS (IN INCHES)	63" x 35" x 70"
UNIT DIMENSIONS (IN MTS)	1.59 x 0.90 x 1.78 MTS
UNIT WEIGHT (IN LBS)	214 LBS
UNIT WEIGHT (IN KGS)	97 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS	67.3" x 35.8" x 72"
UNIT DIMENSIONS (IN MTS)	1.71 x 0.91 x 1.83 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	249 LBS
UNIT WEIGHT (IN KGS)	113 KGS

VENTOCOOL
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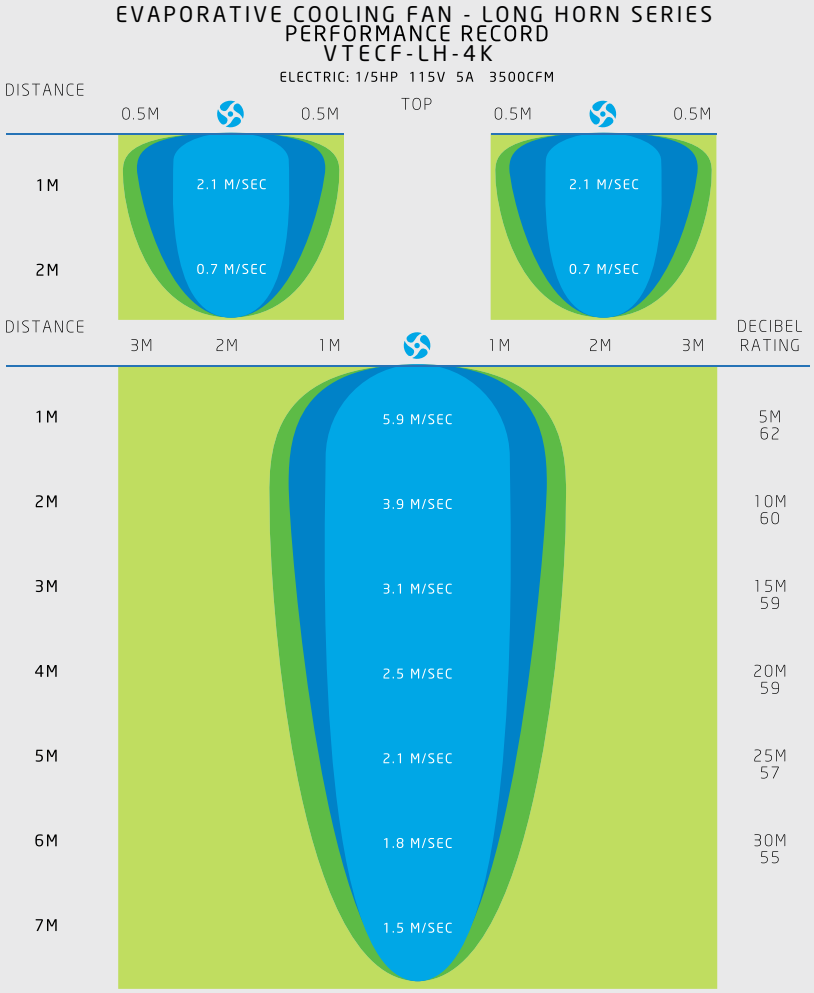
EVAPORATIVE COOLING FAN - LONGHORN SERIES
VTECF-LH-4K

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS



MODEL	VTECF-LH-4K
AIR DELIVERY (MAX)	3500 CFM
FAN MOTOR	1/5 HP (AC MOTOR/ THREE ADJUSTABLE SPEEDS)
AMPERAGE	6A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V./50Hz.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V./50Hz.
RPM	1020/900/700 RPM
PHASE	SINGLE PHASE
WATER RESERVOIR	21.1 GALLONS/ 80 LITERS
UNIT DIMENSIONS (IN INCHES)	23.6" x 29.5" x 60.1"
UNIT DIMENSIONS (IN MTS)	0.60 x 0.75 x 1.81 MTS
UNIT WEIGHT (IN LBS)	287 LBS
UNIT WEIGHT (IN KGS)	130 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	31.4" x 27.2" x 78.7"
UNIT DIMENSIONS (IN MTS)	0.69 x 0.80 x 2.0 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	331 LBS
UNIT WEIGHT (IN KGS)	150 KGS

– OPTIONAL EXPANDABLE / RETRACTABLE AIR DUCT FOR LONGHORN SERIES COOLERS

– TO ALLOW FOR COOLER AIR TO GET INTO HARD TO REACH AREAS

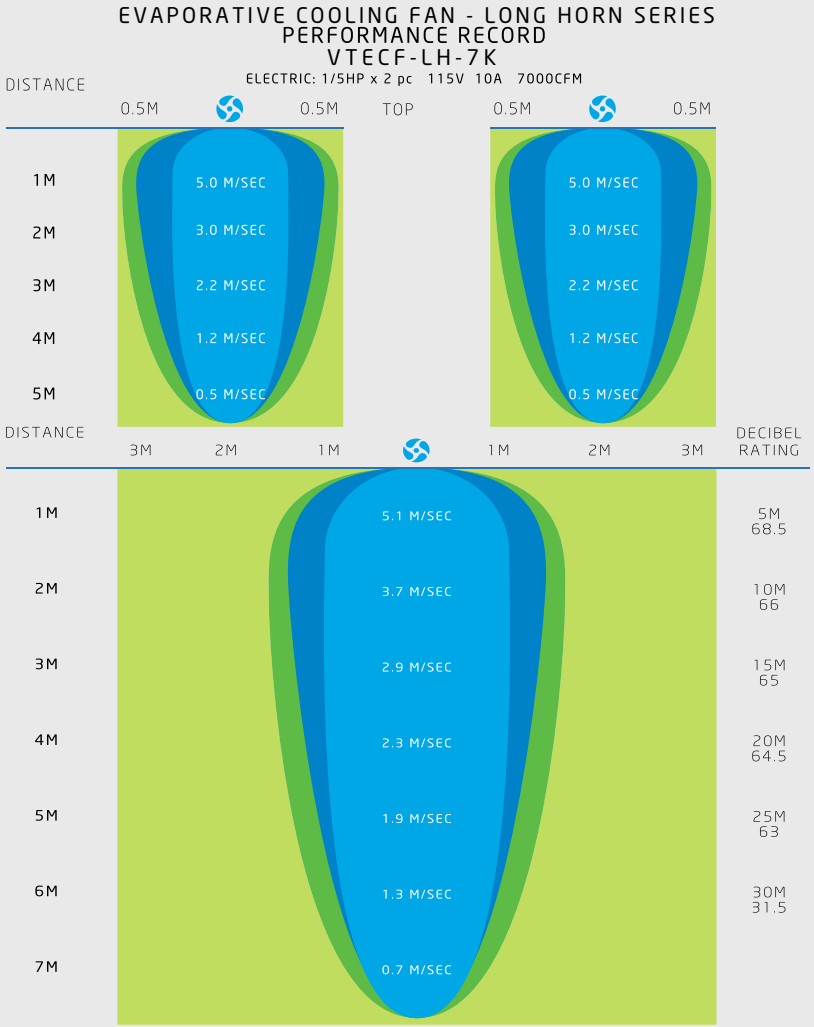
– SOLD AS AN ADDITIONAL ACCESORY

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

EVAPORATIVE COOLING FAN - LONGHORN SERIES
VTECF-LH-7K

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS



MODEL	VTECF-LH-7K
AIR DELIVERY (MAX)	7000 CFM
FAN MOTOR	1.5HP
AMPERAGE	10A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V./50Hz.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V./50Hz.
RPM	1200 RPM
PHASE	SINGLE PHASE
WATER RESERVOIR	33.5 GALLONS/ 127 LITERS
UNIT DIMENSIONS (IN INCHES)	37.4" x 29.5" x 60.1"
UNIT DIMENSIONS (IN MTS)	0.95 x 0.75 x 1.87 MTS
UNIT WEIGHT (IN LBS)	397 LBS
UNIT WEIGHT (IN KGS)	180 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	42.2" x 31.5" x 81.1"
UNIT DIMENSIONS (IN MTS)	1.07 x 0.80 x 2.06 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	441 LBS
UNIT WEIGHT (IN KGS)	200 KGS

– OPTIONAL EXPANDABLE / RETRACTABLE AIR DUCT FOR LONGHORN SERIES COOLERS

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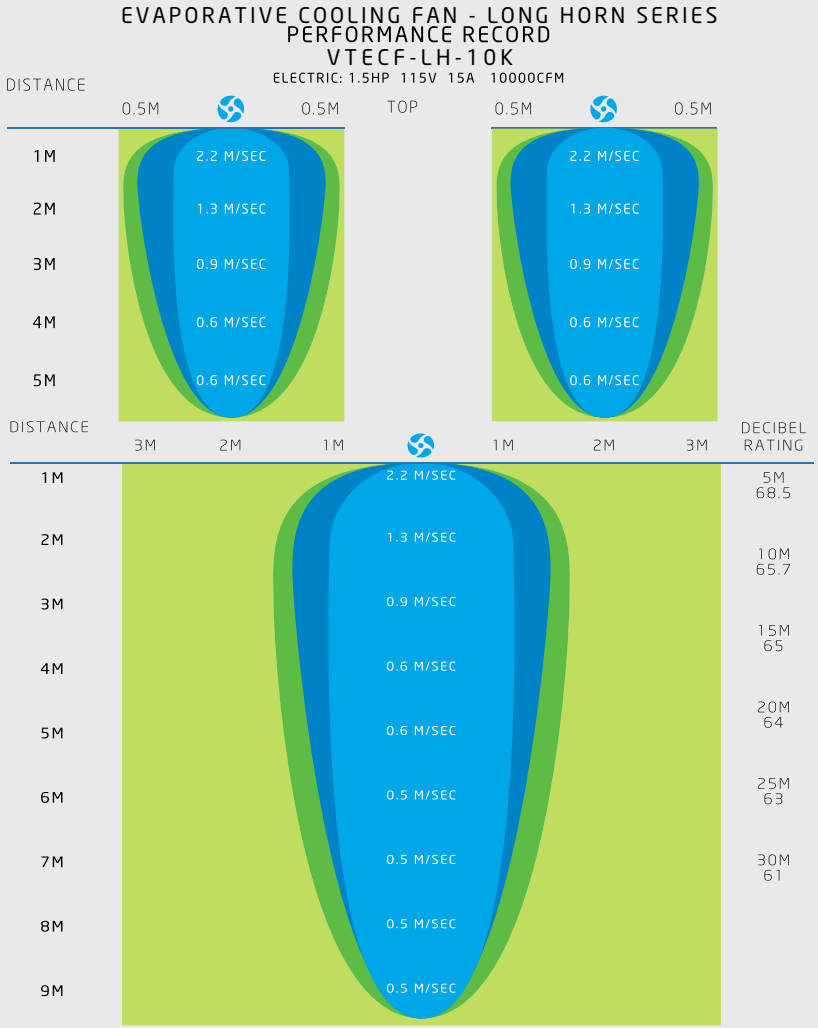
VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

EVAPORATIVE COOLING FAN - LONGHORN SERIES
VTECF-LH-10K

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS



MODEL	VTECF-LH-10K
AIR DELIVERY (MAX)	10000 CFM
FAN MOTOR	2HP (BLDC)
AMPERAGE	15A
VOLTAGE	115V / ALSO AVAILABLE IN 230 V. /50 Hz.
FREQUENCY	60Hz / ALSO AVAILABLE IN 230 V. /50 Hz.
RPM	1700 RPM
PHASE	SINGLE PHASE
WATER RESERVOIR	56.5 GALLONS/ 214 LITERS
UNIT DIMENSIONS (IN INCHES)	59.1" x 31.5" x 60.1"
UNIT DIMENSIONS (IN MTS)	1.25 x 0.80 x 2.03 MTS
UNIT WEIGHT (IN LBS)	809 LBS
UNIT WEIGHT (IN KGS)	367 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	63" x 35.4" x 66.3"
UNIT DIMENSIONS (IN MTS)	1.27 x 0.82 x 2.21 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	853 LBS
UNIT WEIGHT (IN KGS)	387 KGS

– 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 ACCESORY

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

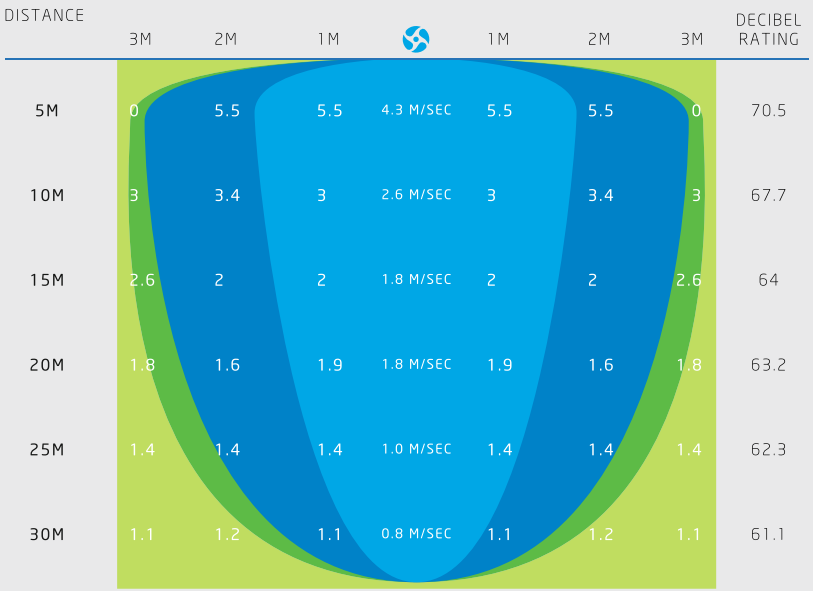
GALVANIZED STEEL FAN
VTGSF-54-25K

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS

GALVANIZED STEEL FAN SPECS
PERFORMANCE RECORD
VTGSF-54-25K

ELECTRIC: 1.5HP 115V / 230A 15A / 6.65A 25000CFM



MODEL	VTGSF-54-25K
AIR DELIVERY (MAX)	25000 CFM
FAN MOTOR	1.5HP BLDC
MOTOR DRIVE	BELT DRIVE
FAN AMPERAGE	10A / 54
VOLTAGE	115V / 230V
FREQUENCY	60Hz
RPM	430 RPM
PHASE	SINGLE PHASE
OUTER CASE	GALVANIZED STEEL
IMPELLER	48" SIX BLADE (SS)
UNIT DIMENSIONS (IN INCHES)	54.3" x 54.3" x 15.7"
UNIT DIMENSIONS (IN MTS)	1.38 x 1.38 x 0.40 MTS
UNIT WEIGHT (IN LBS)	154 LBS
UNIT WEIGHT (IN KGS)	70 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	58.7" x 55.9" x 17.3"
UNIT DIMENSIONS (IN MTS)	1.49 x 1.42 x 0.44 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	158 LBS
UNIT WEIGHT (IN KGS)	72 KGS

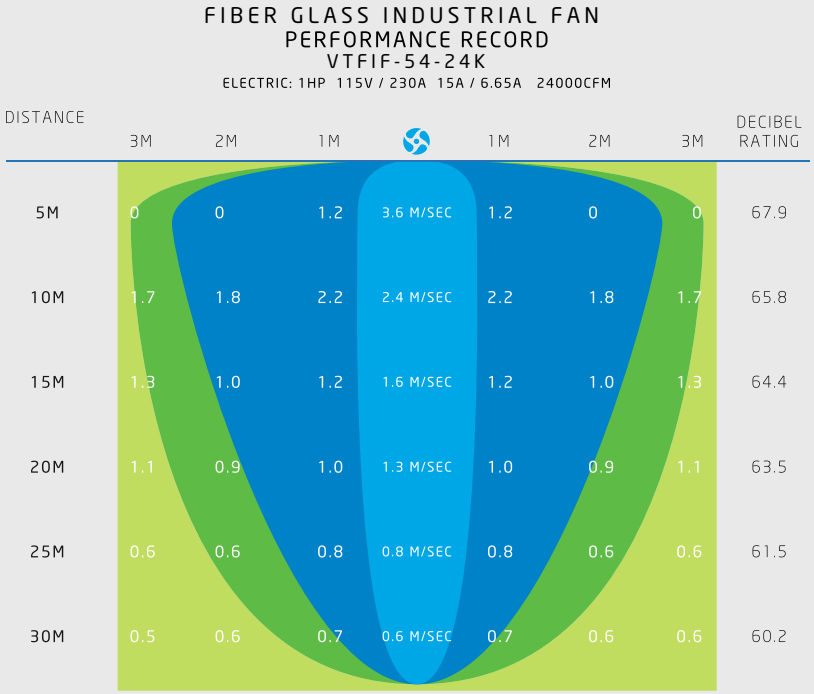
VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

FIBERGLASS INDUSTRIAL FAN
VTFIF-54-24K

ALSO FOR AGRICULTURAL APPLICATIONS

VENTOCOOL
HIGH PERFORMANCE EVAPORATIVE COOLING UNITS

PRODUCT SPECIFICATIONS



MODEL	VTFIF-54-24K
AIR DELIVERY (MAX)	24000 CFM
FAN MOTOR	1HP BLDC
MOTOR DRIVE	DIRECT DRIVE
FAN AMPERAGE	8A / 4A
VOLTAGE	115V / 230V
FREQUENCY	60Hz
RPM	460 RPM
PHASE	SINGLE PHASE
OUTER CASE	FIBERGLASS
IMPELLER	48" SEVEN BLADE (PLASTIC)
UNIT DIMENSIONS (IN INCHES)	57" x 57" x 23.6"
UNIT DIMENSIONS (IN MTS)	1.45 x 1.45 x 0.60 MTS
UNIT WEIGHT (IN LBS)	110 LBS
UNIT WEIGHT (IN KGS)	50 KGS
SHIPPING DIMENSIONS	
UNIT DIMENSIONS (IN INCHES)	58.7" x 58.7" x 25.2"
UNIT DIMENSIONS (IN MTS)	1.49 x 1.49 x 0.64 MTS
SHIPPING WEIGHT	
UNIT WEIGHT (IN LBS)	115 LBS
UNIT WEIGHT (IN KGS)	52 KGS

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AMBIENCE CONTROL INNOVATIONS

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