



CYCLONE fan VHV72"

Stay cool with topcool



CYCLONE FAN VHV-SERIES (variable horizontal FANS) THE FRESH AIR "BLANKET" FOR YOUR ANIMALS!

Detail product:

Topcool composite fiber CYCLONE fan VHV-series provide THE MOST energy efficient and cost-effective way of cooling your animals during summer by either wind-chill only or by combing air velocity and evaporative cooling. VHV-fans are the optimum solution also in winter when used as a recirculation fan. Each VHV fan is fully controllable by using a VFD-control. The unique feature of the VHV series are the 6 air fold directional deflectors. The 6 air fold create an air pattern of 6 layers of air over the floor. This unique feature traps the animal inside a wave of fresh, oxygen rich air. With optionally integrated misting nozzles inside the deflectors, you can reduce the expensive heat stress of your expensive livestock.

Ideal for tunnel- or cross ventilated livestock buildings. This fan will either increase the cooling effect in livestock and industrial buildings (depending on the actual fan position) or creates a perfect mixing of air. Easy to install.

Topcool features:

Housing:

1. Made with reinforcement fiber composite high density, durable, sturdy, and corrosion free
2. Thicker layer of U.V. protection on composite surface.
3. Extra layer of resin inside gives a smooth surface for easy maintenance and perfect cleaning
4. Air flow design maximizes the efficiency
5. 6 directional air folds deflector

Propeller:

1. Heavy duty high precision bearing assembly with double protection seal and special "TOPCOOL" grease
2. Shaft fix on quick base mount
3. Blade are made with aluminum alloy 4 mm thicker
4. Belt: super high efficient moulded

notch model XPZ

5. Inner belt tensioned are standard with large diameter pulley
6. Long belt, can change easy around the paddle allowing "Quick belt change".

Motor:

1. Our high efficiency motors are totally enclosed (IP55).
2. All motors are designed and rated for years of trouble free operation.
3. Quiet operation on all range of speed

Support and frame:

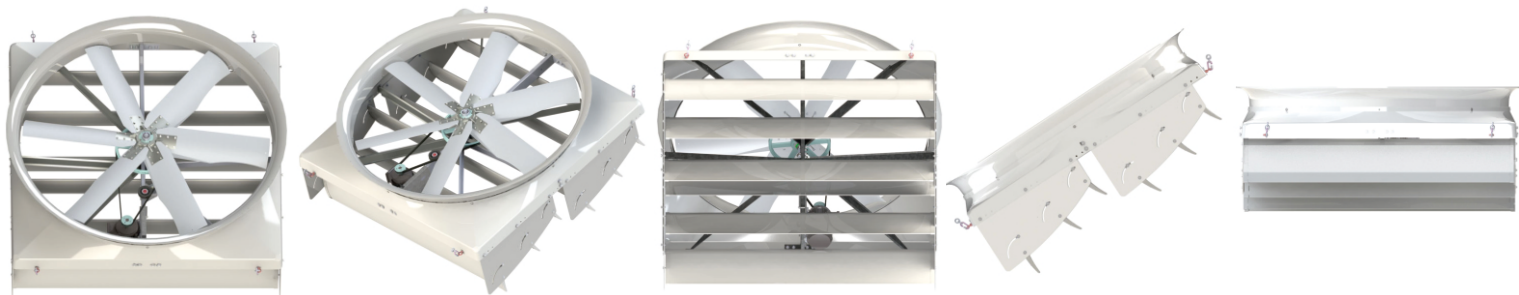
1. Built with central I beam steel support, fixed inside housing and connection. This design provides a strong vertical support that aligns the propeller center in the orifice for maximum performance.
2. Motor is fixed on slider motor base

for quick attach.

3. Stainless steel hardware #304.
4. Different solutions are available to mount this fan inside the barn: on steel post, building column or suspended from the ceiling with chain or winch kit (aircraft cable)

Optional accessories:

1. Motor 1 phase or 3 phase
2. OSHA safety guard
3. Thermal protection
4. Variable frequency drive (VFD)
5. 4 lines of high pressure nozzle misting system integrate inside the deflector
6. Different designs/models are available
7. Other configuration available on request.



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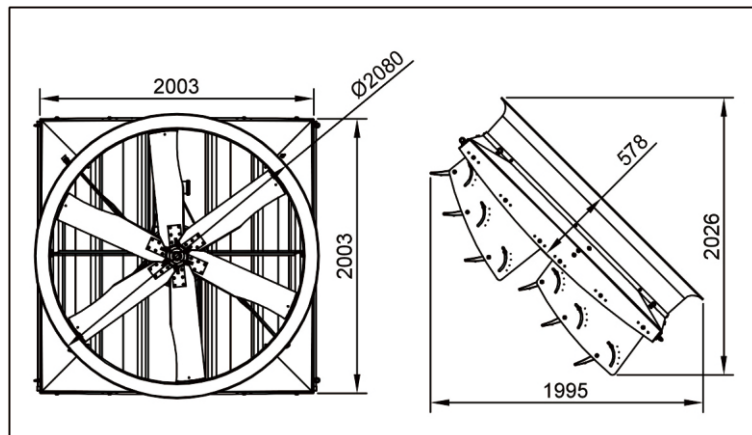
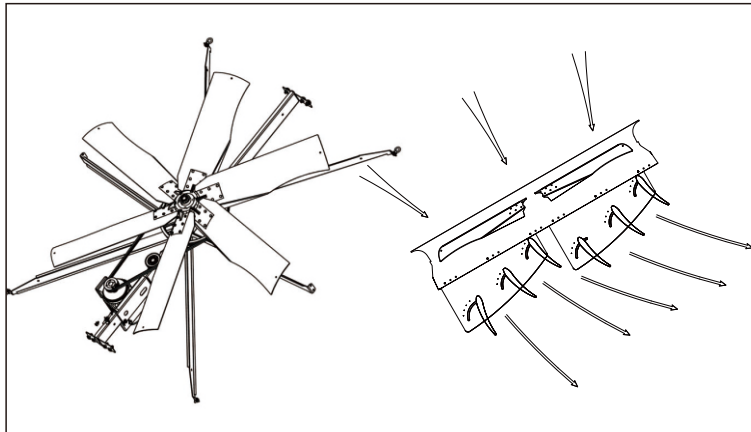


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FEATURE POINTS



PICTURE APPLICATION



*Picture for reference only.

CONFIGURATIONS & PERFORMANCE DATA

topcool parts no:	Nominal size	Power (kw)	Volt s	AMPS	Hz	motor Spd	Velocity m/s (5D)	Thrust (kgf)	Thrust Eff. Ratio	kW input	RPM	M3/h (airflow rate)	Efficacy (M3/h/W)	Drive	Blade	Test ref #
82-4103-0	72"	2.2	230/400	8.3/4.8	50	1420	ND	24.4	10.31	2.36	348	826 08	35.0	6/BD	Alu	Topcool

*For complete description and detail call now

The products show in this brochure are covered by a limited warranty.

Due to our continual effort to provide better products and service; literature, products, performance data, prices and availability are subject to change without notice.

Additional information is available at www.topcool.co

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Representative:

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