



Recirculation fan VHV72"-2015

Stay cool with topcool



Name: Recirculation fan VHV72-2015 (variable horizontal ventilator) or Cyclone 72
Size: 72"

Detail product:

Topcool composite fiber recirculation fan VHV72 provides energy efficient and cost-effective way for recirculation air in dairy application.

Optimum application:

72" composite fiber recirculation fan is the optimum solution for dairymen. This fan offers superior performance and good efficiency. The unique feature of the VHV72 series offer 6 air foil directional deflectors. The 6 air foil deflectors create 6 layers of air pattern over the floor. This unique feature traps the animals inside waves of air. With optional integrate misting nozzle inside of the deflector, you can reduce the expensive heat stress of each cow.

Other environment:

Ideal for tunnel or cross ventilation. This fan will increase the air velocity in dairy and industry. Improve air circulation and distribution. Easy for installation.

Topcool features:

Housing:

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

Propeller:

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

notch model XPZ.

5. Inner belt tensioned is standard with large diameter pulley.
6. Long belt, can be changed easily around the paddle "Quick change belt".

Motor:

1. Standard motors are totally enclosed, high efficiency.
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 in central with I beam steel support, fixed inside housing and attached, this design provides a strong vertical support that aligns the propeller centered in the orifice for maximal performance.
2. Motor is fixed on quick attachment

slider motor base.

3. #304 stainless steel hardware.
4. Different solutions can be available to mount this fan inside of the barn, on steel posts, building columns or suspended from the ceiling with chain or winch kit (aircraft cable).

Optional accessories:

1. Motor 1 phase or 3 phase.
2. OSHA safe guard.
3. Thermal protection.
4. Variable frequency drive (VFD).
5. 4 lines of misting system with high pressure nozzles integrate inside of the deflector.
6. Different design model is available.
7. Other configuration available on request.



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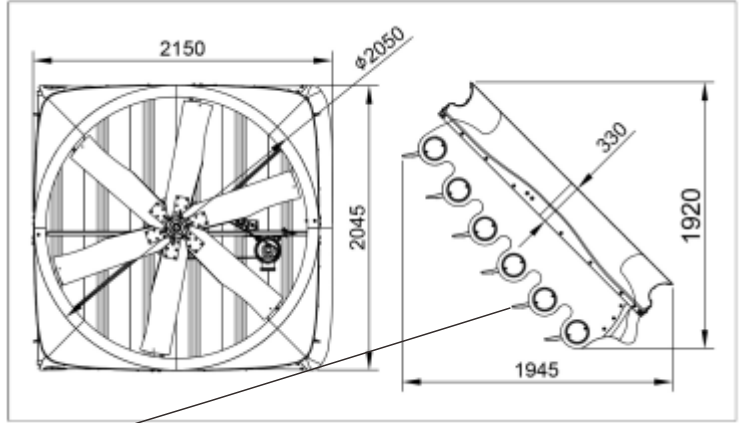
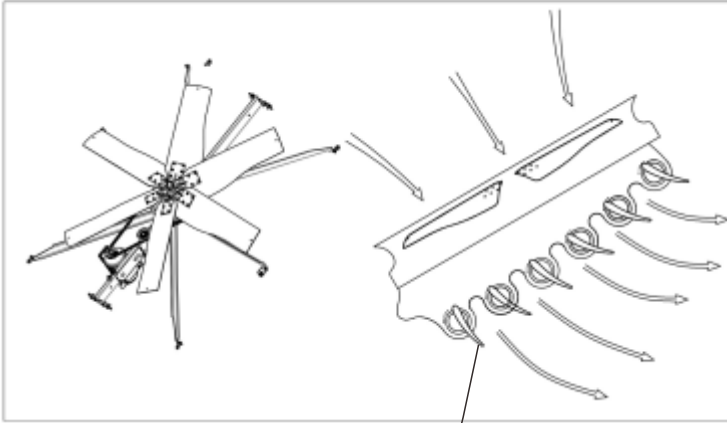


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FEATURE POINTS



*Performance rating does not include the effect of air foil directional deflectors.

PICTURE APPLICATION



*Picture for reference only.

*The fan is without air foil directional deflectors in the Test ref#33418-AC2.

CONFIGURATIONS & PERFORMANCE DATA

Topcool parts no:	Nominal size	Power (kw)	Volts	AMPS	Hz	Motor Spd	Thrust (lbf)	Thrust Eff. Ratio	kW input	Velocity FPM(5D)	RPM (Impeller speed)	Thrust CFM (airflow rate)	Efficacy (thrust cfm/W)	Drive	Blade	Test ref #
82-4012-0	72"	2.2	230/460	8.1/4.0	60	var	48.3	24.25	1.992	ND	335	46877	23.53	6/BD	AL	33418-AC2

Topcool Ventilation Equipment Co., Ltd certifies that the Recirculation fan VHV72"-2015 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to airflow rate at free delivery only. Speed (rpm) shown is nominal. Performance is based on actual speed of test.



*Other configuration are available.

*For complete description and detail please 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.

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Representative:

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