



Recirculation fan VHV55" Stay cool with topcool



Name: Recirculation fan VHV55 (variable horizontal ventilator) or Cyclone 55"
Size: 55"

Detail product:

Topcool composite fiber recirculation fan VHV55 provide energy efficient and cost-effective way for recirculation air in dairy application.

Optimum application:

55" composite fiber recirculation fan is the optimum solution for dairymen. This fan offers superior performance and good efficiency. The unique feature of the VHV series offer 4 air fold directional deflectors. The 4 air fold create air pattern of 4 layer of air over the floor. This unique feature traps the animal inside a wave of air. With the optional integrate misting nozzle inside the deflector, you can reduce the expensive heat stress of each cow.

Other environment:

Ideal restrict zone with lower ceiling , for tunnel or cross ventilation. This fan will increase the air velocity in dairy and industrial. Improved air circulation and distribution. 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 give smooth surface for easy maintenance and cleaning
4. Air flow design maximize the efficiency
5. 4 directional air folds deflector

Propeller:

1. Precision bearing assembly with protection seal and special "TOPCOOL" grease
2. Blade are made with aluminum alloy 2.5 mm thicker
3. Belt: super high efficient moulded

notch model XPA

4. Inner belt tensioned are standard with large diameter pulley
6. Long belt, can change easy 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 I beam steel support, fix inside housing and attach with 4 extra legs, this design provides a strong vertical support that aligns the propeller centered in the orifice for maximum

performance.

2. Motor are fix on slider motor base quick attach.
3. Stainless steel hardware #304.
4. Different solution can be 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. Thermally protection
4. Variable frequency drive (VFD)
5. 3 line of high pressure nozzle misting system integrate inside the deflector
6. Other configuration available on request.



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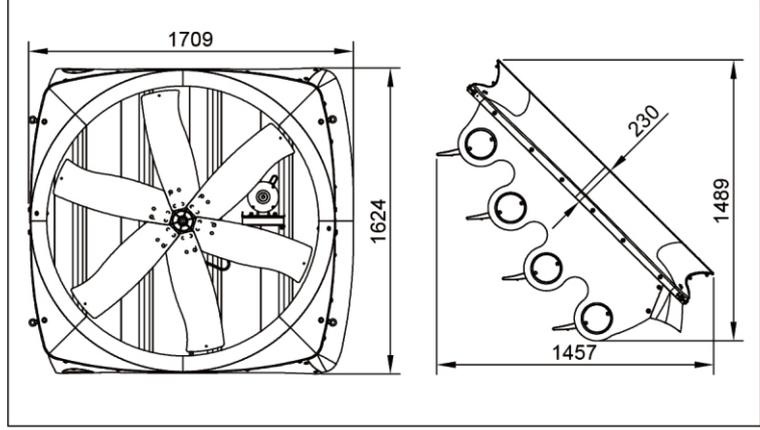
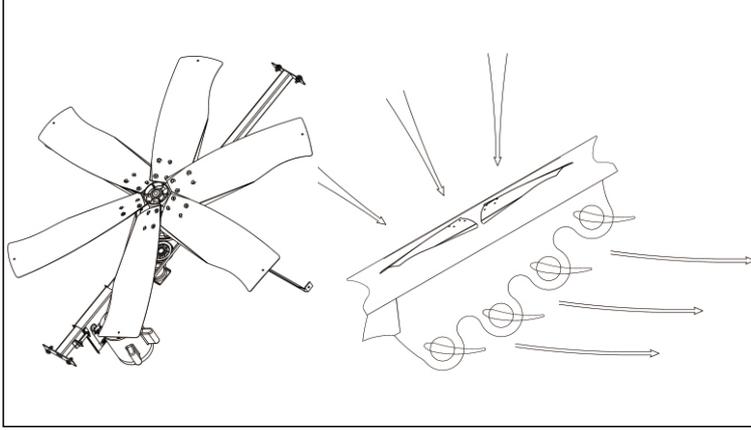


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Stay cool with topcool



FEATURE POINTS



PICTURE APPLICATION



*Pictures for reference only.

CONFIGURATIONS & PERFORMANCE DATA

topcool parts no:	Nominal size	Power (kw)	Volts	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 #
82-2002-0	55"	1.1	230/400	4.5/2.5	50	1420	ND	12.9	9.64	1.34	380	46058	34.5	6/BD	Alu	Topcool

*Other configuration are available.

*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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