



# Recirculation fan P-SERIES

Stay cool with topcool



Not only when cooling is required but also the "MUST-HAVE" solution in a lot of buildings or creating a more uniform inside temperature. The use of recirculation fans has proven in a lot of different applications that the costs for heating in winter can be reduced significantly.

## Detail product:

Topcool composite fiber recirculation fans provide energy efficient and cost-effective way for recirculation air in a variety of applications: Poultry sheds, greenhouses, dairy shed, goat/sheep sheds, warehouses, factories, etc etc.

Due to use of composite fiber Topcool recirculation fan are easy to clean and come with a low maintainance level. This fan offers superior performance and good efficiency.

## Other environment:

Ideal for tunnel or cross ventilated buildings or in areas where reducing heating costs is important. Recirculation is always advised if the outside temperature is lower than 5 degrees C or where draught is imposing a health danger for the respective animals. 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. Deep aerodynamic venturi housing encourages free air flow

### Propeller:

1. Heavy duty high precision bearing assembly with double protection seal and special "TOPCOOL" grease
2. Shaft fix on quick 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 "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 on top and bottom, this design provides a strong vertical support that aligns the propeller centered in the orifice for maximum

performance.

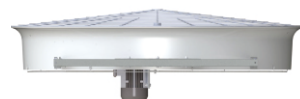
2. Motor are fix on slider motor base quick attach.
3. Different configuration of support are available to install the recirculation fan inside building.
4. Stainless steel hardware #304.

### Guard:

1. heavy gauge Zinc galvanized wire and power coating finishing prevent corrosion

### Optional accessories:

1. Motor 1 phase or 3 phase
2. OSHA safety guard
3. Thermally protection
4. Variable frequency drive (VFD)
5. High pressure misting fogging kit
6. Other configuration available on request.



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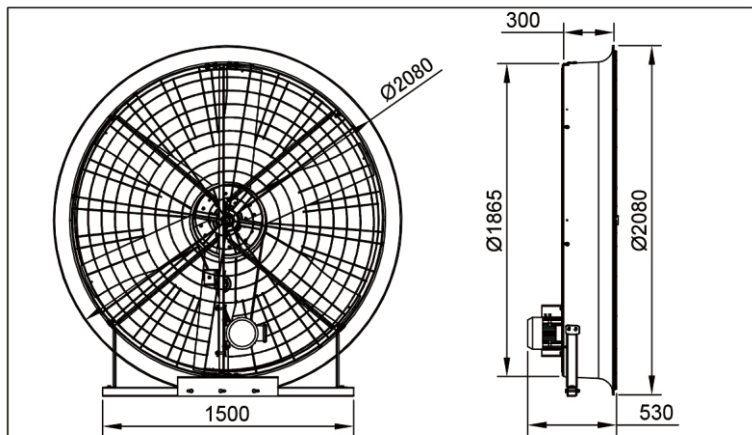
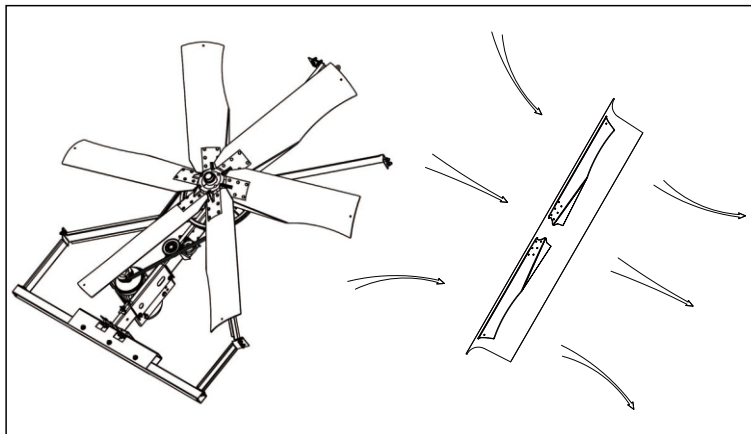




# Recirculation fan P72"

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## FEATURE POINTS



## PICTURE APPLICATION



\*Picture 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 #
83-4015-0	72"	2.2	230/400	8.3/4.8	50	var	ND	22.6	0.01	2.41	348	80070	33.3	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](http://www.topcool.co)

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**Representative:**

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