



Exhaust fan GF72"

Stay cool with topcool



Name: Exhaust fan Gf72
Size: 72"

Detail product:

Topcool composite fiber exhaust fan provide energy efficient and cost-effective way for exhausting air from divers application.

Optimum application:

72" composite fiber exhaust fan is the optimum solution for dairymen. This fan offers superior performance and good efficiency

Other environment:

Ideal for tunnel or cross ventilation. In dairy, poultry, swine, greenhouse and industrial.

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 to maximize the efficiency
5. Slanted design projects away moisture from outside building.
6. Condensation flows down outside keeping walls clean and dry in the wet season.
7. Inside mounting is flush, eliminating obstruction along walkways.
8. Aerodynamic housing tunnel and cone encourages free air flow

Support and frame:

1. Built in central I beam steel support, fix inside housing and attach on top and bottom of wall building, 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.

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 "Quick change belt".

Guard:

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

Shutter:

1. Design to lowers air flow resistance with preventing back drafts.

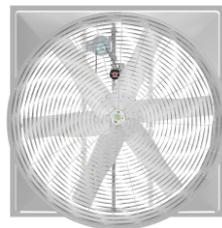
2. Easy to remove intake shutter with the "Topcool shutter clip" design

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
4. Standard motor 3 phase are variable with (VFD) in option.

Optional accessories:

1. Motor 1 phase or 3 phase
2. OSHA safety guard
3. Thermally protection
4. Variable frequency drive (VFD)
5. Winter board inserts (replace the shutter during winter, if the fan are not required to operate)
6. Long cone
7. No cone /guard fix on housing tunnel
8. Aluminum Shutter
9. Wire guard intake (no shutter)
10. Other configuration available on request.



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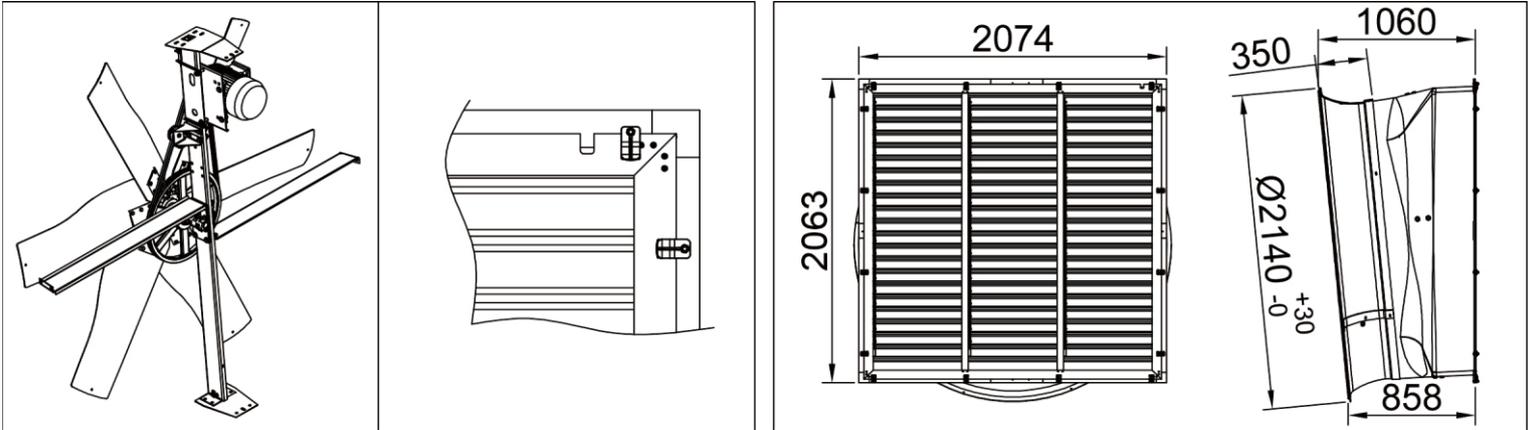


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FEATURE POINTS



PICTURE APPLICATION



*Picture for reference only.

CONFIGURATIONS & PERFORMANCE DATA

topcool parts no:	Nominal Power size	Volts	AMPS	Hz	motor Spd	kW input	RPM	CFM (0" SP)	CFM/W (0.05" SP)	CFM (0.05" SP)	CFM/W (0.10" SP)	CFM (0.10" SP)	CFM/W (0.15" SP)	CFM (0.15" SP)	CFM/W (0.20" SP)	CFM (0.20" SP)	CFM/W (0.20"/0.05")	AFR	Drive	Blade	Test ref#	
81-4050-0	72"	2.20	230/460	8.2/4.1	60	var	2.40	360	47,647	20.3	45,529	19.0	42,776	17.5	41,294	16.5	37,059	14.5	81%	6/BD	AL	topcool

*Other configuration are available.

*For complete description and detail call now

*Air Flow Ratio (AFR) here is calculated by dividing the CFM at .20 static pressure by the CFM at .05 static pressure.

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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