



Exhaust fan GF55"

Stay cool with topcool



Name: Exhaust fan GF55

Size: 55"

Detail product:

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

Optimum application:

55" composite fiber exhaust fan is the optimum solution for livestock and poultry application. 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 fibber 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. 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

Propeller

1. Duty precision double bearing assembly with protection seal and special "TOPCOOL" grease
2. Blade are made with aluminum alloy

3.2 mm thicker

3. Belt: super high efficient moulded notch model XPA
4. Inner belt tensioned are standard with large diameter pulley
5. 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 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.

Guard

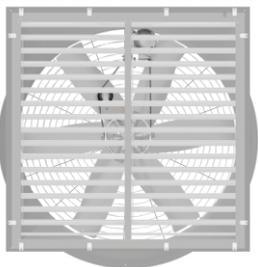
1. heavy gauge Zinc galvanized wire and power coating finishing prevent corrosion

Shutter

1. Design to lowers air flow resistance with preventing back drafts.
2. Easy to remove intake shutter with the "Topcool shutter clip" design

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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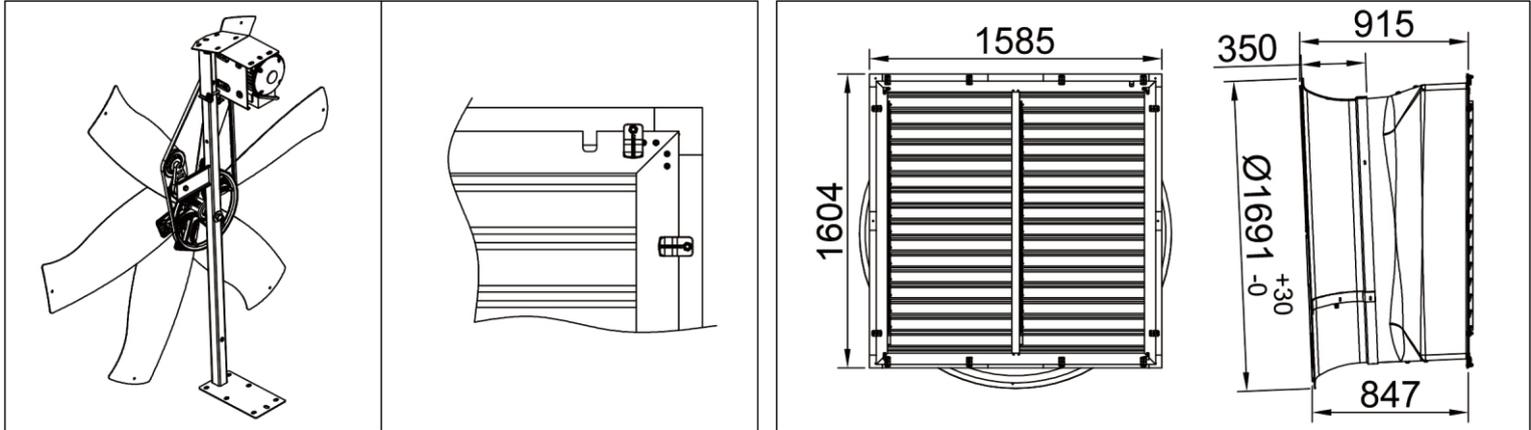


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FEATURE POINTS



PICTURE APPLICATION



*Picture for reference only.

CONFIGURATIONS & PERFORMANCE DATA

Certified by Bess Lab . 

topcool parts no:	Nominal size	Power (kw)	Volts	AMPS	Hz	Motor Spd	RPM	CFM (0" SP)	CFM/W (0.05" SP)	CFM/W (0.10" SP)	CFM/W (0.15" SP)	CFM/W (0.20" SP)	CFM (0.20" SP)	CFM/W AFR	Drive	Blade	Test ref #				
81-2056-0	55"	1.5	230/460	5.8/2.9	60	1725	440	25920	19.5	24270	17.5	22680	15.7	20430	13.6	17190	11.2	71%	6/BD	Alu	15532BL
81-2057-0	55"	1.5	230/460	5.8/2.9	60	1725	440	26100	20.0	24800	18.2	23400	16.5	21200	14.2	18300	12.0	74%	6/BD	Alu	15533BL
81-2058-0	55"	1.1	230/460	4.6/2.3	60	1725	403	24500	25.0	23000	22.2	21100	19.1	18500	16.3	13800	11.9	60%	6/BD	Alu	15543BL
81-2059-0	55"	1.1	230/460	4.6/2.3	60	1725	403	23900	23.9	22200	21.0	20000	18.1	17100	15.0	13000	11.2	59%	6/BD	Alu	15544BL

*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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