



# Exhaust fan GF36"

Stay cool with topcool



**Name: Exhaust fan GF36 direct drive fans**  
**Size: 36"**

## Detail product:

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

## Optimum application:

36" composite fiber exhaust fan is the optimum solution for livestock and poultry application. This fan offers superior performance and good efficiency. Mostly use for minimum and intermediate ventilation.

## Other environment:

Ideal for ventilation small room and 3 seasons 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
- 9.Propeller pitch and motor are closely matched to provide maximum air flow output and best efficiency

### Propeller:

- 1.Blade are made with zinc cold rolls steel G275.

### 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 T beam steel support, fix inside housing on each side and bottom this design provides a strong support that aligns the propeller centered in the orifice for maximum performance.
- 2.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.Winter board inserts (replace the shutter during winter, if the fan are not required to operate)
- 5.Long cone
- 6.No cone /guard fix on housing tunnel
- 7.Aluminum Shutter
- 8.Galv. 3 blade 1/2HP motor
- 9.Nylon blade with high airflow (50Hz only)
- 10.Belt drive configuration available with 1/2HP or 1.0HP for high airflow
- 11.Other configuration available on request.



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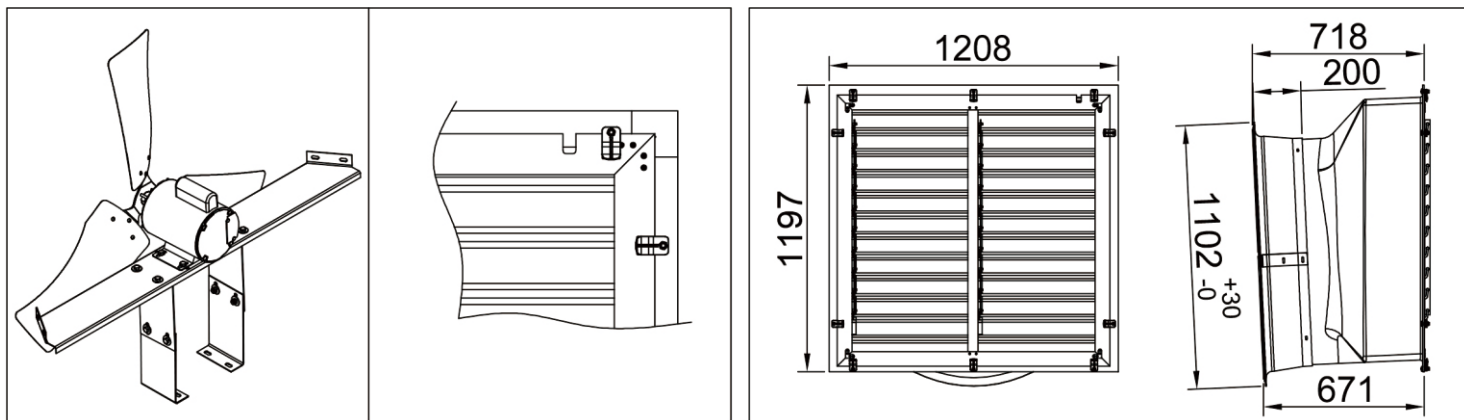


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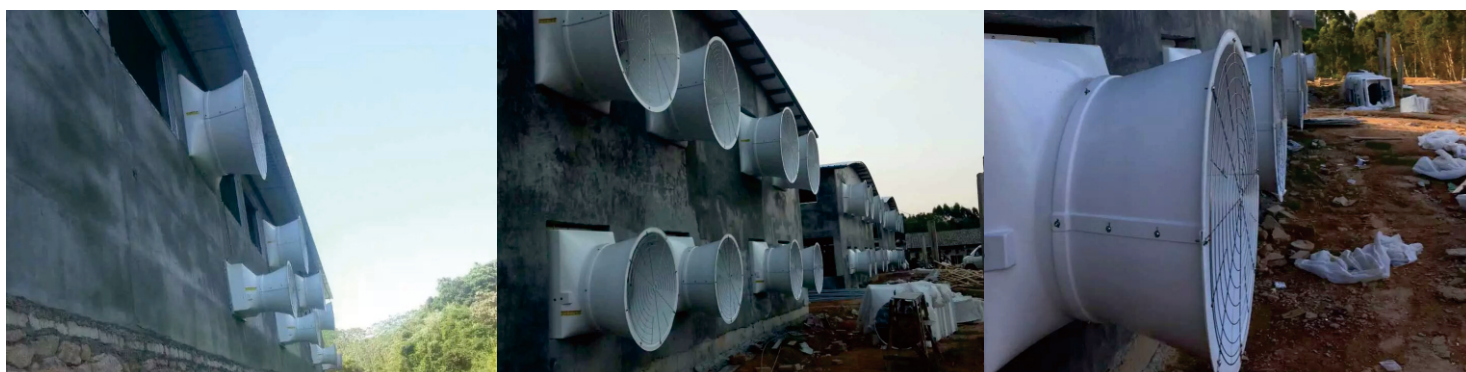
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## FEATURE POINTS



## PICTURE APPLICATION



\*Pictures for reference only.

## CONFIGURATIONS & PERFORMANCE DATA

| Topcool parts no: | Nominal size | Power (kw) | Volts | AMPS | Hz | motor Spd | kW input | RPM | CFM (0" SP) | CFM/W (0.05" SP) | CFM (0.10" SP) | CFM/W (0.10" SP) | CFM (0.15" SP) | CFM/W (0.15" SP) | CFM (0.20" SP) | CFM/W (0.20" SP) | CFM (0.20" SP) | CFM/W (0.20" SP) | AFR (0.20"/0.05") | Drive | Blade | Test ref # |
|-------------------|--------------|------------|-------|------|----|-----------|----------|-----|-------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|-------------------|-------|-------|------------|
| 81-1001-0         | 36           | 0.38       | 230   | 3.10 | 60 | 1         | 0.55     | 825 | 10000       | 18.2             | 9000           | 16.4             | 7600           | 13.8             | 6200           | 11.3             | 5000           | 9.1              | 56%               | 3/DD  | Zn    | N/A        |
| 81-1002-0         | 36"          | 0.38       | 230   | 3.96 | 50 | 1         | 0.55     | 725 | 10000       | 18.2             | 9000           | 16.4             | 7600           | 13.8             | 6200           | 11.3             | 5000           | 9.1              | 56%               | 3/DD  | Zn    | N/A        |

\*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.

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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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