

HARFIT

A U S T R A L I A

blower

<http://www.harfit.com.au>



FRP Axial Blower DT Series

Fibre Reinforced Plastic For Highly Corrosive Area

Upon entering the era of knowledge-based economy, the cutting-edge and core competitiveness of an enterprise is built on creative, innovative and value-added products.

Aiming at the needs of customers, HARFIT PTY. LTD., AUSTRALIA with years of experiences in professional blower design, spares no efforts in providing the most innovative and cost-effective products continuously to the market.

DT series, is one of the best-seller of HARFIT FRP Blower range, a compact-size Fibre-Reinforced-Plastic casing axial blower, starting from 20,000 CMH up to 59,000 CMH, can using either direct or belt drive.

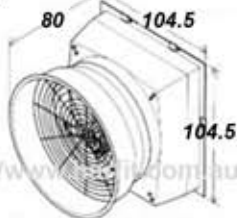
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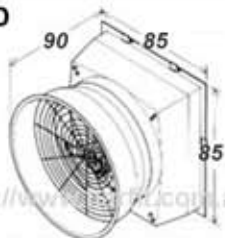
DT 42-6A



36" FRP Exhaust Cone Fan

36" Aluminium Alloy Propeller
Size : 104.5x104.5x80cm, 1/2HP
20,000 CMH 660 RPM

DT 42-6D



24" FRP Exhaust Cone Fan

24" Aluminium Alloy Propeller
Size : 85x85x90cm, 1/2HP
8,500 CMH 600 RPM

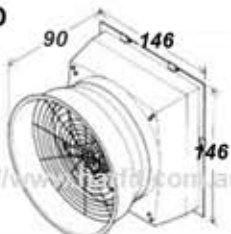
DT 54-3A



48" FRP Exhaust Cone Fan

48" Aluminium Alloy Propeller
Size : 146x146x80cm, 72 kg, 1.5HP
45,000 CMH 630 RPM

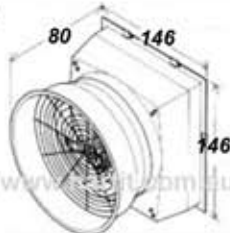
DT 54-3D



48" FRP Exhaust Cone Fan

48" Aluminium Alloy Propeller
Size : 146x146x90cm, 72 kg, 2HP
45,000 CMH 600 RPM

DT 54-6A



48" FRP Exhaust Cone Fan

48" Aluminium Alloy Propeller
Size : 146x146x80cm, 72 kg, 1.5HP
45,000 CMH 390 RPM

DT 54-7D



50" FRP Exhaust Cone Fan

7 Blades Polypropylene Propeller
Size : 146x146x80cm, 72 kg, 2HP
46,500 CMH 600 RPM

DT 60-3A



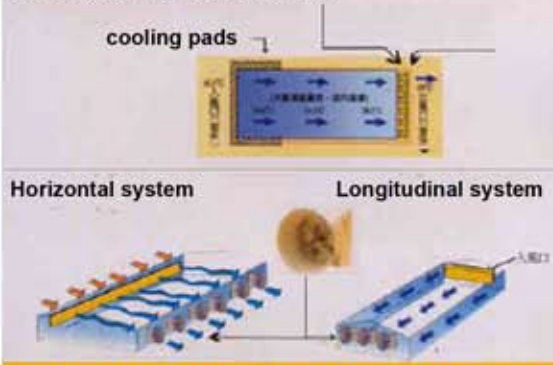
52" FRP Exhaust Cone Fan

52" Aluminium Alloy Propeller
Size : 162x162x92cm, 85 kg, 2HP
59,000 CMH 630 RPM



Best solution of reducing temperature

Cooling pads ventilation system



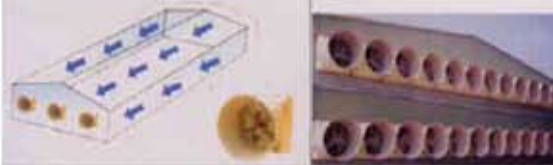
The method of cooling is done by installing a system of wet cardboard, through the use of evaporating cooling, Gsi Wind Chill Effect, and negative pressure ventilation to easily rid the house of odor and stagnant air, and maintain more consistent house temperatures.

1. After installation, the combined systems effectively exhaust high temperature air to reduce the house temperature (32-65°C) sharply and maintain it at the most comfortable condition, that is between 25-32°C. You may find an increase in production efficiency.
2. It effectively improves the factory ventilation by 95-99%.

Negative pressure ventilation system (the most economic and efficient)

Wall mounted

fig.3.1



The theory of air exchange and air distribution remove odor and stagnant air out of the house, and hung in windows or doorways to bring fresh air in. The speed of air flow per second, number of air change per hour, the amount of fresh air to be brought in can be accurately controlled.

1.(Fig. 3-1)Wall mounted negative pressure ventilation system

This is the best negative pressure ventilation system. It effectively improves the factory ventilation efficiency by up to 90-97%.

Wall mounted (elbow type)

fig.3.2



2.(Fig. 3-2)Wall mounted negative pressure ventilation system(Elbow type)

To prevent from exhausting the hot air to the neighbors, wall mounted negative pressure ventilation (Elbow type) is a good solution to allow the hot air to be discharged either upward or downward. This is also an environment-friendly ventilation system. It effectively improves the factory ventilation efficiency by 85-95%.

Roof mounted ventilation system

FRP molded in one piece

fig.4.1

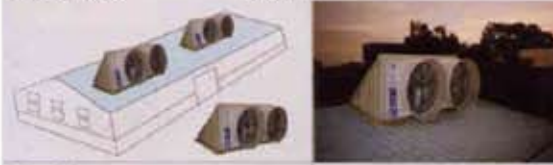


3.(Fig. 4-1)Roof mounted negative pressure ventilation system

In case a wall mounted negative pressure ventilation system is not applicable, then roof mounted negative pressure ventilation system is specially designed for roof mounted applications. First of all, build a base, then install the FRP exhaust fan to solve the problem once and forever. The roof-mounted exhaust fan extracts the contaminated or grease laden air out of the roof. This is also an environment-friendly ventilation system.

Steel Case

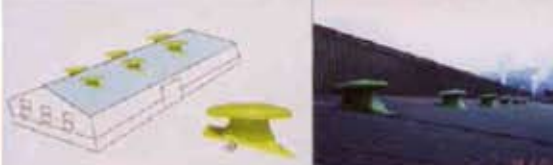
fig.4.2



4.(Fig. 4-2)Negative pressure ventilation system

The FRP exhaust fan shown in Fig. 4-1 is molded in one piece. It offers the characteristics of dependability, durability, good looks and is water and typhoon proof. However, FRP costs a lot more. An exhaust fan made of C type steel should be a pricewise choice. However, the exhaust fan made of C type steel is not as durable as that of FRP. The painted plates may crack and cause leaking after several years of use. To ensure that the system will function properly, maintenance and care are absolutely necessary.

Roof fan



Roof Mounted Forced Ventilation System

The external air is drawn in by mechanical systems. One doesn't have to concern himself with how hard the wind is blowing and from what direction. The operating efficiency depends on the height of the building.

1. It effectively improves the ventilation efficiency by 50-90%.

INSTALLATION MANUAL

