

PRO-VENT



Industrial Fans



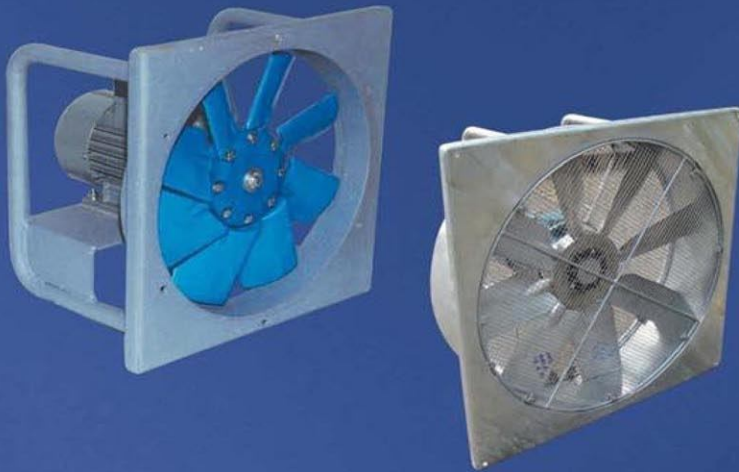


PLATE MOUNTED FANS

HISON plate mount fan, an efficient alternative to the ducted axial fan where installation is a constrain and pressure requirement is low. Available in 3 phase or 1 phase motors.



MANCOOLERS AND BUG BLOWERS

Specially designed for cooling hot spots, cooling, gas freeing and fume removal applications.

HISON Mancoolers aid in the dissipation of body heat through a higher evaporation rate, helping to prevent heat exhaustion and increase personal safety.

Particularly effective for fast turn around, minimising costly down time or where a clean healthy environment must be maintained for the safety of workers.



Various types of Bug Blowers are available to suit different or hazardous working conditions. Bug Blowers with Explosion Proof Motor & SRC for hazardous locations are 'ATEX' Certified.



VANE AXIAL FANS

HISON Axial Flow Fans with downstream guide vane increases pressure development generally by 25 to 30%. Fan efficiency will also normally improve on fans with guidevane unit.



MARINE FANS

Fans for marine industries and offshore projects are ruggedly constructed to withstand stringent and hostile environments.

Explosion proof motors and spark Resistant Construction Fans are available on requirement.



BIFURCATED FANS

HISON Bifurcated Fans, splitway with motor out of air stream are designed to meet difficult operating conditions, like movement of

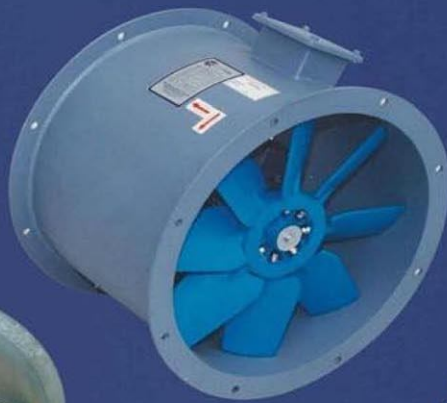
- Heated and hot air/gas
- Hazardous air
- Kitchen exhaust system
- Corrosive or contaminated properties
- Alternative to flameproof motor



BELT DRIVEN

Designed for application where motors need to be outside system airstream. HISON belt driven fans are ideal for moisture laden or dust laden or where system exhaust heated air.

HISON PRODUCTS



HISON AXIAL FLOW FAN

(Formerly known as Howden Fan)
Available in both direct and belt driven arrangements. Casing can be constructed of mild steel, aluminium or stainless steel materials.

TYPICAL APPLICATIONS

- Air conditioning
- Building ventilation
- Marine industries
- Offshore projects
- Oven exhaust
- Spray booth exhaust
- Cooling
- Kitchen exhaust, etc...

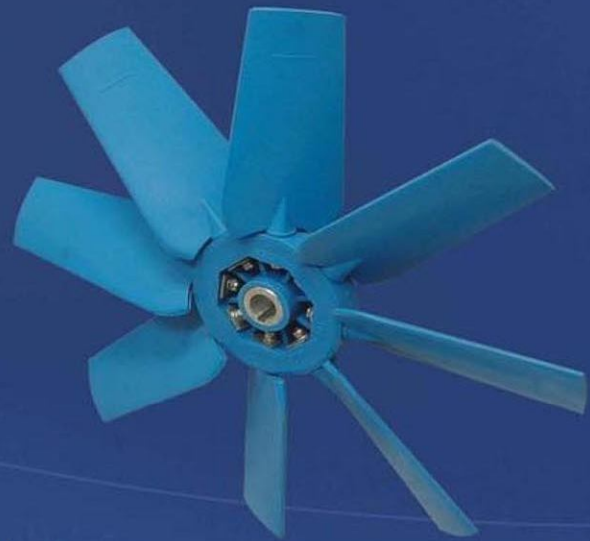


HISON IMPELLER

HISON Impellers used on Axial Fans features the following advantages:-

- Adjustable pitch angles from 4° to 40°
- High efficiencies – up to 86%
- Non-overloading characteristic
- Low noise level
- Non-corrosive

Size available from 150mm to 2000mm in diameter.
Polypropylene Materials – Up to 760mm diameter.
Aluminum – From 200mm onward.



TEST METHOD

- The performance ratings of HISON fans have been established by test carried and in accordance with "BS 848 - Part 1 - 1980"
- Latest ISO 5801 First Edition 1997-06-1 and AMCA 210-99 Standard
- Sound data is tested in accordance to BS 848 - 1985 - Part 2 and ISO 5136 First Edition 1990-12-15

SPECIAL CONSTRUCTIONS

(Spark Resistant Construction – SRC)

HISON fans with Explosion Proof Motors and Spark Resistant Construction Features are built in compliance and certification by the following bodies

- Basefa Certified "ATEX" Certifications
- Type Approval by American Bureau Societies (ABS)
- AMCA Standard 99-0401-80 Type B SRC



ALLIED EQUIPMENT



DISCHARGE DAMPER



STORM LOUVER/
MIST ELIMINATOR



ELECTRICAL STARTERS



WATER-TIGHT COVERS



GUIDE VANE



POD SILENCER



SILENCER WITH
SHUT-OFF DAMPER