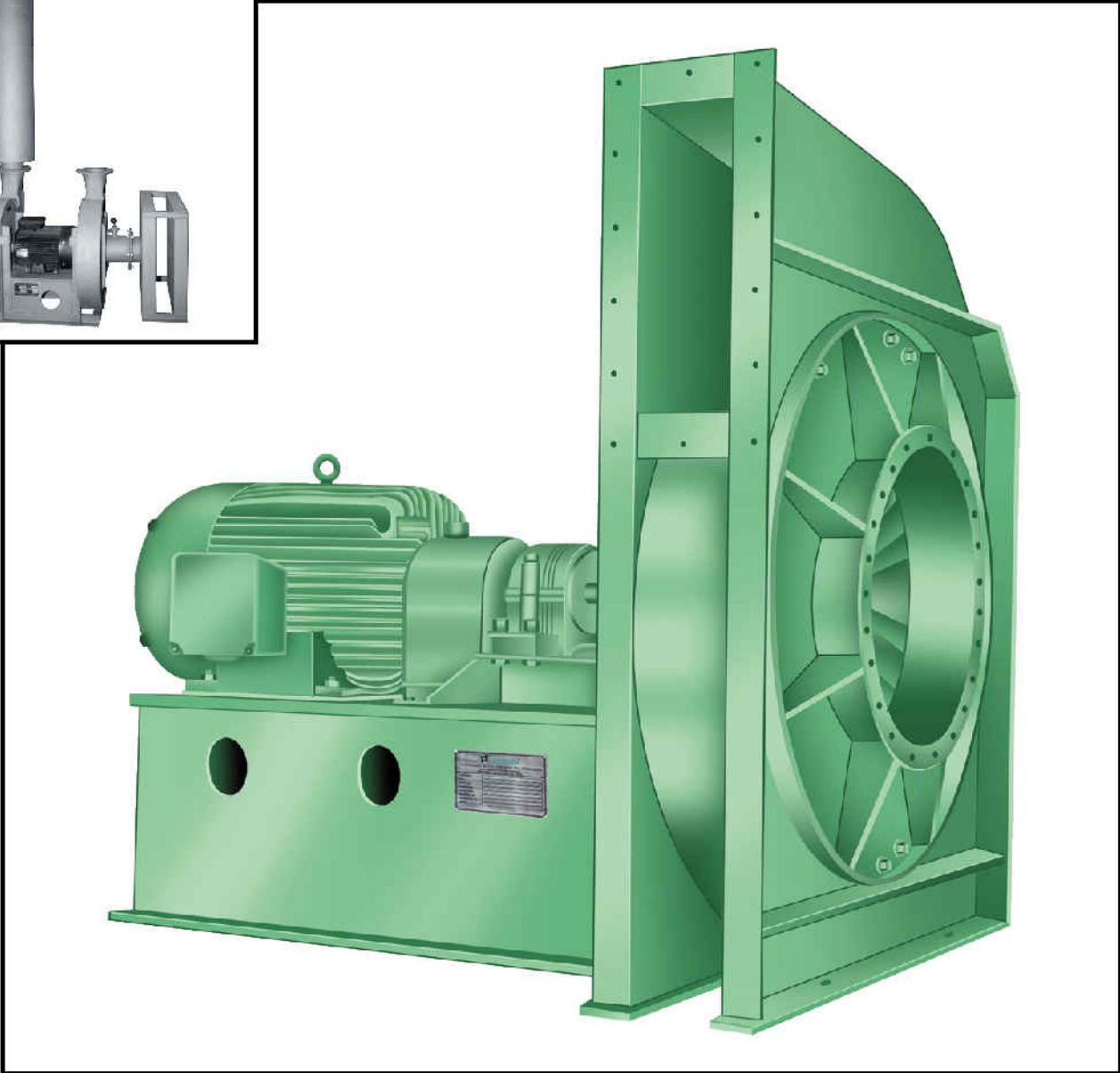


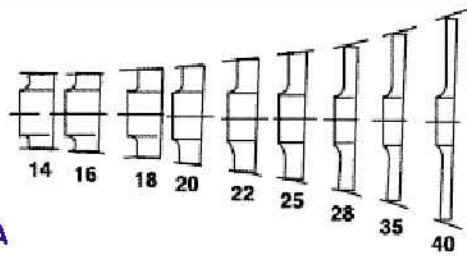
# HIGH EFFICIENCY CENTRIFUGAL BLOWERS



SAVE ENERGY  
SAVE MONEY



## HIGH EFFICIENCY CENTRIFUGAL BLOWERS



### SPECIAL

● Series HF AEROMATIC High Efficiency Fans are a new concept in Fan Engineering. Each type 14 to 40 has different specific speed for best efficiency. Each type having various sizes selected from basic log series of prefer numbers. This has made possible to select the best type and size for a given speed, capacity and pressure. Selection of SWSI / DWDI / Multistage will be based on specific speed for a suitable type for best efficiency.

**Range :** Capacity upto 2,00,000 M<sup>3</sup>/Hr.  
: Pressure upto 2500 mm Wg.

**Fan Duty :** For handling ● Air ● Hot fuel gas upto 600°C  
● Fiber material ● Corrosive gases ● Dust laden air.

**Fan Drive :** ● Impellers directly mounted on shaft.  
● Direct coupled through flexible coupling ● 'V' belt.

**Construction :** ● Corrosion and acid resistant fans  
● Wear protected fans. ● Explosion protected fans. ● Gas tight fans. ● Poisonous and risky gas fans. ● Rubber / FRP coated fans.

**Material :** ● Carbon steel ● Stainless Steel ● Aluminium  
● Rubber lined ● Fibre Glass lined ● Epoxy painted  
● Chlorinated Rubber painted.

**Housing :** ● Steel fabricated welded construction braced with steel flats and angles. Split casing can be provided for large sizes. Inspection door and drain plug can be provided.

**Impeller :** Impeller can be made in light, medium and heavy construction Class I, II and III.

Steel or Cast Iron hub will be welded, bolted or rivetted on impeller back plate.

Impeller will be statically and Dynamically balanced.

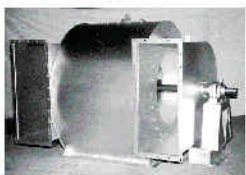
**Shaft :** Shafts are of EN-8/GN-9 steel properly sized to keep away from critical speed.

**Shaft Seals :** ● Metal asbestos seal ● Labyrinth seals  
● Packed stuffing Box ● Stuffing Box with Intermediated pressure relief chamber.

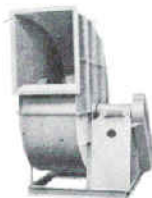
**Bearings :** ● Ball bearings ● Roller bearings ● Oil lubricated bearings. ● Grease lubricated bearings.  
● White metal lined bush bearings. ● Water cooled bearings.

**Bearing Life :** Bearings are designed for Longer Life. This life can be attained when properly lubricated, kept clean, tensioning belts correctly and keeping Impeller clean and balanced.

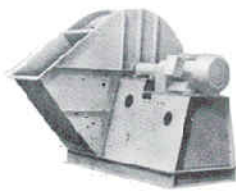
**Optional Accessories :** ● Vibration isolaters and flexible connection at inlet and outlets can be provided to minimise transmission of vibration and noise. ● Inlet / Outlet silencer provided to reduce noise level. ● VIV / Multivane damper provided for controlling air.



Blower DWDI  
Type - 14



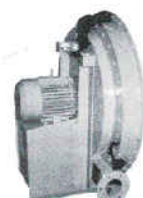
Blower  
Type - 18



Blower  
Type - 22



Pressure Blower  
Type - 35



High Pressure  
Two stage Blower



High Capacity High Pressure  
Two Stage Blower



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