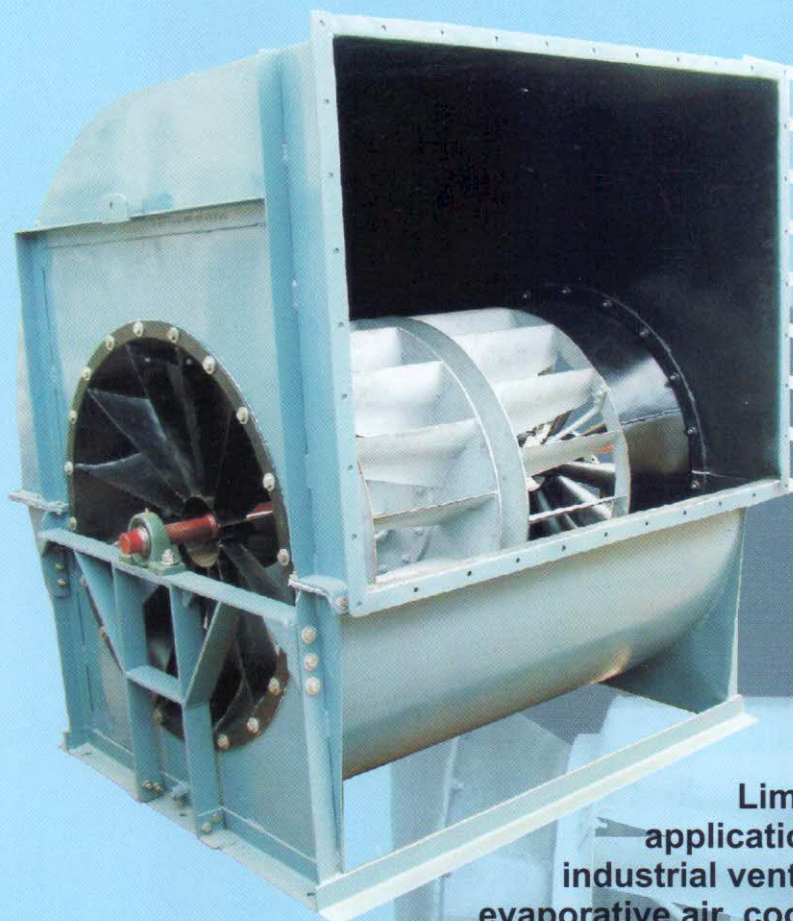




# LIMIT LOAD BLOWER



Limit load blower is designed for varied application in the field of air conditioning, industrial ventilation, humidification, heating and evaporative air cooling. This blower is provided with a medium speed impeller having double curved backward discharge tip blades and stationary directional inlet vanes for quiet operation and maximum efficiency. The power characteristics is self-limiting and the blower, therefore, need not be over powered. This blower is available in single inlet and double inlet construction.

**AVENIR PROJECTS PRIVATE LIMITED**



## AIR HANDLING CAPACITY

- ❖ Single inlet single width limit load blower  
3000M<sup>3</sup>/hr – 100000M<sup>3</sup>/hr
- ❖ Double inlet double width limit load blower:  
5000M<sup>3</sup>/hr – 200000M<sup>3</sup>/hr
- ❖ The blower is suitable to develop a static  
pressure up to 75mm of WG.

## STANDARD FEATURES

- ❖ Mild steel casing of welded construction
- ❖ Stationary inlet guide vane.
- ❖ Double curved backward discharge multi  
bladed impeller.
- ❖ Cast iron hub
- ❖ Mild steel shaft.
- ❖ Self aligning ball / roller bearing.
- ❖ Statically and dynamically balancing.
- ❖ Synthetic enamel paint on two coat of primer.

## ADDITIONAL FEATURES ON REQUEST

- ❖ The blower of higher static pressure up to 150mm WG.
- ❖ Sleeve bearing.
- ❖ Oil lubricated ball bearing to withstand high temperature up to 300°C.
- ❖ Construction of aluminum and stainless steel.
- ❖ Inspection window and drain plug.
- ❖ Cooling disc.
- ❖ Hot spray galvanizing or special painting for corrosive atmosphere.

## SCOPE OF FIELD AND RANGE OF ACTIVITIES SYSTEMS AND EQUIPMENTS

- Dust proofing / P&V system
- Process Air Conditioning System
- Evaporative Air Cooling System
- Humidification & Ventilation System.
- Hot Air Blowing System
- DC/HT Mill Motor Ventilation System
- Fume Extraction & Scrubbing System
- Pulse Jet Bag Filter & Cyclone
- Paper / PVC Fills & Unitary Air Washer
- Refrigeration System & Cooling Tower
- High, Medium & low Pressure fans
- Limit Load & Industrial Blowers
- Axial Flow & Roof Extractor Fans
- Air Handling & Fan Coil Units
- Water & Air cooled Chilling Units
- Condenser, Chiller & Cooling Coils
- Mist Eliminator, Louvers & Nozzles
- HDPE Pre & Fine air Filter
- Self Cleaning Auto Viscous Air Filter
- Grills, Diffusers & Dampers

**SERVICE FROM CONCEPT OF DESIGN TO ERECTION & COMMISSIONING OFFERED BY :-**



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