



AEROMECHS ENGINEERING & CONSULTANCY



An Excellence in Industrial Fans

WWW.AEROMECHS.COM





ABOUT AEROMECHS

Aeromechs Engineering & Consultancy is pioneer in Manufacturing & Engineering of comprehensive range of all types of Industrial Fans (centrifugal) suitable for all major Industries/ Applications like Air/Gas Handling in Thermal power plant, Cement plant, Steel plant, Paper industries, Sugar Mills, Rice Mills, Fertilizer plant, Oil & Gas. We offer Fans with high efficiency with a wide range of operation to meet varied requirement of customers & also offer best techno-economical solutions with proven design technology.

FANS FOR ALL APPLICATIONS & INDUSTRIES

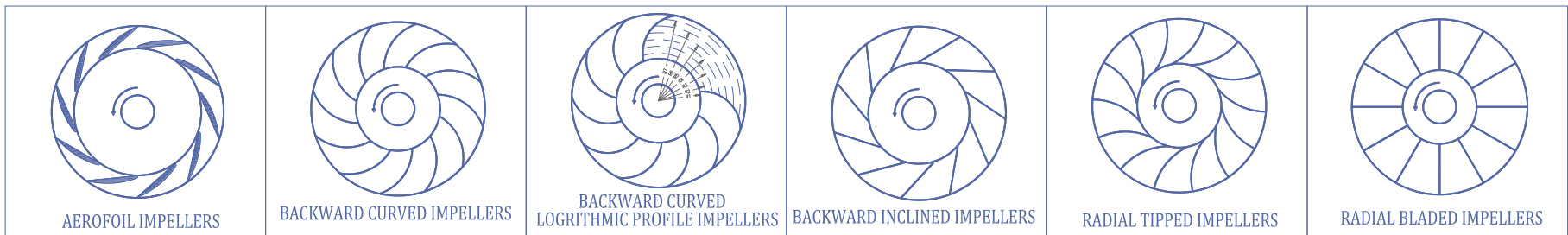
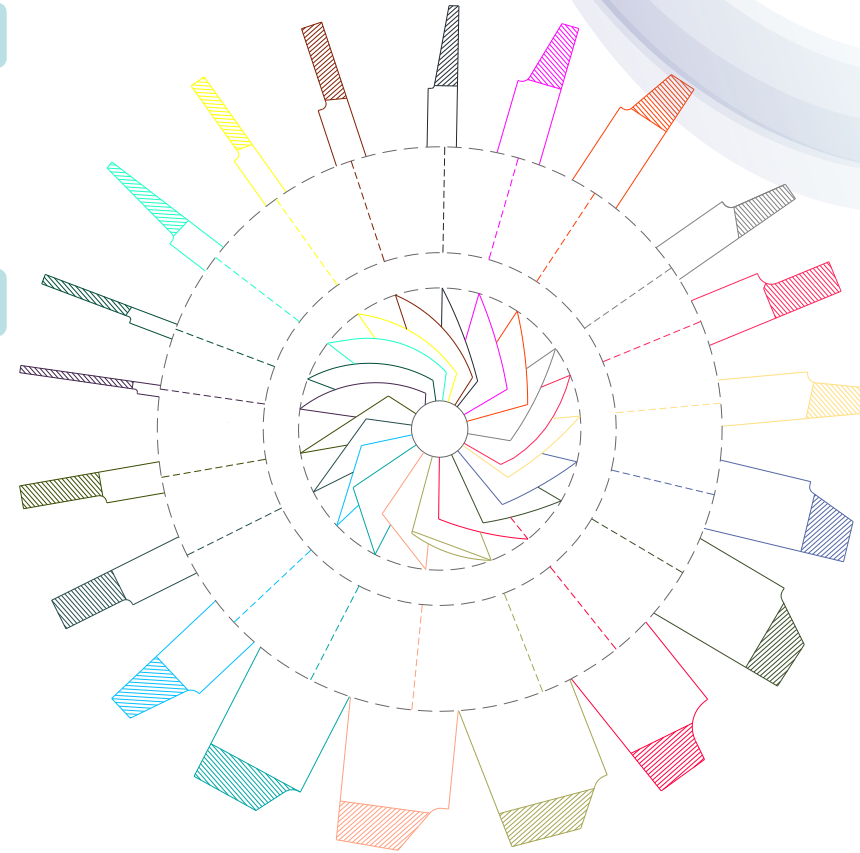


Our Fans Range/Capacity

- Flow ranges from 1000 m³/hr. up to 10,00,000 m³/hr.
- Pressure ranges from 100 mmwc up to 3000 mmwc
- Temp. ranges from 20 deg C to 450 deg C.

Different Type of Centrifugal Impellers

- Backward Aerofoiled Bladed Impeller (Tot. efficiency up to – 92% suitable for clean Air & Non-Abrasive dust)
- Backward Curved Bladed Impeller (Tot. efficiency up to – 89% suitable for dusty & dry application)
- Backward Inclined Bladed Impeller (Tot efficiency up to – 85% suitable for dusty application)
- Backward Radial Tip Bladed Impeller (Tot efficiency up to – 78% suitable for dusty application)
- Backward Radial Bladed Impeller (Tot efficiency up to – 65% suitable for dusty application)





Salient Features of Aeromechs Fans

Optimum Aerodynamic characteristics

Inflow losses minimized by flow-inducing inlet cone design, minimal clearance losses between impeller and inlet cone.

High Degree of efficiency

Up to 92% in the optimum range.

Limit Load Characteristics

No overloading of motor under operating conditions at variance with design specifications

Smooth Running

Robust Construction Heavy steel construction featuring high strength. Bearings designed to ensure long term service life

Low Noise

Within the range of highest degree of efficiency, sound level is low.

Flow Control Options

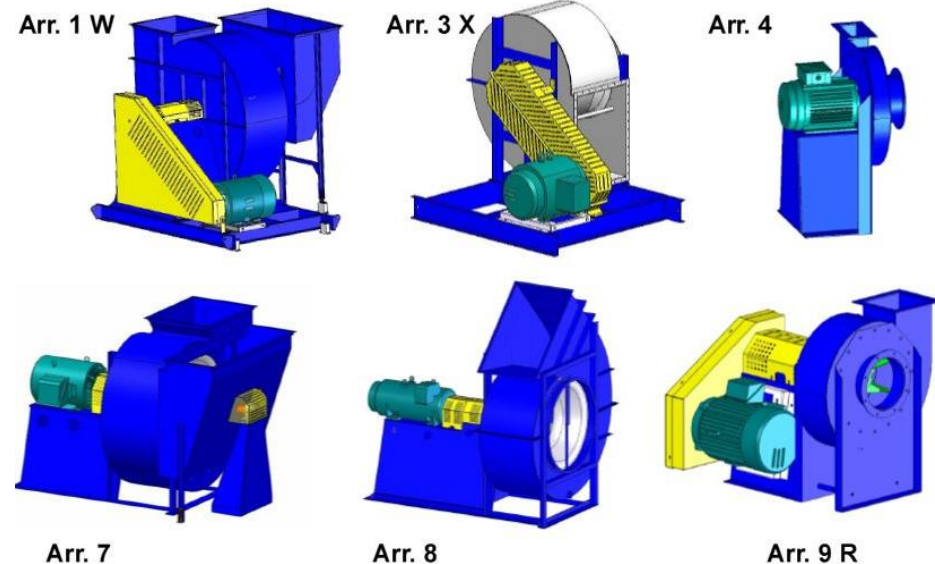
Adjustable inlet guide vane, multi louver box damper, Single Flap Damper.

Acoustic Control

Silencer to reduce noise level & with minimum pressure drop.

Fan Type Availability

Wide choices of models are available, meeting exact operating conditions. Centrifugal fans are available in Single inlet (SWSI), Double inlet (DWDI) Overhung Impeller, Simply Support Impeller, Motor Mounted Impeller, Split casing for large size fans with accessories are available.





www.aeromechs.com



AEROMECHS ENGINEERING & CONSULTANCY

Unicity Business Centre
Office Suite No. 316, Zirakpur Chandigarh Highway
Zirakpur, Punjab 140603

Contact :
Mobile / WhatsApp : +91-8283955225
Email: contactus@aeromechs.com,
www.aeromechs.com