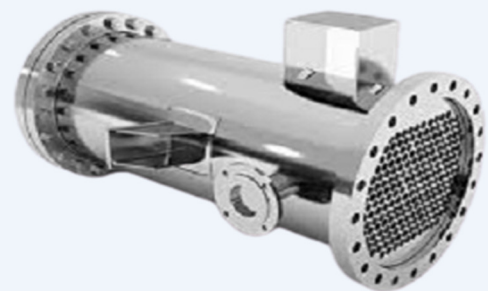




INDUSTRIAL AIR BLOWER

- ◆ Twin Lobe Blower
- ◆ Tri Lobe Blower
- ◆ Biogas Blower
- ◆ Industrial Centrifugal Fan
- ◆ Tube Axial Fan
- ◆ Acoustic Hood
- ◆ Blower After Cooler



CHIRAG TECHNOPRODUCTS AND CONSULTANTS

742/F3, Takshashila CHS, MHADA, Morwadi, Pimpri, Pune-411018.

chiragtechnoproducts@gmail.com; M- 9225891068/8149013659.

POSITIVE DISPLACEMENT BLOWER

We are authorized channel partner for KPT make Twin/Tri Lobe blowers. We offer sales and service for KPT blowers on PAN India basis. These blowers are mfg. and tested in advanced mfg. facility with cutting edge technology.

Blowers are available in TWIN LOBE and TRI LOBE construction with wide range of models to choose as per application and capacity requirements.

Capacity - From 15 m³/hr to 15000 m³/hr

Pressure Range - from 100 mbar to 1100 mbar..



Unique Features-

- Non pulsating Oil free Air.
- Air cooled design.
- Suitable for Continuous Duty.
- Lobe with integral shaft for better performance.
- PTFE strips on rotor lobe to minimize back flow /Slip.



Material Of construction-

- Shaft Integral Lobes— SG Iron / SS304/SS316.
- Casing - CI FG360 / SS304 /SS316.
- Gear - Spur type En353
- Turned Parts - En 8
- Accessories -
M.S Fabricated & Epoxy painted/Powder Coated.

These blowers are used for various Industrial Applications in almost all industries

- ◆ Aeration in Water Treatment.
- ◆ Pneumatic Conveying.
- ◆ Sulphitation in sugar Plant.
- ◆ Silo fluidization.
- ◆ Slurry Agitation.
- ◆ Snow Drying.
- ◆ Gas Booster.
- ◆ Vacuum Cleaning system.
- ◆ Air Knife.

CENTRIFUGAL BLOWER

We Design And Manufacture All Types Of Industrial Centrifugal Blowers From 100 M3/Hr. To 300000 M3/Hr. with Pressure range from 50 MMWG to 1500 MMWG.

- ID, FD Fans.
- DG Tower Blowers.
- Axial Flow Fans.
- Tube Axial Fans.
- Ventilation Fans.
- Exhausters and Man Coolers.



Material Of Construction

- ◆ MS, SS304,SS316
- ◆ PP-FRP
- ◆ FRP

Coated with-

- ◆ Epoxy Paint.
- ◆ Heat Resistant Paint.
- ◆ Special Coats.

Internal lining of Rubber /FRP/ PU/Special Coat as required.

Supplied With Std. Accessories – Damper, Base Frame ,Foundation Bolts.

Centrifugal blowers are widely used in almost every Industry for various Applications -

- ◆ Industrial Boilers.
- ◆ Industrial Furnace.
- ◆ Air Conditioning .
- ◆ Ventilation systems.
- ◆ Fume Extraction Plants.
- ◆ Chemical Processing Plants.
- ◆ Sugar Plants.
- ◆ Dairy Refrigeration Plants.
- ◆ Cement Factories.
- ◆ Pneumatic Conveying.
- ◆ Spray Drying Plants.
- ◆ Water Treatment Plants.
- ◆ Chlorine Absorption Plant.
- ◆ Clean Room Applications.

AFTER COOLER HEAT EXCHANGER

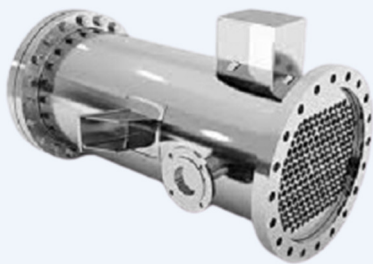
Air at the outlet of Blower /compressor comes out at elevated Temp. due to adiabatic compression. This hot air is harmful in certain applications like -

- ◆ In case of STP/ETP to bacteria in digester tanks.
- ◆ In pneumatic conveying of material like cement, plastic, sugar etc.
- ◆ Bacteria in distillery tank during aeration.
- ◆ Agitation And oxidation in pharmaceuticals.

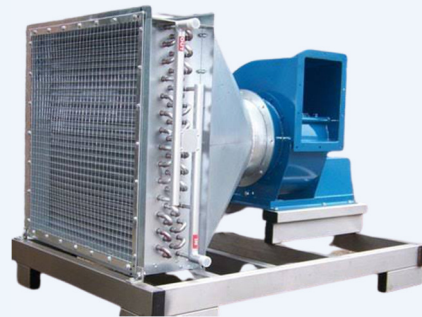
Hot air is required to be cooled at normal atmospheric or desired temp. by AFTER COOLER before further utilization.

After cooler is heat exchanger device where water is used as cooling media to cool the gas flowing. We design and mfg. above type of After coolers for various applications with wide temp. ranges. Choice of MOC depends upon operational parameters.

◆ Shell And Tube



◆ Fin Type



ACOUSTIC HOOD

We design and mfg. Industrial Acoustic Hood /Soundproof Canopy for Air Blowers and other Equipment.

- ◆ Noise reduction 15-20 % OR 15-20 dBA
- ◆ Maintenance friendly Modular construction design
- ◆ Equipped with Exhaust Fans to maintain inside temp.
- ◆ Highly Efficient sound absorbing media.
- ◆ Monitoring Devices on external mounting.

Can be installed in shed free open atmosphere.

