

Centrifugal Fans Blowers

Centrifugal Blower / Industrial Blower (Low Pressure)

Description

TECHFLOW has developed a series of fans for almost all the industrial requirements. Centrifugal Blowers also known as Industrial Blowers designed and supplied by TECHFLOW are highly efficient, proven, reliable & sturdy. TECHFLOW is master in designing and manufacturing customized fans like Multi Vapor Recompression Fan (MVR Fan), Water Jacketed Fan, Special Bearing Cooling Arrangements for High Temperature fans.

These are categorized by their pressure generation capacities & Drive types.

Centrifugal Blower / Industrial Blowers can be considered as the heart of any processing industry. It is known as many type like ID Fan, FD Fan, Industrial Blower, Industrial Air Blower, High Pressure Fan, Hot Air Circulation fan, Bag Filter Blower, Dust Collector Blower, Blower, Pneumatic Conveying Fan.

Features

- ♦ Air flow (capacity) range : 100 CMH to 700000 CMH
- ♦ Static Pressure Range : 10 mm WC to 150 mm WC
- ♦ RPM variation : 300 to 2500
- ♦ Motor Kw : up to 400
- ♦ Material Of Construction : Mild Steel, Stainless Steel

Options

- ♦ Radial Blade / Radial Tipped
- ♦ Backward Curved / Backward Inclined
- ♦ Airfoil Blades

Applications

- ♦ Centrifugal Blower
- ♦ Boiler ID Fan
- ♦ ID blower
- ♦ Combustion blower for furnace
- ♦ Combustion blower for cupola furnace
- ♦ Combustion blower for rolling mill
- ♦ Centrifugal Blower for dust collector
- ♦ Centrifugal Blower for Bag Filter

- ◆ Suction blower
- ◆ High Pressure Blower
- ◆ Low Pressure Blower

- ◆ Exhaust Blower
- ◆ SISW Fan
- ◆ SISW Blower
- ◆ DIDW Fan
- ◆ DIDW Blower
- ◆ FD Fan
- ◆ FD Blower
- ◆ Forced Draft Blower
- ◆ Induced Draft Blower
- ◆ Back Ward Curved Blower
- ◆ Medium Pressure blower

- ◆ Airfoil Blower
- ◆ Radial Blower
- ◆ Hot air circulator blower
- ◆ plug fan
- ◆ Plug Blower
- ◆ Multi Vapor Recompression Fan (MVR Blower)
- ◆ Customized Blower
- ◆ Blowers For Dryer
- ◆ Pneumatic Conveying Blower
- ◆ Water Jacketed Bearing Block

Centrifugal Blower / Industrial Blower (Medium Pressure)

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Centrifugal Blower / Industrial Blower (Medium Pressure)

Typically generating static pressures under 500 mmWG, these type of air movers are mainly used for extraction & aspiration duties where moderate volume/ moderate pressure conditions are required. The impeller or wheel are typically backward inclined or radial, has comparatively medium static efficiencies & have medium inlet & outlets to allow for medium volume throughputs.

Features

- ♦ Air flow (capacity) range : 200CMH to 500000 CMH
- ♦ Static Pressure Range : 150 mm WC to 600 mm WC
- ♦ RPM variation : 700 to 3000
- ♦ Motor Kw : up to 600
- ♦ Material Of Construction : Mild Steel, Stainless Steel

Options

- ♦ Radial Blade / Radial Tipped
- ♦ Backward Curved / Backward Inclined
- ♦ Airfoil Blades

Centrifugal Blower (High Pressure)

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These are categorized by their pressure generation capacities & Drive types.

Centrifugal Blower / Industrial Blowers can be considered as the heart of any processing industry. It is known as many type like ID Fan, FD Fan, Industrial Blower, Industrial Air Blower, High Pressure Fan, Hot Air Circulation fan, Bag Filter Blower, Dust Collector Blower, Blower, Pneumatic Conveying Fan.

Centrifugal Blower / Industrial Blower (High Pressure)

Typically generating static pressures above 500 mmWG, these type of air movers are mainly used for blowing duties where low volume/ high pressure conditions are required. The impeller or wheel are typically radial or forward tipped, has comparatively lower static efficiencies & have smaller inlet & outlets to allow for lower volume throughputs.

Features

- ✦ Air flow (capacity) range : 100 CMH to 300000 CMH
- ✦ Static Pressure Range : 600 mm WC to 1500 mm WC
- ✦ RPM variation : 700 to 3000
- ✦ Motor Kw : up to 600
- ✦ Material Of Construction : Mild Steel, Stainless Steel

Options

- ✦ Suction blower
- ✦ High Pressure Blower
- ✦ Exhaust Blower
- ✦ SISW Fan
- ✦ SISW Blower
- ✦ DIDW Fan
- ✦ DIDW Blower
- ✦ FD Fan
- ✦ FD Blower
- ✦ Forced Draft Blower
- ✦ Induced Draft Blower
- ✦ Back Ward Curved Blower
- ✦ Airfoil Blower
- ✦ Radial Blower
- ✦ Hot air circulator blower
- ✦ Plug Fan
- ✦ Plug Blower
- ✦ Multi Vapor Recompression Fan (MVR Blower)
- ✦ Customized Blower
- ✦ Blowers For Dryer
- ✦ Pneumatic Conveying Blower
- ✦ Water Jacketed Bearing Block
- ✦ Low Pressure Blower
- ✦ Medium Pressure blower

Applications

- ✦ Centrifugal Blower
- ✦ Combustion blower for cupola furnace
- ✦ Combustion blower for rolling mill
- ✦ ID blower

- ✦ Boiler ID Fan
- ✦ Centrifugal Blower for dust collector
- ✦ Centrifugal Blower for Bag Filter
- ✦ Airfoil Blades

- ◆ Combustion blower for furnace
- ◆ Radial Blade / Radial Tipped
- ◆ Backward Curved / Backward Inclined