



STAR BALANCING

A UNIT OF ROHIT DESAI GROUP
BALANCING THE WORLD WITH CONFIDENCE.....

Specialty In:

On Site Dynamic Balancing
In-Shop Dynamic Balancing
Vibration Analysis
AMC For Condition Monitoring
Blowers & Manufacturing & Repairs

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MANUFACTURING & REPAIRING OF INDUSTRIAL BLOWER & Filters

- **Centrifugal Air Handling Fans**
- **D.I.D.W Blower(Double Inlet Double Width)**
- **S.I.S.W. Blower (Single Inlet Single Width)**
- **High Pressure Blowers**
- **Axial Flow Blower**
- **Centrifugal Blowers**
- **Cyclone Dust Collectors**
- **Air Blower**
- **Low Pressure Blowers**
- **Medium Pressure Blower**
- **Medium Pressure Blowers**
- **High Pressure Blowers**
- **Aluminum Impeller**
- **G. I. Impeller**
- **Single Inlet Impeller**
- **Double Inlet Impeller**
- **Pre Filters Duct able Unit**
- **Pre Filter**
- **Fine Filter**
- **Blower Fan/Impeller**
- **Oven Impeller**
- **ID Fan**
- **FD Fan**
- **SA Fan**
- **Ducting**

CENTRIFUGAL AIR HANDLING FANS



Single and Double Width
Sizes up to 1200 mm wheel diameter
Capacity up to 500000 m³/hr
Pressure up to 1200 mm wg



Aeration of waste water, Molten iron and other fluids
Central vacuum cleaning systems
gas boosting combustion Single Stage Pressure
Blowers

D.I.D.W BLOWER (DOUBLE INLET DOUBLE WIDTH)



Application: For clean Air, Fumes, Moisture, Ventilation Systems.

These fans provide the highest available efficiency, Lowest HP and lowest sound levels.



TECHNICAL FEATURES

Volume: 2,50,000 – 5,00,000 m³/hr

Pressure: 30-200 mm wg

S.I.S.W BLOWER (SINGLE INLET SINGLE WIDTH)



Application: These fans are ideal for variable air volume system. Fans are of rugged welded Construction with over – sized shafts & bearings to assure long life.



TECHNICAL FEATURES

Volume: 2,50,000 – 5,00,000 m³/hr

Pressure: 30-200 mm wg

HIGH PRESSURE BLOWERS

Application: Pressure blowers provide air for Burners, Furnaces, High Pressure process applications, Water treatment plants, Dairy, Ceramic plants, Textile plants and many Conveying system. Available in different arrangements and 8 discharges position to meet your needs and specifications.

TECHNICAL FEATURES

Volume: 3,00 – 5,00 m³/hr

Pressure : 100 -1200 mm WG



AXIAL FLOW BLOWER



Axial flow fan our clients can avail from us the complete range of Axial Flow fans (Duct Mounting) which are in huge Demand across the national and international markets. These are ideally used in providing basic ventilation, Fumes exhaust and elimination of hot spots and can also be used as a roof extractor and bifurcated fan. Our range of axial fans is purposefully manufactured for all the applications and mounting positions in different sizes, This fans are construction sturdily using M.S. Cylindrical Cast Aluminum alloy impeller dully statically and Dynamically balanced

Application:

Air Ventilation, Air Cooling, Air humidification

Our Range is available in:

Size 100 mm to 1800 mm

Capacity : 1000 CMH to 45000 CMH

Static Pressure: 15 mm WG to 150 mm WG

Specification:

Axial Flow Fans .

Ventilation.

Air Conditioning.

Industrial Process Systems.

Crop Drying.

Mines. Ships. Efficiency and economy.

Space saving Adjustable impellers

High operational temp. Long life.

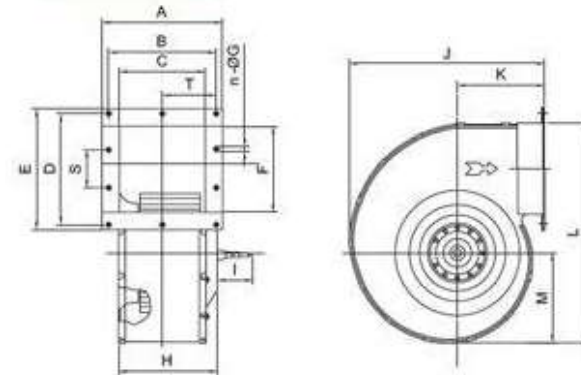


CENTRIFUGAL BLOWERS (SINGLE INLET BLOWER)

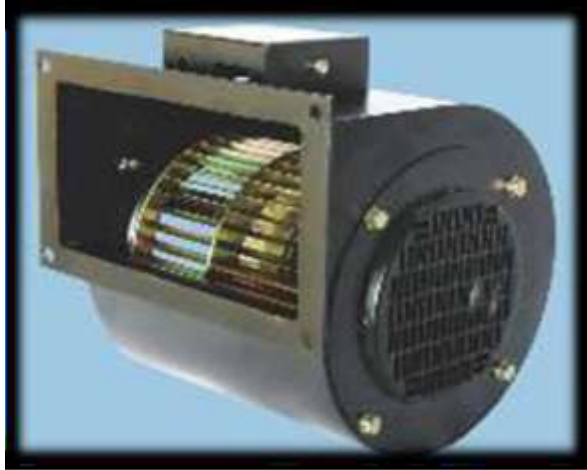


Dimensions of Single Inlet Blower
Technical Data Single Inlet

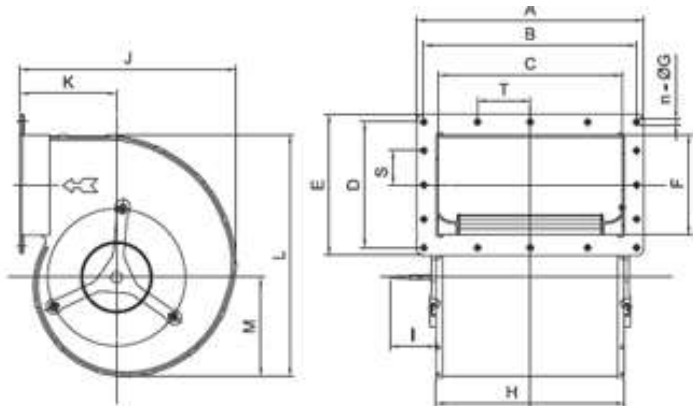
MODEL	A	B	C	D	E	F	G	H	J	K	L
SI23/133- ^{AA} /S1	133	48	60	75	100	110	80	90	62	192	190
SI**/140- ^{AA} /S2	140	60	80	75	120	115	100	95	83	190	195
SI**/160- ^{AA} /S3	160	60	80	90	120	130	100	108	83	234	249
SI**/180- ^{AA} /K4	180	75	95	110	138	150	115	128	98	260	270
SI**/240- ^{AA} /K4	240	100	140	146	196	200	176	180	143	337	350



CENTRIFUGAL BLOWER (Double Inlet Blower)



Technical Data Double Inlet



Dimensions of Double Inlet Blower

MODEL	A	B	C	D	E	F	G	H	J	K	L
DI**/133X120- ^{AA} /S2	133	120	168	102	206	142	190	126	168	213	204
DI**/133X180- ^{AA} /S3	133	180	215	68	254	110	238	92	215	187	188
DI23/146X180-14/S3	146	180	232	102	270	142	254	126	232	219	215
DI**/146X180-28/S6	146	180	232	88	266	120	251	105	232	236	226
DI23/160X150-14/S3	160	150	202	105	240	145	220	125	202	223	227
DI**/160X150-28/S8	160	150	202	105	240	145	220	125	202	223	227
DI**/180X180-14/K4	180	180	230	100	240	145	255	130	230	267	257
DI**/180X210-14/K4	180	210	260	135	310	180	As shown separately		260	280	300
DI44/225X225-14/M5	225	225	287	146	341	200			287	370	327
DI**/250X250- ^{AA} /M7	250	250	298	167	349	218			298	392	387

IMPELLER FAN

We are manufacture & supplier of wide range of Impeller fan to our client with best quality. These products are available in best reasonable price in the market.



OVEN IMPELLER

OVEN IMPELLER M.O.C.:SS

Centrifugal Impeller made S.S.304 quality for running of impeller at higher temperature.

Perfect Finish

Smooth Running

Less power consumption because of designed by highly experienced engineers

Highly efficient

Almost Noiseless & Vibration less

Seamless finish, High strength ,Durable nature



FURNACE RC FAN



We are manufacture furnace RC Fan in Material SS 304,SS 316 & SS 310 with best Material & best quality.

Specification:

**Good Quality of Material
Finishing**

Noiseless & Smooth Running

CENTRIFUGAL FANS

We manufacture a comprehensive array of industrial fans that include **Centrifugal Fans (ID, FD, SA Fan)**. Our centrifugal fans are extensively used in Pollution control, Cement, food processing, Chemical, Pharmaceutical plants and many others.

We make our centrifugal fans in different specifications in order to cater the broad demands of the customers. Our industrial fans are reckoned for the features like light weight, high surface strength and low power consumption. We make our all centrifugal fans as per the industry set quality standards.

ID FAN



FD FAN



SA FAN



DUCTING

We are leading manufacture and supplier of Factory Fabricated Ducts, Ventilation Duct, Round Duct etc.

We are Manufacture ducts in various sizes and capacities with quality Material.

We have expertise of design ,manufacturing, supply and erection of duct in various industries.

Ducting Types

- GI Ducts
- SS Ducts
- Aluminum Ducts
- Rectangle Ducts
- Round Ducts



CYCLONE DUST COLLECTORS

We are leading manufacturers and suppliers of diverse range of cyclone Dust Collectors. These products are used for separating dust and other impurities from air or gas for industrial or commercial purpose.

Our entire range of products work on the following principle:
Dust enters the collector and gets separated by centrifugal force and spiral motion.

Gas moves downwards into the hopper and moves upwards to the outlet forming an inner vortex.

With this upward movement of gas against gravity, most of the dust particles are separated and fall into the conical hopper

Applications:

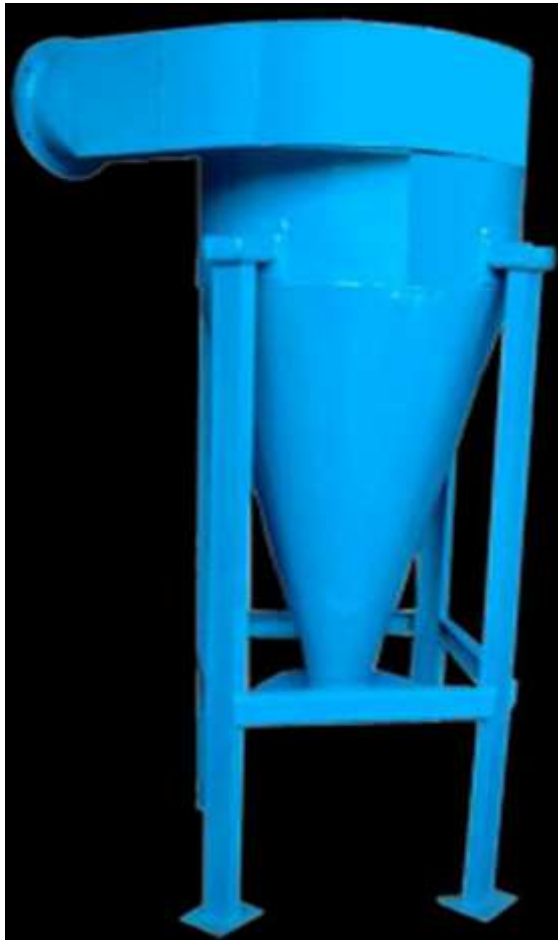
Pharmaceutical industries

Pneumatic conveying system

Pulverizing system

Flour mills Cement industries

Wood working process



AIR BLOWER

Our Air Blowers are designed to meet industry need for high efficiency, Iron able Free Operation. We are manufacturer and supplier of air blowers and centrifugal air blowers. The capacity of our centrifugal blower is up to 60,000 CFM and pressure range is up to 1200 mm WG. Our Air blowers and centrifugal air blowers are available in single stage.



Features:

- High efficiency
- More are with less H.P.
- Motor drive/ Belt Drive
- Any discharge position
- Smooth running low vibration/lose noise
- Levels Non-overloading type
- Easy operation/Easy maintenance
- Available in special material suitable for special operations

Robust, welded, sheets/plates reinforced with angle iron frame. Suction side is provided with wire gauge to meet all relevant safety Standards. These blowers can be supplied with any type of outlet direction/orientation as per specific customer requirement.

Volume: 100 C.F.M. to 60000C.F.M.

Pressure: 70 mm to 1200 mm WG

Drive Type: Direct/Belt

SINGLE INLET IMPELLER



Aluminum Impeller: Aluminum Single Inlet Impeller offered by us are available in standard as well as custom ordered configuration. These are made of special aluminum alloy casting and are designed to provide uniform airflow and maximum efficiency. Our modern designs also focus on minimum power consumption and machine durability. The aluminum castings offered by us are at par with international quality standards yet very economical.



GI Impeller: We offer our clients with a quality range of External Rotor Inlet Impeller (G.I.) that is available as double inlet impeller, Single inlet impellers and shaft assembly that is mainly an import substitution Manufactured after developing from the site, these are incorporated with liner plates which enhance the durability.

DOUBLE INLET IMPELLER (DIDW)



Star Balancing are one of the well –known manufacturers of Aluminum Double Inlet Impeller (DIDW). These are crafted in accordance with the dimensions and details provided by our clients. Our products are fabricated using state of the art machines and thus are produced in a cost effective manner.



Dimension Available:

Double Inlet

DIA – 4” to 12” HT – 2” to 12”

PRE FILTERS DUCTABLE UNIT

Pre Filters Duct able units are manufactured from high density polyethylene mesh which has excellent washable properties as compared to other filter media. Since this filter encounters maximum dust loading, such washable Property ensures longer service life of the filter. These filters can be offered in non woven synthetic media and can be supplied either in flange type or box (cassette) type construction. The filter can be supplied in MS, Aluminum or stainless steel frames

Application:

Heating, Ventilation & Air Conditioning
Thermal power plants, Nuclear power plants, research organization & nuclear installations.

Pharmaceutical industry clean rooms
computer installations IC Manufacture
Aerospace applications.



PRE FILTER

Keeping track of the latest market development, we are introducing a wide range of Pre Filter. Offered in varied sizes and specifications as per the application requirements of our clients, this filter is manufactured using superior quality raw material and employing contemporary technology. In addition, our quality examiner conducts a series of test on this range in order to eradicate any kind of defect in it.



Features:

High dust holding capacity

Low Maintenance

Durability

Application:

Pre filters are most suited for: Air Handling units (AHU), air-conditioning system, power plants, chemical and fertilizer complexes, greenhouses, automatic drain holes, paint shops, textile mills, cement factories, laminar air flow units, biosafety hoods, fan filter units (FFU), gas turbine industry, compressor, diesel engines, nuclear power station, cd-rom. Production industry, picture tube production industry, semi-conductor industry, aeronautical Industry.