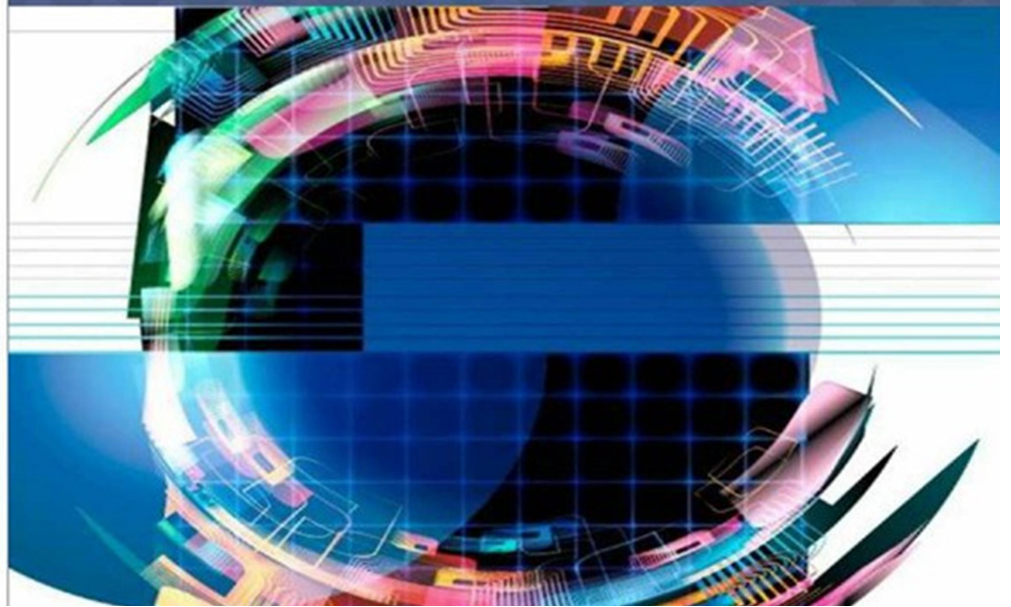


**DESIGNED FOR
EFFICIENCY**



WE BRING AIR TO LIFE

ABBOTT AIR SYSTEMS



Damair Tube Axial Flow Fan - AFMC

- Air Capacity: Up to 360,000 CMH / 300 PA
- Sizes: 315 -2000 mm diameter with six, seven and twelve blades of impeller
- Cast Airfoil aluminum wheel — non sparking construction
- Fans with inlet & outlet cones and with guide vanes.
- Fire rated: 400 °C/3hrs, 300°C/2hrs, 250°C/2 hrs
- Application: General ventilation, Basement Exhaust,
- Tunnel ventilation, Car parking ventilation, smoke extraction, lift pressurization
- Belt driven axial fans.
- Long case tube axial fan.
- Smoke spill and smoke exhaust fan.



Damair Induced Draft Fans & Forced Draft Fans - IDR & FDR

- Air capacity: 2000-2,26,800 m³/hr single fan
- Static pressure: adequate for resistance
- Variable discharge orientations
- Different drive arrangement
- Fan impellers can be supplied with hard face deposit on blades to increase the file
- Fan Pull Out The Air With Dust Particles And Provide Secondary Air through Chimneys. Main Purpose Of These Fans To Improve The efficiency of Oil/Gas And Other Used For Firing Boilers & Other Applications.



Damair High Pressure Blower- Type 'P' & HPRB

- Air Capacity: up to 25,500 m³/hr
- Static pressure: up to 2200 mm water column
- Primary & secondary Air Generation
- Fans can be supplied in single stage —or twin stage configuration with direct drive, V - Belt or coupling drive arrangement
- Applications: Pneumatic Conveyors wherever low volume and high pressure is required, suitable for burner and boilers



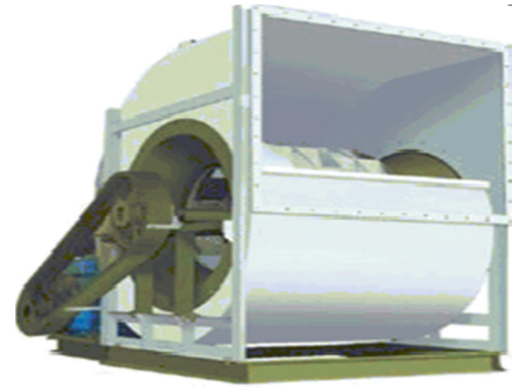
Damair Single Inlet, Single Width Blowers- SISW

- Air capacity: 800-850,000 m³/hr single fan
- Static pressure: 6-300mm water column
- Variable discharge orientation
- Backward curved impeller blades
- Fans are ductable and maintain pressure impeller are statically And dynamically balanced according to class Q6.3 VDI 206/ Gr. ISO1940
- Applications: General Ventilation,



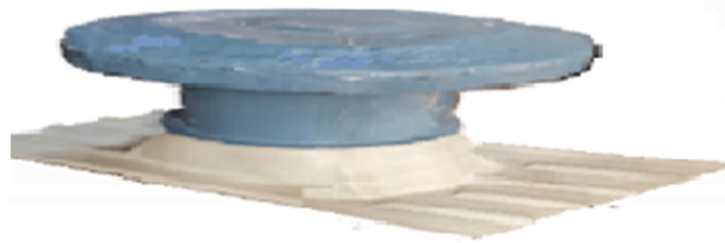
Damair Double Inlet, Double Width Blower- DIDW

- Air Capacity: 1600-850,000 m³/hr single fan
- Static pressure: 6- 300 mm water column
Size: 300 -2700 mm
- Variable discharge orientation
- Backward curved impeller blades
- Impeller are statically and dynamically balanced according to class Q 6.3 VDI 206/Gr. ISO 1940
- Applications: General Ventilation, Air Cooling
- High efficiency and low noise



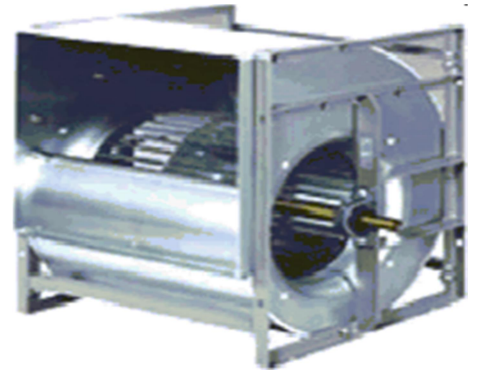
Damair DAR Series-Direct Driven Roof Extractor

- Sizes:400-1000mm
- Capacity up to 36000 CFM
- Static Pressure up to 500PA
- Easy installation and Aerofoil Blades
Light Weight



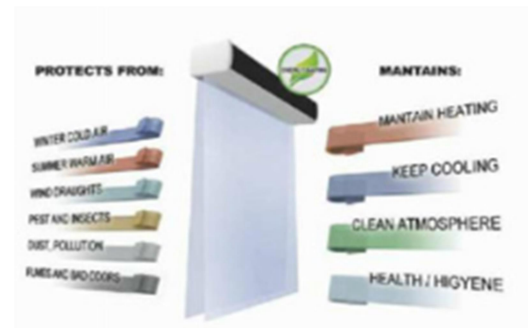
Damair Forward Curved Blowers - FCA

- Air Capacity: up to 150,000 m³/hr single fan
- Sizes: 225 - 1400 mm impeller diameters
- Fans are equipped with double inlet and belt drive arrangement multiple fans can be driven through motor
- Application: Central Air — conditioning, Air Cooling
- High Efficiency and low noise.



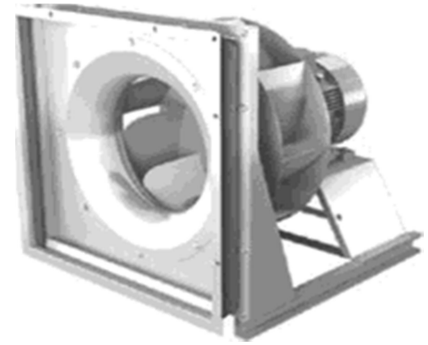
Damair Air Curtains - DAC

- Sizes 900 mm, 1000 mm, 1200 mm, 1500 mm, 1800 mm and 2400 mm
- Variable air velocity to seal total height of doors or opening with an air barrier
- Application: to prevent Insects, smell and dust to enter inside buildings.
- Used in Hospitals, Restaurants, Factories, Hotels, Gym centers and such place



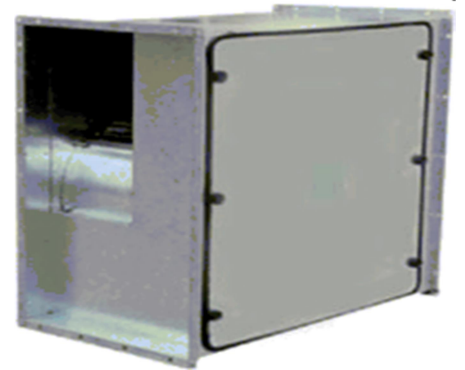
Damair DBA Series- SISW Plenum Fan

- Size From 315 to 1600 mm
- Capacity up to 204,000 m³/hr
- Pressure up to 3000 Pa
- Use in Clean Room, AHUS, Air Washers.
- Available in Belt Driven and Direct Driven arrangement



Damair SIL Series - SISW Direct Driven

- Size - 200 to 450 mm
- Capacity up to 4000 m³/hr
- Static Pressure up to 650 Pa
- Low noise level and easy installation and Aerofoil Blades



Damair DIL Series - DIDW Direct/ Belt Driven

- Size - 150 to 600 mm
- Capacity up to 18000 m³/hr
- Static Pressure up to 500 Pa
- Light weight , Low noise level, Easy installation and Aerofoil Blades



Damair Inline Fans

- Capacity: 60 CFM to 4150 CFM
- Static Head: Up to 25 mm WG
- Installations : vertical or horizontal.
- We call it the actual booster fans. To enhance the velocity to suck the air from close chamber, we suggest to install these suitable inline fans. We offer various designs to suit your site requirements.
- Special inline fan can be designed on request



Damair Man Coolers Pedestal, Tubular & Wall Mounted

- Sizes: 450 - 1000 mm impeller diameters
- Available as — Pedestal, wall mounted & tubular fans
- Powerful air blast blowing out at longer distance than other fans high volume air flow inside workshops
- Helps especially in summer to avoid sweating and thereby increases workers performance



Damair Dust Collector Pulse Cleaner, Reverse Jet Cleaner - DCRP & DC

- High Volume Dust Collection System
- Continuous cleaning of dust separation media
- No Choking of filter system
- Dust collection at bottom of bags through full length travelling air jets
- Multi layer media volume: 1-60a Kg of dust per hour

ADDITIONAL DUST COLLECTOR DEVICES:

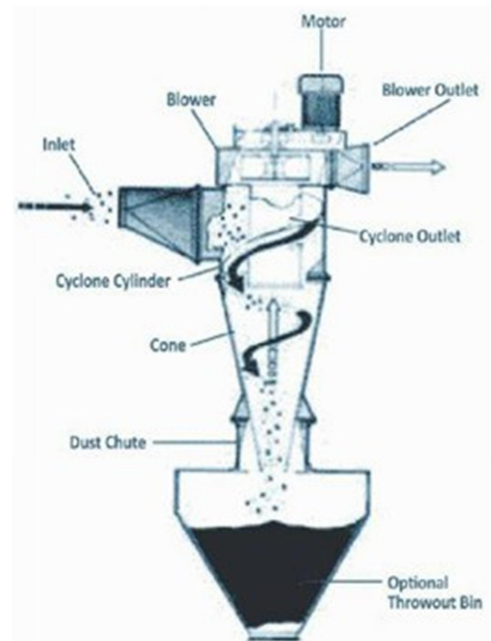
- Multi Cyclones
- Cyclones
- wet Scrubbers
- Absolute Filters
- Baffle
- Wood Dust collector



Damair Fume Exhaust System

Rising levels of air pollution are invariably affecting pace and peace of life. Our saying : "The country needs a good climate" means that we

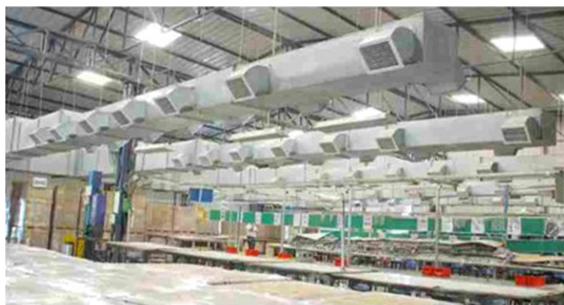
should start to create optimal breathing conditions in our own place. Suitable systems to exhaust polluted air and treat fumes/dust/ smoke & SPM before release



- Air Capacity : 204000 m3/hr single unit.
- Equipped for central air cooling system installation.
- Connection to GI ducts for even distribution of cool and clean air over a wide area.
- Multiple blowers to increase air capacity.
- Modular construction of high air capacity air washer for easy relocation and reuse.
- Efficient reduction of humidity through evaporation of water by cellulose based corrugated paper pads with large surface areas and eliminators in small units.
- Double stage air washer are also available.
- Application: Green houses, Food Industries, Residential cooling, Poultry farms, Offices, Industrial sheds, kitchens, and generator rooms.



Double air washer



Assembly Shop



Air cooling of welding shop with fumes Exhaust



Air Cooler With Ducting



Double Stage Air washer

- Air washers are manufactured in a factory having all manufacturing facility in house
- Prime quality steel is used in manufacturing
- Experience of 20 years is pumped into the products manufactured
- We are largest manufacture of air - handling equipments in India
- we have biggest dynamical machines
- Largest capacity of testing blowers and air washers In house
- Machines are modular in construction and can be relocated by reassembling
- Largest number of air washers exported to various countries

Damair Propeller Exhaust Fan-PAWC

- Size-900mm to 1250mm dia
 - Type round & rectangular shape
- Application: The fans have low noise level and are installed For exhaust and also use for air cooling in shed



Damair Air Scrubber(Dry)-SCD/ Air Scrubber(Wet)-SCW

- As Damair Make High Quality Kitchen
 - Scrubber That Can Be Installed With Duct
 - Air Capacity – Upto 265000 CMH Single Unit
 - Static Head -20mm To 400mm Wc
 - Available – It Has Wo Type for Suitable Requirement
1. Dry Type- The Unit Consist Of Size To Maintain Velocity And Having ESP Type Filtration To Filter The Kitchen Smoke Out.
2. Wet Scrubber-The Unit Consist Or Spray Bank Chamber With Complete Washing Arrangement Of Fumes Sucked From Kitchen It Can Handle Hazardous Fumes Also Related To Industrial And Acidic Oil Base Type



Damair AHU (Air Handling Unit) - DAHU

- Air Capacity – Upto 104000 CMH Single Unit
- Varies With Tonnage Capacity.
- Static Pressure - 15mm Wc To 150mm Wc
- Application:-Hotels, GYM, Banquet Halls, Restaurant, Shops Etc.

Construction-PUF Injected Panels With Heavy Duty Construction, Aluminum Section Framing, Suitable Velocities Are Maintained.



Damair Plug Type Hot Air Circulation Fan

- As Damair Makes Plug Type Hot Air Circulation Fan For Heating Chambers
- Air Capacity –Upto 150000 CMH Single Unit.
- Static Pressure-20mm Wc To 400mm Wc

Temperature Resistance-50 Deg To 1100 Deg C
It Is Manufacture In Various Material Such As Normal Steel, SS304, SS308, SS310, SS316





Damair

COMPREHENSIVE AIR HANDLING

Products:

CENTRIFUGAL BLOWERS
RADIAL FANS
INDUCED DRAFT FANS
FORCED DRAFT FANS
AXIAL FLOW FANS
ROOF EXTRACTORS
MAN COOLERS
DUST COLLECTORS
AIR WASHERS
FRESH AIR UNITS
POLLUTION CONTROL
AIR CURTAINS
INLINE FANS
PROPELLER EXHAUST FAN
AHU
PLUG TYPE AIR CIRCULATION FAN
PLENUM FAN
AIR SCRUBBER (DRY & WET)
CABINET FAN
INDUSTRIAL COOLER WITH DUCT
DUCT

***“The
Country
Needs
A
Good
Climate”***

Projects:

VENTILATION
EXHAUST SYSTEM
PRESSURISATION
AIR COOLING
CONVEYING SYSTEM
**DUST COLLECTION
SYSTEM**

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