

**DESIGNED FOR
EFFICIENCY**



WE BRING AIR TO LIFE

DAMAIR INDIA



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 Aerofoil 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

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

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

Single Inlet, Single Width Blowers – SISW

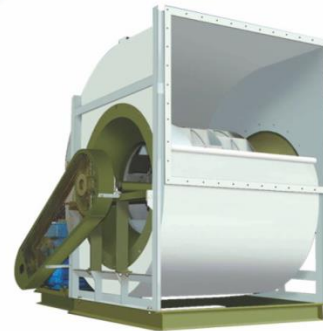
- Air Capacity: 800 – 850,000 m³/hr single fan
- Static pressure: 6 – 300 mm water column
- Variable discharge orientation
- Backward curved impeller blades
- Fans are ductable and maintain pressures Impeller are statically and dynamically balanced according to class Q 6.3 VDI 206 / Gr. ISO 1940
- Applications: General Ventilation,





Double Inlet, Double Width Blowers – 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



High Pressure Blowers – 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



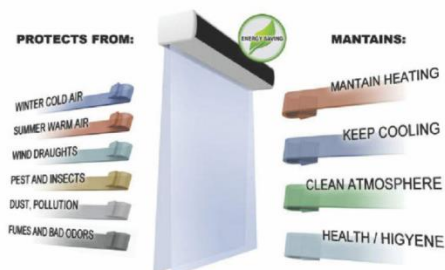
Induced Draft Fans & Forced Draft Fans – IDR & FDR

- Air Capacity: 2000 – 2,26,800 m³/hr single fan
- Static pressure: Adequate for resistance
- Variable discharge orientation
- Different drive arrangements
- Fan impellers can be supplied with hard face deposit on blades to increase the life.
- 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.



Air Curtains – DAC

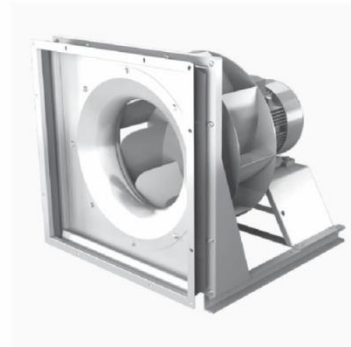
- Sizes 900 mm, 1000 mm, 1200 mm, 1500 mm, 1800 mm and 2400 mm
- Variable air velocity to seal total height of doors or opening with an air barrier
- Application: to prevent insects, smell and dust to enter inside buildings.
- Used in Hospitals, Restaurants, Factories, Hotels, Gym Centers and such places.



Damair

DBA Series – SISW Plenum Fan

- Size From 315 to 1600 mm
- Capacity up to 204,000 m³ /hrs
- 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 /hrs
- 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 /hrs
- Static Pressure up to 500 Pa
- Light weight , Low noise level, Easy installation and Aerofoil Blades



Damair

Mixed Flow Fan Direct Driven

- Size – 8",12", 16" and 20"
- Capacity up to 1500 m³ /hrs
- Manufactured out of plastic mould and Aerofoil Blades
- Low noise level and easy installation



Damair

APM Series – Wall Mounted Propeller Fan

- Suitable for wall or panel mounting
- Size from 100 to 400 mm
- Capacity up to 280 to 3000 m³/hr
- Easy mounting and compact design



Damair

Jet Fans

- Size - 315 & 400 mm dia
- Air performance up to 7080 m³/hr
- Single Speed and dual speed option
- Performance assured by CFD analysis
- Fire rated for 250°C / 2 hrs in accordance with BS EN 12101-3:2002



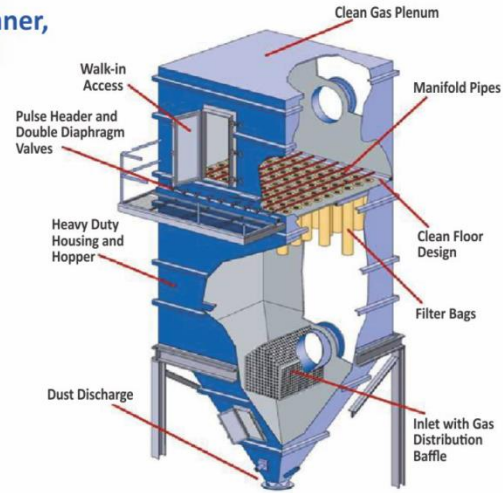
Damair

Dust Collector, Reverse 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: 1-600 Kg of dust per hour

ADDITIONAL DUST COLLECTOR DEVICES:

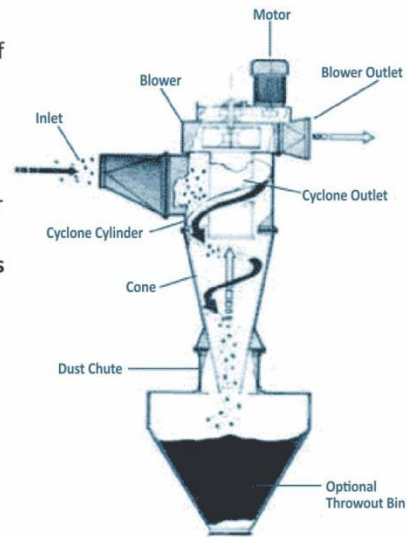
- Multi Cyclones
- Cyclones
- Wet Scrubbers
- Absolute Filters
- Baffled chambers etc.



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



Damair

Air Washers, Air Scrubber, Propeller Exhaust Fans - PAWC

- 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 airwasher are also available.
- Application: Green houses, Food Industries, Residential cooling, Poultry farms, Offices, Industrial sheds, kitchens, and generator rooms.



Double Skin Air washer



Propeller Exhaust Fan



Air cooling of welding shop
with fumes exhaust



Assembly Shop



Double Stage Airwasher

Damair

Benefits of Air Washers

- 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 airwashers exported to various countries

Damair Sound Attenuators

- Size – 315 mm dia to 2000 mm dia
- Type round & rectangular shape

Application : Reduce noise level and installed on both side of fan



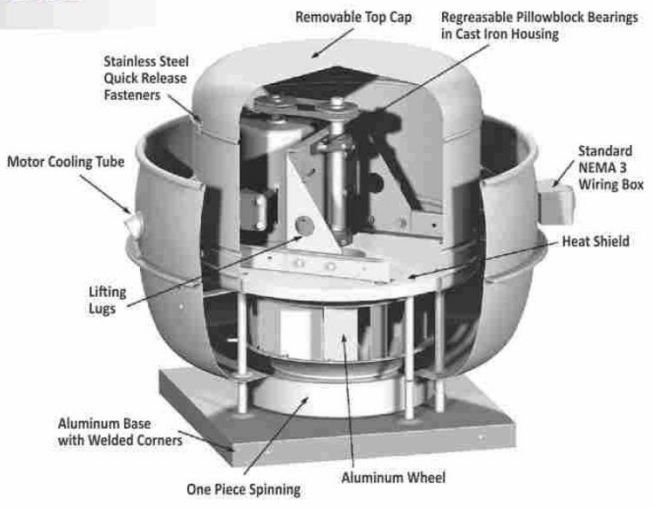
Damair Man Coolers Pedestal, Tubular & Wall Mounted

- 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 DAR Series – Direct Driven Roof Extractor

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





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
MIXED FLOW FAN
JET FANS
PROPELLER FANS

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

Projects:

VENTILATION
EXHAUST
PRESSURISATION
AIR COOLING
CONVEYING
DUST PROOFING

Manufactured by :

DAMAIR INDIA

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Ballabgarh -121004, Haryana, (INDIA)

Marketed in India by :

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