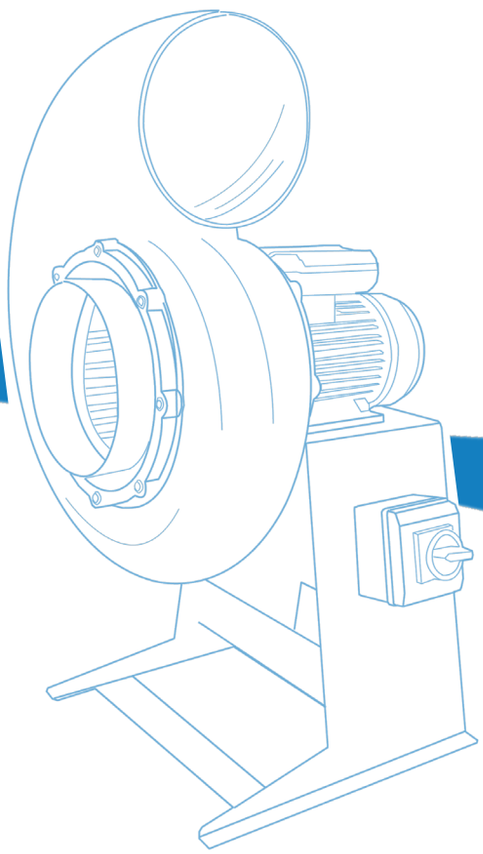
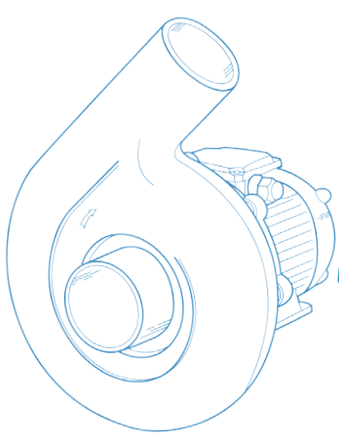
AXAIR
FANS UK LIMITED
www.axair-fans.co.uk

Corrosion Resistant Polypropylene Fans

Laboratory & Industrial Fume Extraction

2016 Short Form Edition





Corrosion Resistant Polypropylene Fans From Axair Fans UK

Application Knowledge
- 20 years of experience in general air movement; including corrosive, explosive & hot fume handling.

Plastic Range: Corrosion Resistant
- 10 basic sizes of fan with single piece moulded, high density polypropylene casing.
- Industry standard round spigot sizes.
- Compact design, easy assembly & direct driven motors.

Stock Facility
- Vast selection of fans, fan components, general accessories & controllers.

Customised Build
- Fans assembled to order from stock components to create the perfect mechanical & electrical solution for your fume extract installation.

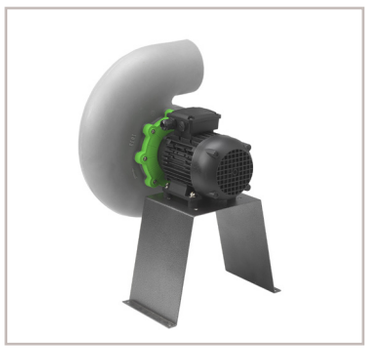
Customer Care
- Experience our customer service from enquiry through to delivery & after sales support.

Axair offers you a wide range of electrical options including:

- 230V or 115V single phase motor
- 230/400V three phase direct-on-line or inverter supplied motor
- 400/690V three phase star-delta connection in larger motor sizes
- Pre-wired electrical isolators
- Motor starters
- Inverter drives
- Fume cupboard alarms
- ATEX motors

Axair offers you a wide range of mechanical options including:

- Choice of handing
- Choice of standard weather pedestals
- Anti-vibration mountings
- Flexible connectors
- Flange pairs
- Duct transformations
- Manual dampers
- Drain hose connectors
- ATEX polypropylene / carbon fans



Polypropylene Fan Range

Axair 'S' Fan Range

Axair 'S' range of fans are designed to provide high air flow rates against medium system pressures. Typical applications include the extract of corrosive fume from laboratory fume cupboards and industrial process tanks.

Fan Model	Impeller Diameter	Air Inlet / Outer Spigot	Motor Speed	Supply
S15	150	125mm	2 or 4 pole	Single or Three-Phase
S20	200	160mm	2 or 4 pole	Single or Three-Phase
S25	250	200mm	2 or 4 pole	Single or Three-Phase
S30	300	250mm	4 pole	Single or Three-Phase
S35	350	315mm	4 pole	Single or Three-Phase
S50	775	600/500mm	4 pole	Three-Phase

Models available:
Choice of standard steel pedestal for indoor and sheltered installations or weather protecting polypropylene box pedestal.

Axair 'Storm' Fan Range

Axair 'Storm' range of fans are designed to provide a relatively low air flow rate against elevated system pressures. Typical applications include air filtration, local extraction arms, fume scrubbers and chemical stores.

Fan Model	Impeller Diameter	Air Inlet / Outer Spigot	Motor Speed	Supply
ST10	75	100mm	2 or 4 pole	Single or Three-Phase
ST12	90	120mm	2 or 4 pole	Single or Three-Phase
ST14	250	140mm	2 pole	Single or Three-Phase
ST16	300	160mm	2 pole	Single or Three-Phase

Models available:
Choice of standard steel pedestal for indoor and sheltered installations or weather protecting polypropylene box pedestal.

Accessories

Axair Fans offer a wide range of accessories including AVT mountings, flexible connectors, polypropylene flanges, adaptors, dampers, electrical isolators, airflow systems and fume cupboard controllers.

ATEX Semi-Conducting Polypropylene Fan

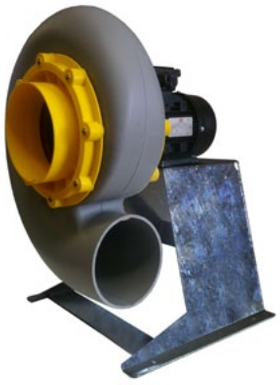
Corrosion resistant plastic; weather protected option.
ATEX category 3G, Zone 2, EEx nA or EEx d motor.

Axair SA centrifugal

Forward-curved impeller blades. Spigots 125 to 315.
Flow rates to 10,000m³/h. Pressures to 1500 pascals

Axair STA centrifugal

Forward-curved impeller blades. Spigots 75 to 160.
Flow rates to 1800m³/h. Pressures to 2000 pascals



New Pedestal

- Available in two sizes
- Improved design for stronger, stable assembly
- Recommended to use with anti-vibration mounts
- Galvanised steel construction

Stack Support

- One size fits all
- Made to support discharge stack
- Bolts straight onto new pedestal
- Galvanised steel construction

Wall Bracket

- Available in two sizes
- Composed of new pedestal with additional plate, suitable for wall mounting.
- Galvanised steel construction

Motor Weather Cowl

- Mounts straight onto new pedestal
- Also suitable for retro-fitting on existing installations
- Easy assembly
- Available in three sizes

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