Air Control Industries

ATEX Approved Fans

Air Control Industries (ACI) designs and supplies industrial fans, including centrifugal and radial bladed units, to all sectors of manufacturing and has become a trusted supplier to the offshore/onshore energy industry due to its early adherence to the ATEX Directive.

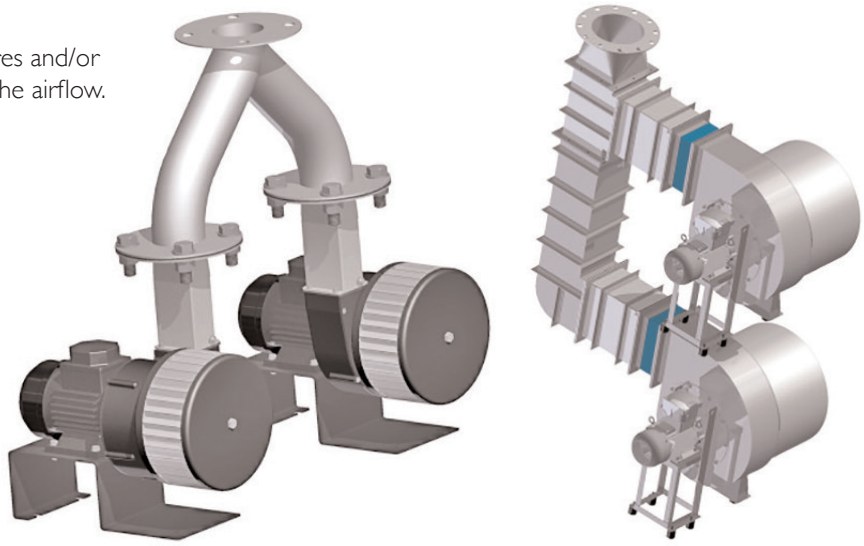
Since its UK introduction in 1996, the ATEX Directive has led ACI to focus on innovative and effective engineered solutions to an increasingly global customer base, and the company is now capable of supplying fans for explosive and corrosive environments.

Key Performance Figures:

- Flow rates - 50 to 30,000m^3/hr (29 to 17,650cfm)
- Pressures from 1 to 60In.Swg (2.5 to 150mBar)
- Increased Safety Motors (EExe)
- Flameproof Motors (EExd)
- Non-Sparking Motors (Ex N)
- Motors available to ATEX Directive equivalents in other countries

Consideration:

Materials available to suit corrosive atmospheres and/or aggressive substances that may be present in the airflow. Special paint finishes are also available.



Illustrations above show typical operating fan / valve / ducting arrangements available from ACI

www.aircontrolindustries.com

Air Control Industries

ATEX Approved Fans

ATEX II 2GDc T & II 3GDc T single inlet backward, radial or curved forward bladed centrifugal fans

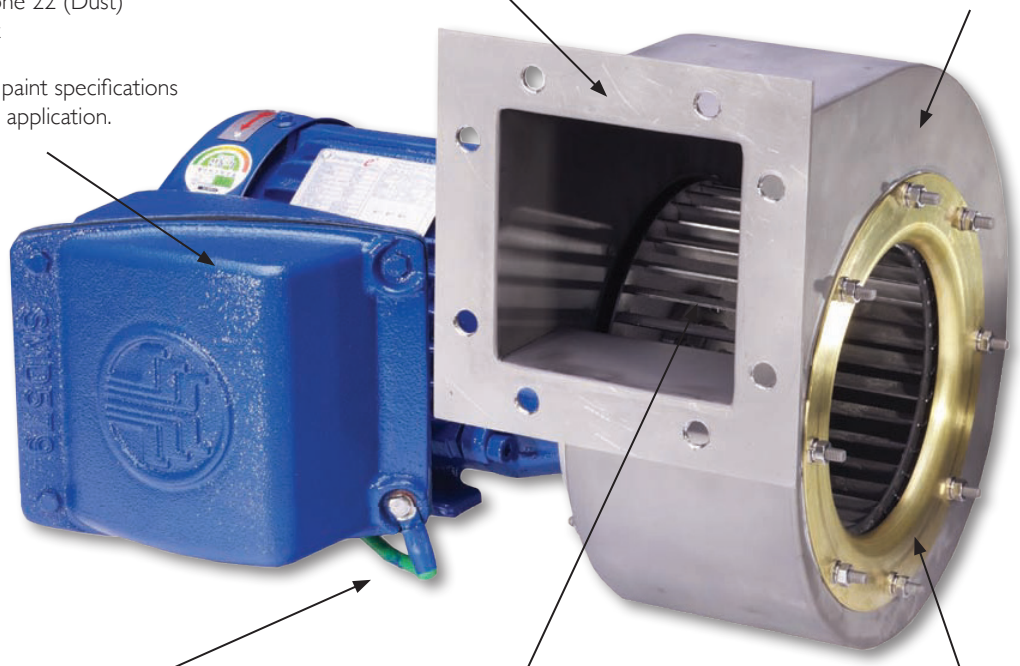
ACI ATEX fan features:

Motors
1Ph or 3Ph
EExd, EExde
EExn or EExna
Zone 1 or Zone 2 (Gas)
Zone 21 or Zone 22 (Dust)
Voltages to suit

Various special paint specifications available to suit application.

Discharges
With or without flanges for most fans. Spigots, flange adaptors, guards, gravity operated non return valves available.

Fancases
Aluminium, mild steel or stainless steel (304, 316). Powder coated, off-shore surface finishing, bare metal (St St options) or paintbond 550 (Aluminium options).

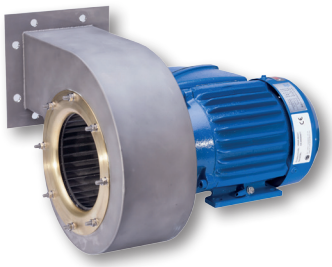


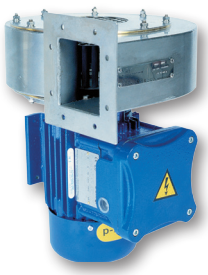
Feet / Pedestals
Motors available with or without feet. Motor pedestals also available in same material and finish options as fancase.

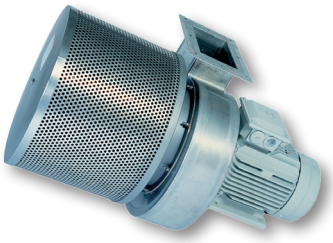
Impellers
Aluminium, galvanised steel or stainless steel (same material and finish options as fancase).

Inlets
Fitted with brass liners or inlet cones, depending on fan type supplied. Tappings or studs, flanges, spigots, ducts, bends, filters, and guard options are all available.

Contact ACI's highly experienced application engineers for all your ATEX air movement solutions.







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