

# ATEX Approved Fans



**Air Control Industries range of ATEX fans are designed to assist customers in meeting current hazardous area requirements.**

ACI has been producing industrial fans for group II equipment with gas & dust hazards for some time, and is now considered to be a leading supplier and manufacturer of ATEX rated fans.

#### **Key Performance Figures**

- Flow rates of 50 to 30,000m<sup>3</sup>/hr (29 to 17,650CFM)
- Pressures from 1 to 60In.Swg (2.5mBar to 150mBar)
- Increased Safety Motors (EEExe)
- Flameproof (EExd)
- Non-sparking (Ex N)

ACI's ATEX compliant range is designed to help its customers meet current Zone 1 and Zone 2 hazardous area requirements. All units are fitted with specially protected motors.

#### **Typical Applications**

- Offshore energy exploration
- Explosive environments
- Corrosive environments

ACI ATEX approved Fans can be Stainless Steel, Mild Steel or Aluminium. Consideration should be given to any aggressive substances in the atmosphere with regard to the material used in the manufacture. If required special paint finishes are available.

# ATEX Approved Fans

Single inlet backward bladed/radial bladed or curved forward bladed centrifugal fans

**ATEX features:**

**Motor (I)**

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

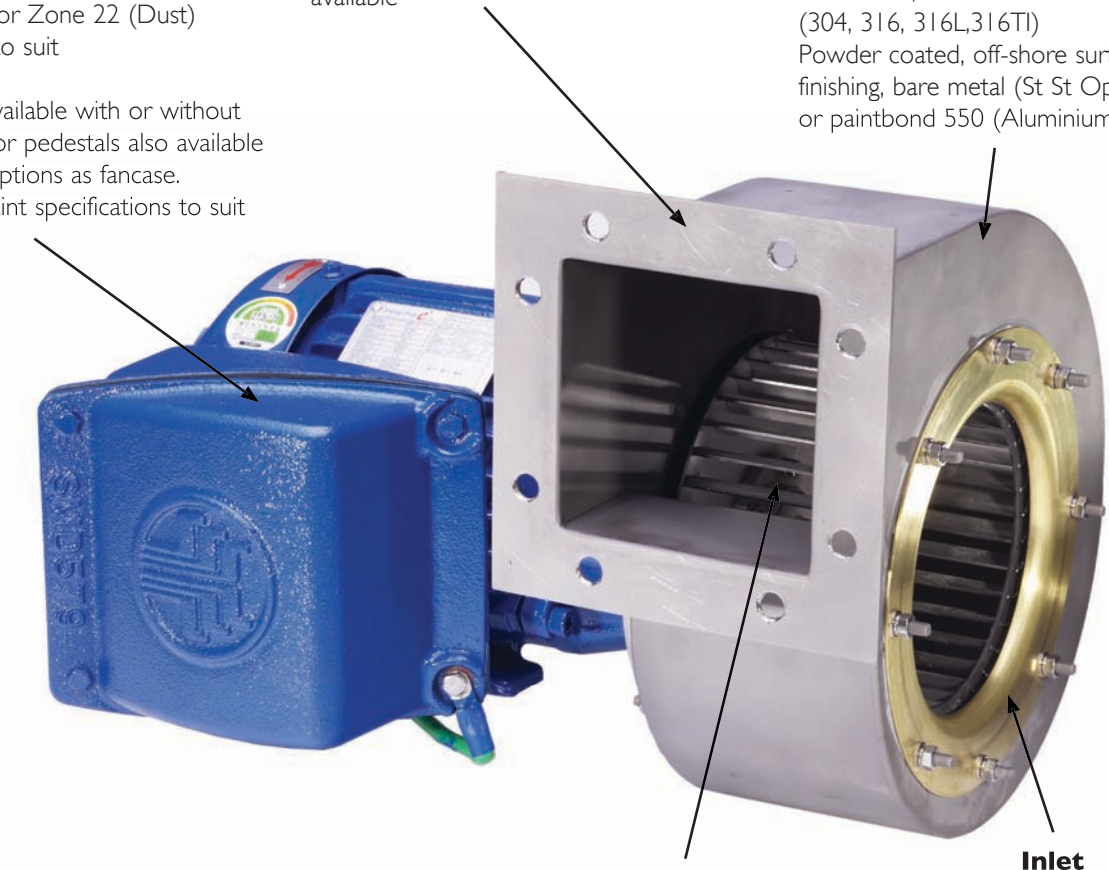
Motors available with or without feet. Motor pedestals also available in same options as fancase. Special paint specifications to suit

**Discharge**

With or without flange for most fans. Spigots, valves, non-return anti-spark valves, flange adaptors and guards available

**Fancase**

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



**Impeller**

Aluminium, galvanised steel or stainless steel (same options as fancase)

**Inlet**

Fitted with brass/ copper liner or inlet cone depending on fan type. Can be supplied with a PCD of tappings or studs. Flanges, spigots, ducts, inlet filters, guards also available

**Please note - motors are also available to ATEX Directive equivalents in other countries**

Air Control Industries Ltd  
Weycroft Avenue, Millwey Rise Industrial Estate,  
Axminster, Devon, EX13 5HU, United Kingdom  
Tel: +44(0)1297 529242 Fax: +44(0)1297 529241  
Email: sales@aircontrolindustries.com