



## ATEX Approved Fans

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

- Flow rates of 50 to 4500m<sup>3</sup>/hr (29 to 2650CFM)
- Pressures from 1 to 13in.SWG (2 to 32in.SWG)
- Increased Safety Motors (EEEx)
- Flameproof (EEExd)
- Non-sparking (Ex N)

With the ATEX Directive now in-effect, ACI is now helping its customers to meet their end-user obligations to purchase compliant equipment with its range of ATEX approved fans supplied with extra protected motors.

### Typical Applications

- Offshore energy exploration
- Hazardous environments
- Corrosive environments

### What are the specified categories and zones that apply to ATEX?

ATEX 100 categorises equipment into three groups and into three zones. However, only Category 2 (High level of protection); Zone 1 (A place where an explosive atmosphere is likely to occur in normal operation occasionally); and Zone 2 (A place where an explosive atmosphere is not likely to occur in normal operation but, if it does occur, will persist for a short period only) will take effect with ACI's range of fans.

ACI ATEX approved Fan and Blower units are manufactured from stainless steel, galvanised steel or aluminium - consideration should be given to any aggressive substances in the explosive atmosphere with regard to the material used in the manufacture. For marine applications special paint finishes are available.

# ATEX approved fans

Air Control Industries the solution providers for air movement problems

The illustrated curves are for selection purposes only.  
Curves shown are for 50-Hz duty.

