Two Speed Axial Fans (LCT)

The Two Speed Axial Fan range incorporates factory adjusted pitch impellers which provide a comprehensive range of duties offering high performance and pressure characteristics. Available in twelve sizes ranging from 315 to 1250mm diameter and performances up to 38m³/s (136,800m³/h) with pressure development up to 1100Pa. The casing is constructed from rolled steel plate complete with flanges and protected with a tough, galvanised finish.

A range of accessories available which include: Axial Ancillary Pack, Cased Axial Attenuator, Mounting Feet, Wire Inlet Guard, Coupling Flange and Speed Controllers.

Motor Support Arms
Motors are mounted by means of specially designed support arms which act as an air straightener to help minimise turbulence and maximise performance, whilst ensuring quiet operation.

Axial Impellers
Impeller blades are clamped in a split cast aluminium hub, with a keywayed mild steel insert enabling positive locking of the impeller assembly to the motor shaft, this also allows manual adjustment of the pitch angle giving a wide selection of performance details.

Terminal Box
To IP55, protected against dust and water jets from any angle, allowing outside applications.

Declaration of Conformity
All models are supplied with an EC Declaration of Conformity as defined by the EC Council Directive on Machinery 89/392/EEC. This declares that all the models, on the basis of their design and construction in the form brought onto the market by Vent-Axia, are in accordance with the Machinery Directive.

Electrical
Single phase 220-240V 50 Hz. Capacitor start and run. Three phase 380-415V 50Hz. Protection of the motor must be provided by an overload current sensing device (eg. D.O.L Starter or Star/Delta starter where applicable) or the guarantee will be invalidated. All models are available with 4 pole motors for 315 up to 1250mm with additional 2 pole motors available from 315 up to 630mm.

Performance
The fan performance is in accordance with tests to BS 848 Part 1.

Sound Levels
All measurements of the sound that the fans generate have been taken strictly in accordance with BS 848 part 2, test method 1. Published sound power level spectra figures are dBW with a reference of 10⁻¹² Watts (1 Pico watt).

Performance Range
Full selection and technical data will be confirmed on receipt of your enquiry.