



Domestic Fans Turbo 100

1.1 General

A. Provide an in-line axial fan for installation in circular ductwork. Fan to meet the performance and configuration as indicated in the schedule and detail drawings. The an in-line axial fan shall be of the Turbo type as supplied by VES Andover Ltd a company accredited with BS EN ISO 9001:2008.

1.2 Unit Construction

A. The fan shall be provided as a pre-assembled unit comprising an ABS plastic case & terminal box, plastic axial fan impeller & hub mounted direct drive motor.

B. The ABS case shall be anti-static treated for reduced dust attraction.

C. The case shall be designed with a circular inlet & discharge spigots, sized to suit a 100mm duct as indicated in the schedule and detail drawings.

D. The fan shall be finished gloss white.

E. The fan shall be suitable for duct mounting.

1.3. Fan Impeller

A. The fan shall be fitted with an ABS plastic forward curved blade axial fan impeller finished to match the unit casework.

1.4. Motor

A. The fan is provided with a 230V AC double insulated two-speed motor with IPX4 environmental protection rating.

1.5 Operating Environment

A. The fan is designed to operate in ambient temperatures from 0°C up to 40°C, and can run continuously at up to 100% humidity level

1.6 Controls

A. The fan shall be supplied with a two-speed motor. The speed shall be set at installation via the fitted terminal box.

B. The fan shall be compatible with optional external PIR movement sensor for automated occupancy activation.

C. The fan shall be compatible with optional external run on timer.

1.7. Ancillaries

A. The unit shall be available with optional 3m duct installation kits as supplied by VES Andover Ltd.

B. The unit shall be compatible with optional duct mounted silencers as supplied by VES Andover Ltd.

Download specification from www.ves.co.uk/information-centre