



Domestic Fans Euro 100/150

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 in-line axial fan shall be of the Euro type as supplied by VES Andover Ltd a company accredited with BS EN ISO 9001:2008.

B. The fan shall meet Building Regulations requirement of 15l/s airflow for bathrooms and WC's

1.2 Unit Construction

A. The fan shall be provided as a pre-assembled unit comprising an ABS plastic case, 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 to suit circular 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 motor with IPX4 environmental protection rating.

B. The 100 fan shall have a specific fan power of 0.54w/l/s

C. The 150 fan shall have a specific fan power of 0.33w/l/s

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

B. The fan shall be suitable installation in BS7671 Zone 2

1.6 Controls

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

B. 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.

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