



## Domestic Fans Polo 100/150

### 1.1 General

A. Provide a low profile Axial fan for installation in ceilings, walls and panels. Unit to meet the performance and configuration as indicated in the schedule and detail drawings. The low profile Axial fan shall be of the Polo type as supplied by VES Andover Ltd a company accredited with BS EN ISO 9001:2008.

### 1.2 Unit Construction

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

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

C. The case shall be designed with a circular discharge spigot, size as indicated in the schedule and detail drawings.

D. The fan shall be available with pull cord switch for manual activation, designed for wall mounting only.

E. The fan shall be available with optional automatic back draft shutters.

F. The fan shall be finished gloss white.

G. The fan shall be designed for wall or ceiling mounting in a circular cutout, and can be mounted in any orientation, excluding pull cord fans.

### 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 shall be provided with a 230V single-phase motor with IPX4 environmental protection rating. The motor on humidistat fans shall be IPX2 environmental protection rating.

B. The motor is ball bearing mounted for extended life and reduced noise.

### 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 standard fan shall be suitable for operation in BS7671 Zone 2. Fans fitted with a humidistat shall be suitable for operation outside the BS7671 Zoning Area only.



## 1.6 Controls

A. The fan shall be available with optional 3 to 23 minute adjustable integrated run on timer as indicated in the schedule.

B. The fan shall be available with optional integrated PIR movement sensor for automated occupancy activation, or adjustable integrated humidistat for condition-based activation as indicated in the schedule.

## 1.7. Ancillaries

A. The unit shall be available with optional wall or ceiling mounting kits as supplied by VES Andover Ltd.

Download specification from [www.ves.co.uk/information-centre](http://www.ves.co.uk/information-centre)