



LIMPET Ceiling Mounted Extract Fans

1.1 General

- A. Provide an extract centrifugal fan for ceiling mounting. Fan to meet the performance and configuration as indicated in the schedule and detail drawings. The extract centrifugal fan shall be of the Limpet 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 pre-assembled comprising an ABS plastic case, backdraught shutters, removable plastic inlet grille as standard & centrifugal fan impeller incorporating hub mounted direct drive motor.
- C. The standard plastic inlet grille shall be removable for installation, access & maintenance. The grille shall be secured with spring clips.
- D. The fan shall include a backdraught shutter as standard.
- E. The case shall be designed with a circular discharge spigot, size as indicated in the schedule and detail drawings.
- F. The case shall be finished black, the standard plastic grille shall be finished gloss white.
- G. The fan shall be suitable for ceiling mounting in a square cutout.
- H. The fan shall be supplied with support angles for installation onto a ceiling tile grid.

1.3 Fan

- A. The fan impeller shall be of galvanised steel forward curved blade construction. The impeller shall be statically and dynamically balanced.
- B. The fan impeller shall be mated with an aerodynamic fan scroll.
- C. The fan impeller is supplied as standard in natural galvanised finish.

1.4 Motor

- A. The fan shall incorporate a 230V single phase external rotor motor to insulation class E and shall be supplied with thermal protection cut-out as standard.

1.5 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 external PIR movement sensor for automated occupancy activation as indicated in the schedule.

1.6 Ancillaries

- A. The unit shall be suitable for use with an external wall louvre as supplied by VES Andover Ltd.
- B. The unit shall be available with optional ceiling installation kits as supplied by VES Andover Ltd.
- C. The unit shall be available with optional vandal proof steel inlet grille as supplied by VES Andover Ltd. The grille shall have no visible fixings, and shall have a white epoxy powder coat finish.
- D. The unit shall be available with optional flush fitting 'eggcrate' inlet grille as supplied by VES Andover Ltd. The grille shall include a box for unit mounting, and a removable grille to fit flush with ceiling.

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