

roundfan Product Specification

1.1. General

- A. Provide an in-line duct mounted fan for installation with circular ductwork. Fan to meet the performance and configuration as indicated in the schedule and detail drawings. The in-line duct mounted fan shall be of the round type as supplied by VES Andover Ltd a company accredited with BS EN ISO 9001:2015.

1.2. Unit Construction

- A. The RM fan shall be provided as a pre-assembled unit comprising an aerodynamically formed galvanized sheet steel case, metal centrifugal fan impeller and hub mounted direct drive motor.
- B. The case shall be designed to suit metric circular duct as indicated in the schedule and detail drawings.
- C. The fan shall be suitable for horizontal or vertical duct mounting.
- D. The fan shall be supplied with a support bracket as standard.

1.3. Fan Impeller

- A. The fan shall be fitted with a backward curved blade axial fan impeller finished to match the fan case.

1.4. Motor

- A. The fan shall be provided with a 230 VAC single phase EC motor, insulated to class F with IPX4 environmental protection rating.
- B. The motor shall be ball bearing mounted as standard.

1.5. Operating Environment

- A. The fan shall be designed to operate in ambient temperatures up to 60 °C.

1.6. Controls

- A. The motor shall be pre-wired to a fitted terminal box.
- B. Fan shall be suitable for 0-10V speed control

1.7 Ancillaries

- A. The fan shall be fully compatible with a standard range of optional circular duct-mounted silencers.
- B. The fan shall be fully compatible with a standard range of optional duct mounted filter boxes.
The filter box shall be provided as a pre-assembled unit comprising a single skinned galvanised sheet steel case, G3 panel filter and circular spigots.
- C. The fan shall be fully compatible with a selection from the EHC circular duct mounted electric heater battery range as supplied by VES Andover Ltd.
- D. The fan shall be fully compatible with the optional wire screen guard.

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