

## CONSULTANTS SPECIFICATION

### FAN DESCRIPTION

The attractively designed unit casing shall be manufactured from easy to clean flame retardant V0 rated ABS polymer and thermally insulated pre-coated mild steel. A washable flame retardant filter of G3 grade (with 1 - 2 year typical maintenance period) shall be fitted which may be accessed via the easily removable front cover.

The unit shall incorporate an injection moulded radial bladed centrifugal impeller. The impeller shall be driven by a high efficiency, reversible brushless DC motor fitted with sealed, self lubricating bearings and locked rotor protection.

The unit shall have a maximum power consumption of 1.4 w/l/s of airflow. The unit shall be highly adaptable for ease of installation allowing circular or rectangular duct connections and for air entry from the side or rear of the case at high or low level.

A selection of spigots enabling connection to 100mm circular or 121x60mm rectangular distribution ductwork without the use of transformation sections shall be provided. The unit shall provide 3 volume control settings. Ducting and grilles shall be supplied separately.

The unit shall be suitable for the incorporation of an optional plug in internal monitor which shall record the units operational time (Code: FLAT-HRM).

The unit shall be offered with a 5 year warranty.