

HIGH MOUNT

Technical Data Bulletin



Construction:

Body:	Fabricated 'Zincseal' sheet, powder coated white.
Grill:	Extruded aluminium, natural anodised outlet.
Motor/Fan:	Fractional horsepower, shaded pole motor with tangential, "barrel" fan.
Element:	Nickel Chromium, helical wound wire, supported on ceramic formers with a metal surround, incorporating fibreglass supporting cordage.
Thermostat:	Single pole, pre-set type.
Thermal Protection:	Primary:- Self-resettable mechanical cutout. Secondary:- Non-resettable thermal fuse.
Wiring:	150 Degree silicon wire with (120°C) insulating "Boots" in all high temperature areas.
Fasteners:	Zinc passivated.

Dimensions:

Width:	448mm
Height:	415mm
Depth:	110mm

Suggested mounting height: 1800mm - 2500mm

Features:

- Easy to replace thermal fuse
- Pre-set thermostat.
- Surface mounting.
- Available in 1.6, 2.4, 3.0, 3.5 & 4.5 kw
- Practical, functional design.
- Full electrical approval
- Ideal for schools, public halls etc. where operator responsibility is limited and energy conservation is important.

Optional:

- HM7B, Remote Control Box with pre-set thermostat and '3 hr to Off' timer.

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Models Available:

KW	Catalogue Number
1.6	HM7/16
2.4	HM7/24
3.0	HM7/30
3.5	HM7/35
4.5	HM7/45

Method of Operation

Air is drawn through the top grill by a tangential fan, past the thermostat, through the heating element and out the bottom grill creating a continuous cycle of warm air into the room. The heater is automatically controlled by a preset thermostat installed within the unit. This thermostat cycles the heat output from high to low element to achieve an overall consistent, comfortable room temperature.

The heater is designed without manual temperature control to ensure the room temperature cannot be tampered with. For greater secure control, the Highmount can be ordered with an optional Remote Control Box (refer options).

The Remote Control Box allows the heater to operate for up to three hours at a preset temperature before turning off.