



Construction:

Body:	Fabricated 'Zincseal' sheet, powder coated white on exposed side areas.
Front Cover:	Folded "Zincseal" sheet, powder coated white.
Console:	Polycarbonate plastic white.
Side Vents:	Polycarbonate plastic white.
Grill	Upper: Formed MS wire, chrome plated. Lower: Formed MS wire, powder coated black.
Motor/Fan:	Shaded pole motor, Class B insulation with IP42 protection, coupled to a metal "paddle" fan.
Element:	Nickel chromium, helical wound wire, supported on ceramic formers between metal trays and incorporating fibreglass supporting cordage.
Radiant Tubes:	Nickel chromium, helical wound wire supported inside a high temperature glass tube with ceramic collar ends and crimped, silicon wire leads each end.
Thermostat:	Single pole, rotary type with copper capillary tube.
Thermal Protection:	Primary - Self-resetting, mechanical cutout in both High & Low element circuits. Secondary - Non-resettable thermal fuse on High & Low elements
Timer:	Fully programmable, 24 hour, with rotating front face.
On/Off Switch:	Rocker type with inbuilt indicator light.
Wiring:	150 Degree, silicon wire with (120°C) insulating "boots" in all high temperature areas.
Knobs:	ABS plastic.
Fasteners:	Zinc passivated.

Dimensions

Width:	910mm
Height:	630mm
Depth:	210mm

Features

- Full electrical approval
- Variable control thermostat
- Fully Programmable, 24hr Timer
- Available in 6.0, 7.0, & 8.5 kw
- Choice of any combination of radiant or fan forced heating.
- Easy surface mounting.

Optional:

- Stainless steel front with black top and sides.



Models Available:

KW	Catalogue Number	Product Code
WHITE - c/w Thermostat & 24 hr Timer		
6.0	ROY6TW	3450 00 001
7.0	ROY7TW	3450 00 002
8.5	ROY85TW	3450 00 003
BLACK/STAINLESS STEEL - c/w Thermostat & 24hr Timer		
6.0	ROY6TBSS	3450 00 004
7.0	ROY7TBSS	3450 00 005
8.5	ROY85TBSS	3450 00 006

Method of Operation

The heater can be turned on by the top console-mounted On / Off rocker switch. Air is drawn in through the rear of the side mounted vent panels and past the thermostat capillary tube by an axially mounted, 'paddle' style fan. The air then travels through the fan plenum chamber and exits the heater via the lower, front grill creating a continuous cycle of warm air into the room. The air temperature is controlled by a thermostat that allows the elements to switch from high to low setting depending on the heat setting chosen. The three radiant tubes mounted behind the chrome grill on the front face of the unit are independent of the fan / element operation and can be selected via the four position rotary switch mounted on the top console of the heater. These radiant tubes are not thermostatically or timer controlled and are designed to provide a visual heat presence in addition to the other internal element heat source. The standard, 24hr, fully programmable timer can be set, via its tabs, to achieve any number of On / Off settings, in minimum 15 minute intervals, through any 24hr period.