

# AirTrack Controllers

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## Accessories and Controllers

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- Supply and extract fan outputs
- Air Flow proving switch
- Run on timer
- Solid state switching - no mechanical switching breakdown
- Indicators for control status
- Temperature sensor

The Vent-Axia range of sheathed element air duct heaters with built in control system provide a safe method of air heating which is economical to install and operate.

### Construction

Circular Duct Air Heaters comprise of electric resistance elements, mounted in a pre-galvanised steel casing. Elements consist of a nickel/chromium resistance wire, spirally wound, insulated by compacted magnesium oxide powder and fitted within a stainless steel tube. The ends of each element are sealed with silicone rubber. Elements are return bent and mounted in the terminal box with airtight fixing glands.

Standard terminal boxes are made from pre-galvanised sheet steel, 25mm conduit holes and earth stud are provided. The terminal boxes conform to IP30.

Every heater is fitted with a high temperature safety cut out operating at 120°C complete with push button manual reset.

Available in 100, 125, 150, 200, 250, 315, 400 and 500mm diameter sizes. The air velocity across the heater elements must be greater than 2m/s and installed a minimum distance of one metre from the exhaust outlet of the fan unit.

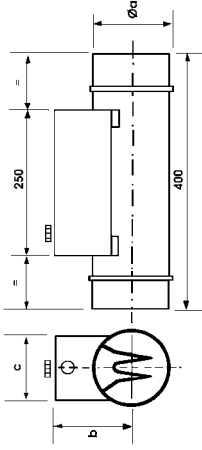
### Mounting

Heaters can be mounted in any position, vertical or horizontal. Care should be taken to ensure the cut out remains operational.

### Controls

The Vent-Axia range of duct heaters with built-in controls are designed to be cost effective and space saving whilst maintaining the features normally associated with larger control panels.

### Dimensions



Stock Ref. No.	a	b	c	kg
105.31.100T1	100	180	117	3
105.31.125T1	100	180	117	3.8
105.31.150T1	100	180	117	/
105.31.200T1	100	180	117	6
105.31.250T1	100	180	117	7.5
105.31.315T1	100	180	117	8.2
105.31.315T3	100	180	117	8.5
105.31.400T3	100	180	117	9.2
105.31.500T3	100	180	117	10

### Performance

