

AirTrack Heaters

- Supply and extract fan outputs
- Combined temperature and airflow sensor
- Run on timer
- Solid state switching - no mechanical switching breakdown
- Indicators for control status
- High temperature limit and manual reset
- Separate supply and extract fan outputs for heaters over 150mm dia



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.

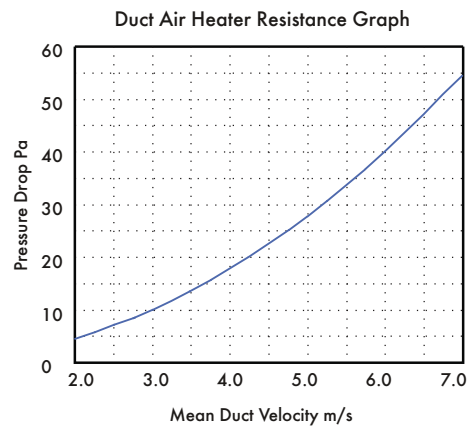
Available in 100, 125, 150, 200, 250, 315, 400 and 500mm diameter sizes. The air velocity across the heater elements must be greater than 2m/s and installed a minimum distance of one metre from the exhaust outlet of the fan unit.

Mounting

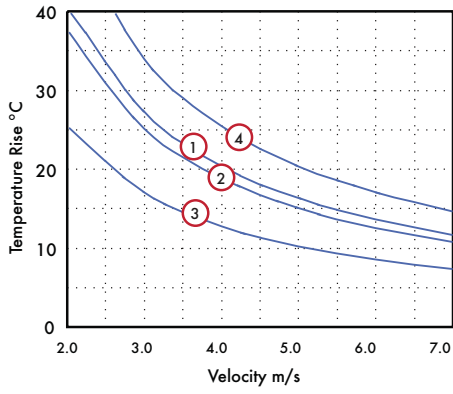
Heaters can be mounted in any position, vertical or horizontal. Care should be taken to ensure the cut out remains operational.

Controls

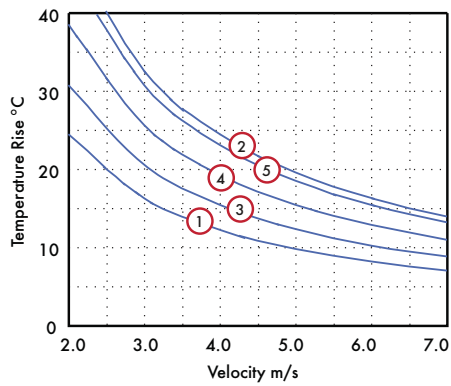
The Vent-Axia range of duct heaters with built-in controls are designed to be cost effective and space saving whilst maintaining the features normally associated with larger control panels.



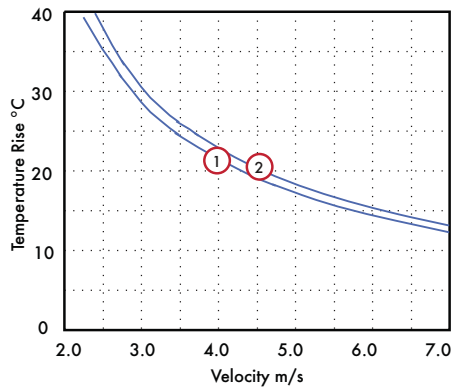
Duct Air Temperature Rise



- ① 10531125T1 (1.25kW)
- ③ 10531200T1 (2kW)
- ② 10531100T1 (0.75kW)
10531150T1 (1.66kW)
- ④ 10531200T1 (4 kW)

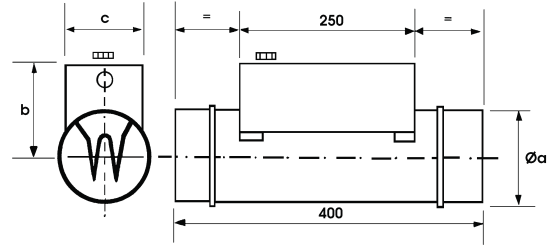


- ① 10531250T1 (3kW)
- ④ 10531315T1 (8 kW)
- ② 10531250T1 (6kW)
- ⑤ 10531315T3 (9kW)
- ③ 10531315T1 (4kW)



- ① 10531400T3 (12kW)
- ② 10531500T3 (21kW)

Dimensions (mm)



Stock Ref	Øa	b	c	kg
10531100T1	100	160	117	3
10531125T1	125	160	117	3.8
10531150T1	150	160	117	4
10531200T1	200	160	117	6
10531250T1	250	160	117	7.5
10531315T1	315	160	117	8.2
10531315T3	315	160	117	8.5
10531400T3	400	160	117	9.2
10531500T3	500	160	117	10