

Pedestal

A new range of freestanding convector pedestal heaters, Kiosk, Trafalgar, and Tube in a variety of shapes, lengths and finishes



Features

- Perfect for beneath large windows, Smith's freestanding pedestal heaters help to minimise the problem of downward cold airflow with commonly associated with glazed façades
- Fitting into the smallest of spaces Smith's range of freestanding pedestal heaters provide a stylish solution without the need for wall hung heaters
- Minimal height of max. 206mm and lengths from 0.5m to 2m
- Without fan for dry and wet environments
- Perfect for where sub-floor trench heating is not possible
- Heat source: boiler or heat pump

Applications

- Education
- Healthcare
- Leisure and sport
- Office
- Hospitality
- Retail
- Showroom

Finish

Outer casing 1.2mm zintec. Polyester powder coated
Paint specification: textured white BS 4800 00A01 18% gloss

Installation

Flow and return connections 22mm copper
Designed for system pressures up to 10 bar
Suitable for two pipe central heating systems only

Customised requirements

Any colour finishes are available on request
Price and availability will be confirmed at the time of order

Controls

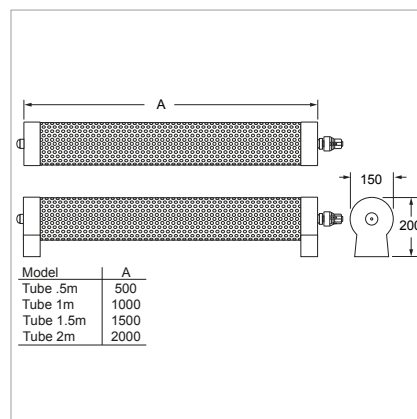
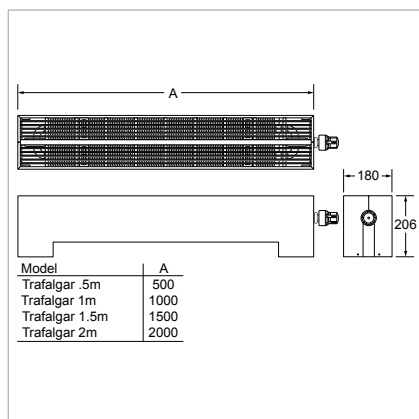
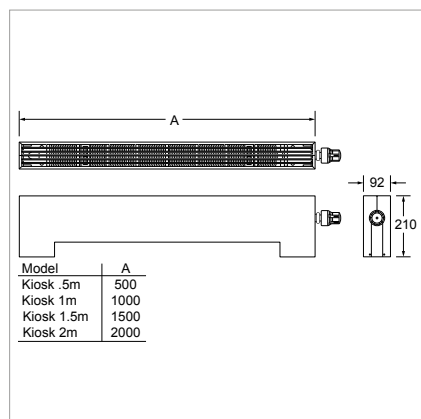
Supplied with TRV and lockshield valve

Specification

To specify state:
Low height freestanding pedestal heater in linear form with rectangular profile, large rectangular profile or circular profile.
As Smith's Kiosk, Trafalgar or Tube

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Heat output

Product length	ΔT °C					
	20 ΔT	30 ΔT	40 ΔT	50 ΔT	60 ΔT	70 ΔT
Kiosk						
0.5m	22	39	60	83	109	136
1.0m	73	133	202	281	367	459
1.5m	125	226	345	479	626	783
2.0m	176	320	487	677	884	1106
Trafalgar						
0.5m	39	72	110	154	201	253
1.0m	133	243	373	519	681	856
1.5m	226	414	635	885	1160	1459
2.0m	320	585	898	1250	1640	2062
Tube						
0.5m	36	64	96	132	170	212
1.0m	88	157	237	325	421	524
1.5m	141	251	378	519	671	836
2.0m	193	344	519	712	922	1148

Entering ambient air temperature of 20°C
Outputs in Watts. In accordance with EN442 - BSRIA verified

Ordering guide

Listed below are the Pedestal complete with TRV.

Description	Wt (kg)	Product Codes
Kiosk		
500 Kiosk pedestal natural convector white TRV	5	HPK1100025
1000 Kiosk pedestal natural convector white TRV	10	HPK1100028
1500 Kiosk pedestal natural convector white TRV	15	HPK1100031
2000 Kiosk pedestal natural convector white TRV	20	HPK1100034
Trafalgar		
500 Trafalgar pedestal natural convector white TRV	8	HPTR110025
1000 Trafalgar pedestal natural convector white TRV	16	HPTR110028
1500 Trafalgar pedestal natural convector white TRV	24	HPTR110031
2000 Trafalgar pedestal natural convector white TRV	32	HPTR110034
Tube		
500 single rnd pedestal natural convector black rnd perf	5	HPTU110000
1000 single rnd pedestal natural convector black rnd perf	10	HPTU110003
1500 single rnd pedestal natural convector black rnd perf	15	HPTU110006
2000 single rnd pedestal natural convector black rnd perf	20	HPTU110009

How to calculate Mass Flow Rate (L/S)

$$M = H / CP \times (\text{Flow } ^\circ\text{C} - \text{Return } ^\circ\text{C})$$

M = Mass flow rate (L/S)

H = Output of product (W)

CP = Specific heat capacity [J/(kg·°C)]. Varies upon system temperature, Approx. 4187 if fluid is water.

How to calculate Mean Water Temperature (ΔT)

$$\text{Mean water temperature } (\Delta T) = \left[\frac{\text{Flow temperature} + \text{Return temperature}}{2} \right] - \text{Ambient Temperature}$$

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