

Pedestal

A new range of freestanding natural 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
- Lengths from 0.5m to 2m
- 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 and 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

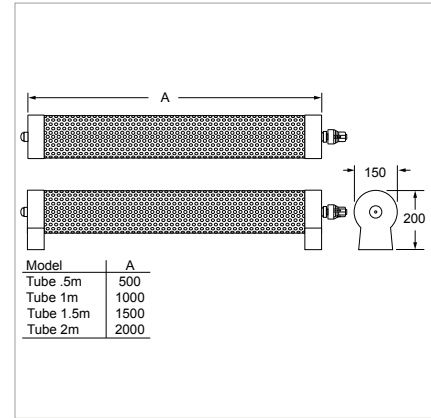
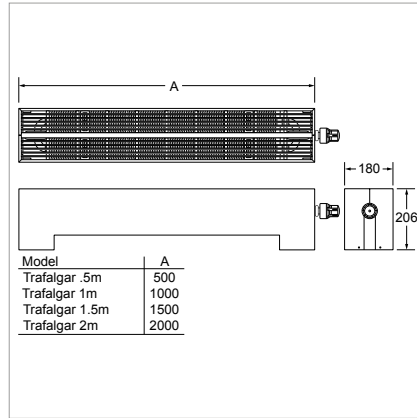
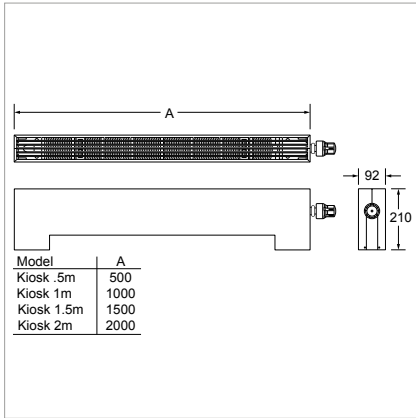
Supplied with TRV and lockshield valve.

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

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)

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

Ordering guide Listed below are the Pedestal in white complete with TRV.

Description	Wt (kg)	Product Codes
Kiosk		
PEDESTAL KIOSK 500	5	HPK1100025
PEDESTAL KIOSK 1000	10	HPK1100028
PEDESTAL KIOSK 1500	15	HPK1100031
PEDESTAL KIOSK 2000	20	HPK1100034
Trafalgar		
PEDESTAL TRAFALGAR 500	8	HPTR110025
PEDESTAL TRAFALGAR 1000	16	HPTR110028
PEDESTAL TRAFALGAR 1500	24	HPTR110031
PEDESTAL TRAFALGAR 2000	32	HPTR110034
Tube		
PEDESTAL TUBE 500 WHT	5	HPTU110001
PEDESTAL TUBE 1000 WHT	10	HPTU110004
PEDESTAL TUBE 1500 WHT	15	HPTU110007
PEDESTAL TUBE 2000 WHT	20	HPTU110010

As part our commitment to continuous improvement Smith's Environmental Products may change the specifications of its products without prior notification or public announcement. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All dimensions are in mm unless otherwise stated. Please visit our website for the most up to date information.

Issue 002 | March 2020