

SPC Metropolitan Electric Trench Heating



Fan-assisted Electric Trench Heater

SPC Metropolitan Electric Trench Heating for use in the absence of an LTHW Heating System or where running pipework to a unit is not practical.

- Trench casings from 1.2mm thick mild steel finished in black powder coat. The trench is c/w knock-outs for cable entry. Fine adjustment levelling screws are provided at all four corners and adjustable support feet along the length of the casing. Height adjustment of 30mm is available. The casing is supplied with transverse bracing pieces and a protective cover for use during installation.
- The heat exchangers are single phase 230V electric heaters. The elements are ceramic PTC giving inherently safe, self-regulating performance c/w auto-resetting overheat cut-outs to trip the unit should the heating elements or casing become excessively hot.
- Trench units are supplied, as standard, with anodised aluminium roll-up type grilles. The grilles consist of the aluminium blades, stainless steel springs and black plastic spacers. Blades are optionally available in a range of anodised colours and can be provided in stainless steel. Trim pieces shall be supplied for fitting around the edge of the trench casing to match the grille.
- The trench units include one or more EC/DC crossflow fan assemblies. The fan speed is set at an appropriate level for the heat output to ensure that the elements are exposed to sufficient cooling air. The fan and element assemblies are shielded by perforated guards.
- The trench heaters are controlled on/off either by a room thermostat, switch or BMS enable signal.

Trench width (mm)	Trench height (mm)	Trench length (mm)	Heat output (kW)
225	125	1000	1.00
225	125	1750	2.00
225	125	2500	3.00

Table 1. Dimensions and heat output.

Key Features

- Wall Mounted or BMS Controls
- Quiet EC/DC Cross flow fans
- Wide range of Grille Finishes

