

## Underfloor heating system with grilles

DECORATIVE UNDERFLOOR HEATING COMPONENTS WITH A HIGH OUTPUT AND FAST REACTION TIME

### Applications

Typical applications are garden rooms, lobbies and gallery spaces, traditional greenhouses and conservatories. Suitable for use with warm or cooled air systems, fitted around the perimeter of spaces requiring high output with fast reaction times. The grilles and supports are available as a prepared set of components with heating pipes for hot-water heating - [email](#) us for this service. (See design service below)

### The system

Finned convectors, with baffles to improve air circulation without the need for fans, are set in a duct with lift-off grilles, and can operate off an existing central-heating/ HVAC system.

### Requirements

A 12", (300mm) deep channel 11", (272mm) wide (274 mm wide for the Dice pattern grille) is required. This is usually positioned about 12" (300mm) from the perimeter of the room, especially on external walls and across doorways.

### Heat output

The polyester-coated finned heating convectors deliver, at a flow rate of 1" per sec. at 160°F, approximately 200w per foot.

### Design service

M&L provide either individual components, or a package complete with a layout plan, designed for the heat output required.

### The components

These are prepared to order with convector heaters, supports and air circulation baffles ready for a heating engineer or plumber to install. The components are supplied with pre-cut supports, optional brass trims, a setting-out guide and cover grilles.

### Finish

The standard finish is a gunmetal grey polyester powder-coat



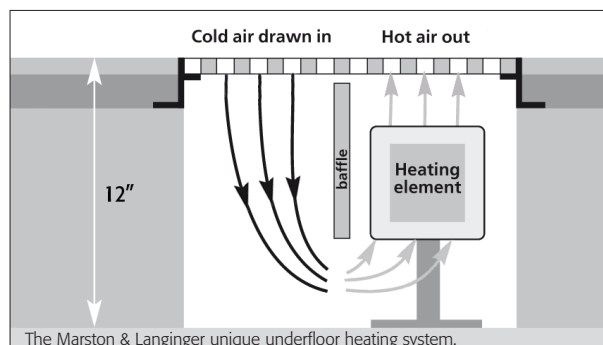
High-quality convector heaters are manufactured to length.



For conservatories and greenhouses, a thermostatic controller which operates both heating and ventilation.



Alloy supports complete with setting-out guides, make installation simple. The flush brass trim is optional.



Typical section of the heating channel, with loose lift-off cover grilles.

