

### Technical Information

Rapid Response® Overfloor Boards	20mm	16mm
Length	1200mm	1200mm
Width	600mm	600mm
EPS Density	110.2 kg/m <sup>3</sup>	116 kg/m <sup>3</sup>
Compressive Strength	400 kPa	400 kPa
Board weight	1.59 kg	1.33 kg
External Diameter of Pipe	16mm	12mm
Thermal Resistance	0.447 m <sup>2</sup> k/w +/- 2.5%	0.379 m <sup>2</sup> k/w +/- 2.8%

Please note: Advised maximum lengths for individual pipe circuits is 100 linear metres for 16mm pipe and 60 linear metres for 12mm pipe.

### Important Information

The heat output of this underfloor heating system must be limited to a maximum supply water temperature of 45°C and a maximum floor surface temperature of 27°C for wooden floors. Underfloor heating cannot compensate for large heat losses of an inadequately insulated house. Please note that underfloor heating systems can give an approximate heat output of 96.5W/m<sup>2</sup> with ceramic and stone tile coverings and 65.3W/m<sup>2</sup> with wooden coverings (up to 16mm thick) and 51.5W/m<sup>2</sup> with carpet.

#### Outputs in line with BSEN 1264

*"When mixed floor solutions are being served from the same manifold, a floor probe must be used in the floor solution with the lower maximum supply temperature. This is to limit the temperature in these floor areas and prevent damage to the floor solution and/or floor finish."*

**Please check our website for tech support videos**

