



## LH - Under Laminate Elements

### Application

Ultra-thin LH heating elements can be installed directly under laminate floors without the need for screed or adhesive. They can also be used with timber floors with a maximum thickness of 15mm\*. A layer of Depron insulation placed below the LH element will provide the necessary thermal insulation and sound deadening. In poorly insulated properties supplementary heating may be required.

\*We recommend you consult your timber floor supplier to check compatibility with underfloor heating.



### Features

- Two different widths are available with standard lengths up to 10m (elements can be reduced in length on site if necessary)
- Non standard lengths are available on request
- 4m 'live' and 'neutral' cables are fitted
- A number of elements are used to fill the floor area and are connected in parallel.
- G16C programmable thermostat with both room and floor sensor (must be ordered separately)

### Selection

Draw a plan of the floor identifying areas occupied by fixed furniture such as kitchen cabinets (heating elements should not be installed in these areas). Draw the heating elements side by side on to the plan leaving a minimum gap of 50mm between the wall and the edge of the heating element. Whenever possible, keep the element ends fitted with the live and neutral cables along one wall. This should be the same wall on which the thermostat is mounted.



G16C

LH4 Range		
Width: 400mm overall, 330mm heated		
Model	Length (m)	Output (kW)
LH4-010	1.0	0.04
LH4-015	1.5	0.06
LH4-020	2.0	0.09
LH4-025	2.5	0.11
LH4-030	3.0	0.13
LH4-035	3.5	0.15
LH4-040	4.0	0.17
LH4-045	4.5	0.19
LH4-050	5.0	0.21
LH4-055	5.5	0.23
LH4-060	6.0	0.26
LH4-065	6.5	0.28
LH4-070	7.0	0.3
LH4-075	7.5	0.32
LH4-080	8.0	0.34
LH4-085	8.5	0.36
LH4-090	9.0	0.39
LH4-095	9.5	0.41
LH4-100	10	0.43

LH5 Range		
Width: 530mm overall, 500mm heated		
Model	Length (m)	Output (kW)
LH5-010	1.0	0.06
LH5-015	1.5	0.1
LH5-020	2.0	0.13
LH5-025	2.5	0.16
LH5-030	3.0	0.19
LH5-035	3.5	0.23
LH5-040	4.0	0.26
LH5-045	4.5	0.29
LH5-050	5.0	0.32
LH5-055	5.5	0.36
LH5-060	6.0	0.39
LH5-065	6.5	0.42
LH5-070	7.0	0.45
LH5-075	7.5	0.49
LH5-080	8.0	0.52
LH5-085	8.5	0.55
LH5-090	9.0	0.59
LH5-095	9.5	0.62
LH5-100	10	0.65

Depron Insulation			
Model	Dimensions (mm)		
	Long	Wide	Thick
DEP6	1200	800	6

Controller		
Model	Range	Rating
G16C	+5°C to +30°C	15 Amp