

Stainless Steel Finned Air Resistors - LSS Series

SHEATH WATTS DENSITY

60kW/in² (39W/in²)

Fin and sheath total 4.3kW/m² (2.8W/in²)

OPERATING TEMPERATURES

A permissible temperature of element when operating is 400°C.

The minimum air velocity of 1.0 metre/sec is required to pass over the resistors.

CONSTRUCTION

Continuous spiral Stainless Steel fin fitted to 11.1mm diameter Stainless Steel sheathed tubular element.

Diameter over fin 30mm.

Finning pitch 5.1mm.

FINISH

Stainless Steel

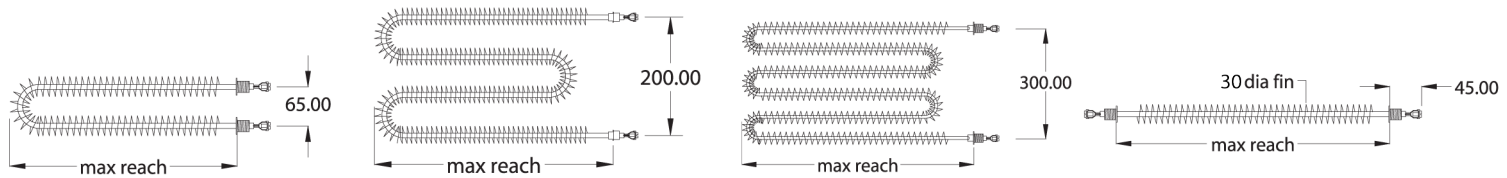
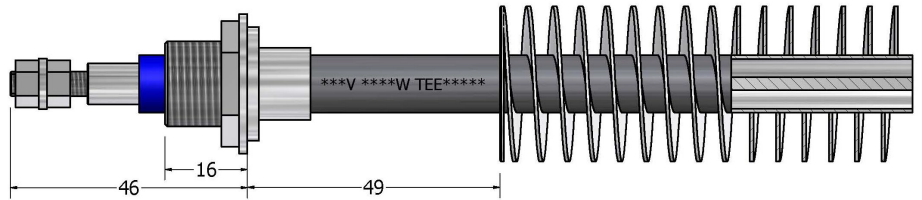
MOUNTING

Bushes 16mm conduit thread by 13mm long.

Clearance hole of 18mm required.

Nuts and washers included.

ELEMENT MOUNTING DETAILS



'U' Form			'W' Form			Triple 'U' Form			Straight Length		
Part No.	Resistance	Max Reach	Part No.	Resistance	Max Reach	Part No.	Resistance	Max Reach	Part No.	Resistance	Max Reach
LSS075U	76.8Ω	226	LSS100W	57.6Ω	154	LSS250T	23.0Ω	239	LSS075S	76.8Ω	455
LSS100U	57.6Ω	281	LSS125W	46.1Ω	184	LSS300T	19.2Ω	276	LSS100S	57.6Ω	564
LSS125U	46.1Ω	346	LSS150W	38.4Ω	218	LSS350T	16.5Ω	315	LSS125S	46.1Ω	695
LSS150U	38.4Ω	406	LSS175W	32.9Ω	240	LSS400T	14.4Ω	357	LSS150S	38.4Ω	815
LSS175U	32.9Ω	459	LSS200W	28.8Ω	278	LSS450T	12.8Ω	403	LSS175S	32.9Ω	920
LSS200U	28.8Ω	526	LSS250W	23.0Ω	334	LSS500T	11.5Ω	447	LSS200S	28.8Ω	1055
LSS250U	23.0Ω	638	LSS300W	19.2Ω	384	LSS600T	9.6Ω	593	LSS250S	23.0Ω	1277
LSS300U	19.2Ω	747	LSS350W	16.5Ω	439				LSS300S	19.2Ω	1495
LSS350U	16.5Ω	858	LSS400W	14.4Ω	500				LSS350S	16.5Ω	1718
LSS400U	14.4Ω	973	LSS450W	12.8Ω	569				LSS400S	14.4Ω	1948
LSS450U	12.8Ω	1109	LSS500W	11.5Ω	632				LSS450S	12.8Ω	2220
LSS500U	11.5Ω	1235	LSS600W	9.6Ω	738				LSS500S	11.5Ω	2473
LSS600U	9.6Ω	1453							LSS600S	9.6Ω	2908

All dimensions are given in millimetres and elements are rated at 240V.
Special sizes, voltages and resistances can be manufactured to suit your requirements.