

Stainless Steel Finned Air Resistors - LPS Series

SHEATH WATTS DENSITY

43.5kW/in² (28W/in²)

Fin and sheath total 2.8kW/m² (1.8W/in²)

OPERATING TEMPERATURES

Element surface temperature will not exceed 400°C in still air at 20°C if operated in still air conditions.

CONSTRUCTION

Continuous spiral Stainless Steel fin fitted to 8mm diameter Stainless Steel sheathed tubular element.

Diameter over fin 30mm.

Finning pitch 5.1mm.

FINISH

Stainless Steel

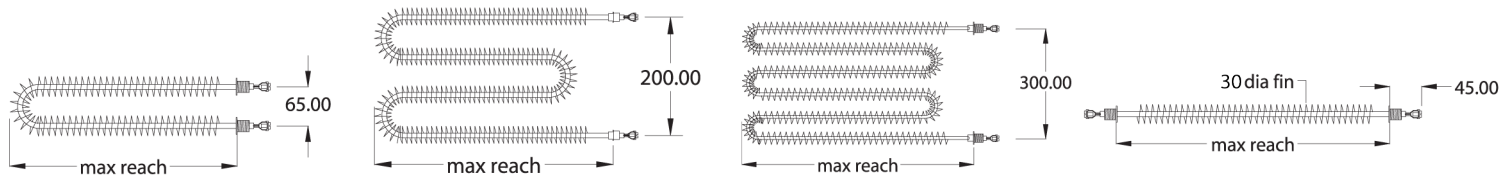
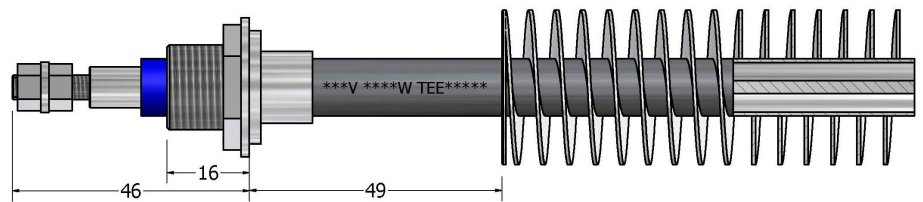
MOUNTING

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
LPS075U	76.8Ω	298	LPS075W	76.8Ω	164	LPS175T	32.9Ω	237	LPS075S	76.8Ω	597
LPS100U	57.6Ω	381	LPS100W	57.6Ω	205	LPS200T	28.8Ω	266	LPS100S	57.6Ω	764
LPS125U	46.1Ω	465	LPS125W	46.1Ω	243	LPS250T	23.0Ω	324	LPS125S	46.1Ω	931
LPS150U	38.4Ω	548	LPS150W	38.4Ω	286	LPS300T	19.2Ω	383	LPS150S	38.4Ω	1098
LPS175U	32.9Ω	632	LPS175W	32.9Ω	331	LPS350T	16.5Ω	441	LPS175S	32.9Ω	1265
LPS200U	28.8Ω	716	LPS200W	28.8Ω	373	LPS400T	14.4Ω	499	LPS200S	28.8Ω	1433
LPS250U	23.0Ω	883	LPS250W	23.0Ω	456	LPS450T	12.8Ω	558	LPS250S	23.0Ω	1767
LPS300U	19.2Ω	1050	LPS300W	19.2Ω	537	LPS500T	11.5Ω	616	LPS300S	19.2Ω	2102
LPS350U	16.5Ω	1217	LPS350W	16.5Ω	623				LPS350S	16.5Ω	2436
LPS400U	14.4Ω	1384	LPS400W	14.4Ω	707				LPS400S	14.4Ω	2770
LPS450U	12.8Ω	1552	LPS450W	12.8Ω	788				LPS450S	12.8Ω	3105
LPS500U	11.5Ω	1718	LPS500W	11.5Ω	874				LPS500S	11.5Ω	3437

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