



Introduction

Megnam ceramic heaters were developed by LPC engineers to fulfill the need for high watt density heat source with the lowest practical energy usage.

LPC engineers pride themselves on their ability to provide solutions for the most complex shaped dies and heating applications.

Ordering Procedure

Specify: Type, Width, Length, Diameter (if applicable), Watts, Volts, Holes & Cut-outs, Termination, Clamping & Mounting. Ideally please provide a sketch or photo with your enquiry.

Construction

Megnam heaters are capable of delivering the highest loadings available in band heaters, being designed to operate safely at temperatures of up to 700°C (1300°C).

Megnam strip and plate heaters are of a similar construction, being sturdy and capable of operating at equally high temperatures. Normal watt density is up to 45 watts per square inch.

LPC can design Megnam heaters to incorporate a variety of slots, holes and cutouts to accommodate your application and control systems. Terminations are supplied to your specifications and can include braided cables, terminal box and gland, standard plug connectors or stud terminals.

Product Details

Manufacturing Tolerances:

Resistance:	±7%
Wattage:	±7%
Voltage:	24V to 580V max
Inside Diameter:	±0.025" (0.635mm)
Widths:	±0.025" (0.635mm)

Loadings:

Bands/Plates:	45w/sq in 700°C
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Sizes:

Thickness:	Plate Heaters: 10mm min	Round Heaters: 11mm min
	(+ 3mm for Megnam Insulation)	
Diameter (ID):	75mm min	
	127cm max	
Width:	25mm min	
	610mm max	

Material:

Case:	Coated Mild/Stainless Steel (on request)
Lids/Bands:	Coated Mild/Stainless Steel
Insulation:	Molochite/Secar Compound
Elements:	80/20 Nichrome

