

# Nozzle Heaters

## Technical Information

Highly Reliable..... ✓  
 Low Cost..... ✓  
 Low Profile..... ✓



**Delivery on urgent Nozzle heaters can be arranged within 24 hours.  
 Heard it before?  
 Place an order and we'll prove it!**

LPC engineers have developed a range of highly reliable, low cost, low profile nozzle heaters. The standard range vary from 25mm ø to 50mm ø, are rated at 240V and come with 24" (610mm) fibre glass leads:

Size	Watts	Size	Watts	Size	Watts	Size	Watts
25 x 25	100	32 x 25	125	38 x 25	150	45 x 25	175
25 x 30	120	32 x 30	150	38 x 30	175	45 x 30	210
25 x 35	140	32 x 35	175	38 x 35	205	45 x 35	245
25 x 38	150	32 x 38	190	38 x 38	225	45 x 38	265
25 x 45	175	32 x 45	225	38 x 45	265	45 x 45	315
25 x 50	195	32 x 50	250	38 x 50	295	45 x 50	350
30 x 25	110	35 x 25	135	40 x 25	155	50 x 25	200
30 x 30	140	35 x 30	160	40 x 30	185	50 x 30	235
30 x 35	160	35 x 35	190	40 x 35	220	50 x 35	270
30 x 38	175	35 x 38	205	40 x 38	235	50 x 38	295
30 x 45	210	35 x 45	245	40 x 45	280	50 x 45	350
30 x 50	230	35 x 50	270	40 x 50	310	50 x 50	390

### Construction

Other options for leads, terminations & voltages are available or can be made to order. Please contact our sales dept. to discuss your requirements. LPC nozzle heaters are constructed with three plates of phlogopite mica wound and encased in coated mild or stainless steel for optimum flexibility, heat transfer and strength. Element resistors are wound from top grade 80/20 nickel chrome and are carefully spaced to provide even heat. The heaters are precision rolled and formed to fit your application.

#### **Manufacturing Tolerances:**

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

#### **Loadings:**

Nozzles: 32w/sq in

#### **Material:**

Case: Coated Mild/Stainless Steel  
 Elements: 80/20 Nichrome