

Flexible heating elements

Flexible surface heaters are suitable for a wide range of applications. Widely used where space is an issue our etched foil elements offer low profile uniform heat distribution. These elements are moisture resistant, easy to control and offer high electrical insulation properties.



FEATURES

SILICONE OR POLYESTER INSULATED
ETCHED FOIL CONSTRUCTION
UL AND CSA APPROVALS
SURFACE THERMOSTATS AVAILABLE
CUSTOM DESIGNS ALSO AVAILABLE
SELF ADHESIVE BACKING

SPECIFICATION

1000mm silicone leads 0.75mm dia
TEMPERATURE RANGE: -60 to 200°C
1mm mat thickness
Centre tapped 120/240 v 50 hz, 3 wire
3M adhesive backed

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 5	6 - 10
SRM-50X100-120/240V 100 W	Silicone heater mat, 50mm x 100mm, dual voltage, 100 watts	POA	POA
SRM-200X100-120/240V 100 W	Silicone heater mat, 200 mm x 100mm, dual voltage, 100 watts	POA	POA
SRM-250X150-120/240V 300W	Silicone heater mat, 250mm x 150mm, dual voltage, 300 watts	POA	POA
SRM-300X200-120/240V 400W	Silicone heater mat, 300mm x 200mm, dual voltage, 400 watts	POA	POA
SRM-400X300-120/240V 500W	Silicone heater mat, 400 mm x 300mm, dual voltage, 500 watts	POA	POA
SRM-500X500-120/240V 750W	Silicone heater mat, 500 mm x 500mm, dual voltage, 750 watt	POA	POA
SRM-600X500-120/240V 1000W	Silicone heater mat, 600mm x 500mm, dual voltage, 1000 watts	POA	POA

APPLICATIONS

Scientific equipment
Hotplates
Cabinet warming/telecoms
Drum heating/trace heating
Tank heating
Composite curing
Refrigeration/catering equipment

Cartridge style heating elements

Our range of Stainless steel sheathed cartridge heaters are available in various sizes and wattages all with 1000mm long glass fiber leads. Units are rated at 230v however other voltages, power ratings and sizes are available on request.



FEATURES

METRIC AND IMPERIAL SIZES
HIGH TEMPERATURE UP TO 700°C SURFACE TEMP
UNITS WITH BUILT IN THERMOCOUPLES
HIGH TEMP FIBRE GLASS LEADS

SPECIFICATION

SHEATH MATERIAL: Stainless steel
LEADS: Fibre glass insulated 1000 mm long
TOLERANCE: On loadings + 5% - 10 %
SUPPLY VOLTAGE: 240 vac
CABLE EXIT: Ceramic end cap
THERMOCOUPLE: J type

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
6.5MM DIAMETER			
TUKHT95251	6.5MM DIA, 40MM L, 100 W, 230 V	POA	POA
TUKHT95254	6.5MM DIA, 40MM L, 200 W, 230 V	POA	POA
TUKHT95255	6.5MM DIA, 50MM L, 100 W, 230 V	POA	POA
TUKHT95256	6.5MM DIA, 50MM L, 160 W, 230 V	POA	POA
TUKHT95257	6.5MM DIA, 50MM L, 200 W, 230 V	POA	POA
TUKHT95259	6.5MM DIA, 60MM L, 125 W, 230 V	POA	POA
TUKHT95261	6.5MM DIA, 60MM L, 200 W, 230 V	POA	POA
TUKHT95265	6.5MM DIA, 80MM L, 200 W, 230 V	POA	POA
TUKHT95269	6.5MM DIA, 100MM L, 200 W, 230 V	POA	POA
TUKHT95273	6.5MM DIA, 130MM L, 400 W, 230 V	POA	POA
TUKHT95276	6.5MM DIA, 160MM L, 400 W, 230 V	POA	POA
8MM DIAMETER			
TUKHT95001	8MM DIA, 40MM L, 100 W, 230 V	POA	POA
TUKHT95003	8MM DIA, 40MM L, 200 W, 230 V	POA	POA
TUKHT95005	8MM DIA, 50MM L, 125 W, 230 V	POA	POA
TUKHT95007	8MM DIA, 50MM L, 250 W, 230 V	POA	POA
TUKHT95010	8MM DIA, 60MM L, 200 W, 230 V	POA	POA
TUKHT95014	8MM DIA, 80MM L, 200 W, 230 V	POA	POA
TUKHT95018	8MM DIA, 100MM L, 200 W, 230 V	POA	POA
TUKHT95021	8MM DIA, 100MM L, 400 W, 230 V	POA	POA
TUKHT95023	8MM DIA, 130MM L, 320 W, 230 V	POA	POA
TUKHT95025	8MM DIA, 160MM L, 450 W, 230 V	POA	POA

Cartridge style heating elements continued

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
10MM DIAMETER			
TUKHT95026	10MM DIA, 40MM L, 100 W, 230 V	POA	POA
TUKHT95028	10MM DIA, 40MM L, 200 W, 230 V	POA	POA
TUKHT95031	10MM DIA, 50MM L, 100 W, 230 V	POA	POA
TUKHT95034	10MM DIA, 50MM L, 250 W, 230 V	POA	POA
TUKHT95036	10MM DIA, 60MM L, 160 W, 230 V	POA	POA
TUKHT95038	10MM DIA, 60MM L, 250 W, 230 V	POA	POA
TUKHT95041	10MM DIA, 60MM L, 500 W, 230 V	POA	POA
TUKHT95042	10MM DIA, 80MM L, 160 W, 230 V	POA	POA
TUKHT95045	10MM DIA, 80MM L, 400 W, 230 V	POA	POA
TUKHT95048	10MM DIA, 100MM L, 200 W, 230V	POA	POA
TUKHT95053	10MM DIA, 100MM L, 500 W, 230 V	POA	POA
TUKHT95056	10MM DIA, 130MM L, 400 W, 230 V	POA	POA
TUKHT95059	10MM DIA, 130MM L, 800 W, 230 V	POA	POA
TUKHT95062	10MM DIA, 200MM L, 400 W, 230 V	POA	POA
TUKHT95063	10MM DIA, 200MM L, 650 W, 230 V	POA	POA
12.5MM DIAMETER			
TUKHT95064	12.5MM DIA, 40 MM L, 250 W, 230 V	POA	POA
TUKHT95066	12.5MM DIA, 40 MM L, 400 W, 230 V	POA	POA
TUKHT95067	12.5MM DIA, 50MM L, 160 W, 230 V	POA	POA
TUKHT95070	12.5MM DIA, 50MM L, 350 W, 230 V	POA	POA
TUKHT95072	12.5MM DIA, 60 MM L, 200 W, 230 V	POA	POA
TUKHT95076	12.5MM DIA, 60MM L, 400 W, 230 V	POA	POA
TUKHT95078	12.5MM DIA, 80 MM L, 250 W, 230 V	POA	POA
TUKHT95081	12.5MM DIA, 80 MM L, 400 W, 230 V	POA	POA
TUKHT95084	12.5MM DIA, 80 MM L, 800 W, 230 V	POA	POA
TUKHT95085	12.5MM DIA, 100 MM L, 400 W, 230V	POA	POA
TUKHT95086	12.5MM DIA, 100MM L, 500 W, 230 V	POA	POA
TUKHT95089	12.5MM DIA, 100 MM L, 1000 W, 230 V	POA	POA
TUKHT95091	12.5MM DIA, 130 MM L, 500 W, 230 V	POA	POA
TUKHT95431	12.5MM DIA, 130 MM L, 1000 W, 230 V	POA	POA
TUKHT95095	12.5MM DIA, 160MM L, 500 W, 230 V	POA	POA
TUKHT95098	12.5MM DIA, 160MM L, 1300 W, 230 V	POA	POA
TUKHT95099	12.5MM DIA, 200 MM L, 700 W, 230 V	POA	POA
TUKHT95100	12.5MM DIA, 200MM, L, 1000 W, 230 V	POA	POA
TUKHT95101	12.5MM DIA, 250MM L, 800 W, 230 V	POA	POA
TUKHT95103	12.5MM DIA, 300MM L, 1000 W, 230 V	POA	POA
TUKHT95105	12.5MM DIA, 300MM L, 2000 W, 230 V	POA	POA
16MM DIAMETER			
TUKHT95106	16MM DIA, 40MM L, 100 W, 230 V	POA	POA
TUKHT95108	16MM DIA, 40MM L, 400 W, 230 V	POA	POA
TUKHT95111	16MM DIA, 50MM L, 400 W, 230 V	POA	POA
TUKHT95116	16MM DIA, 80MM L, 400 W, 230 V	POA	POA
TUKHT95120	16MM DIA, 100MM L, 400 W, 230 V	POA	POA
TUKHT95125	16MM DIA, 100MM L, 1250 W, 230 V	POA	POA
TUKHT95128	16MM DIA, 130MM L, 800 W, 230 V	POA	POA
TUKHT95135	16MM DIA, 250MM L, 1000 W, 230 V	POA	POA
TUKHT95139	16MM DIA, 300MM L, 1250 W, 230 V	POA	POA
TUKHT95144	16MM DIA, 400MM L, 2000 W, 230 V	POA	POA

Cartridge style heating elements continued

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
1/4" DIAMETER			
TUKHT95278	1/4" DIA, 1.0" L, 100 W, 230 V	POA	POA
TUKHT95281	1/4" DIA, 1.5" L, 100 W, 230 V	POA	POA
TUKHT95284	1/4" DIA, 1.5" L, 250 W, 230 V	POA	POA
TUKHT95286	1/4" DIA, 2.0" L, 100 W, 230 V	POA	POA
TUKHT95290	1/4" DIA, 2.0" L, 300 W, 230 V	POA	POA
TUKHT95292	1/4" DIA, 2.5" L, 100 W, 230 V	POA	POA
TUKHT95296	1/4" DIA, 2.5" L, 300 W, 230 V	POA	POA
TUKHT95304	1/4" DIA, 3.0" L, 400 W, 230 V	POA	POA
TUKHT95308	1/4" DIA, 3.5" L, 300 W, 230 V	POA	POA
TUKHT95311	1/4" DIA, 4.0" L, 350 W, 230 V	POA	POA
TUKHT95316	1/4" DIA, 6.0" L, 500 W, 230 V	POA	POA
3/8" DIAMETER			
TUKHT95163	3/8" DIA, 3.0" L, 500 W, 230 V	POA	POA
TUKHT95167	3/8" DIA, 4.0" L, 400 W, 230 V	POA	POA
TUKHT95171	3/8" DIA, 5.0" L, 500 W, 230 V	POA	POA
TUKHT95173	3/8" DIA, 6.0" L, 400 W, 230 V	POA	POA
TUKHT95176	3/8" DIA, 6.0" L, 800 W, 230 V	POA	POA
TUKHT95177	3/8" DIA, 7.0" L, 500 W, 230 V	POA	POA
TUKHT95180	3/8" DIA, 8.0" L, 600 W, 230 V	POA	POA
1/2" DIAMETER			
TUKHT95182	1/2" DIA, 1.5" L, 200 W, 230 V	POA	POA
TUKHT95185	1/2" DIA, 2.0" L, 300 W, 230 V	POA	POA
TUKHT95189	1/2" DIA, 2.5" L, 400 W, 230 V	POA	POA
TUKHT95193	1/2" DIA, 3.0" L, 500 W, 230 V	POA	POA
TUKHT95196	1/2" DIA, 3.5" L, 500 W, 230 V	POA	POA
TUKHT95198	1/2" DIA, 4.0" L, 350 W, 230 V	POA	POA
TUKHT95201	1/2" DIA, 4.0" L, 600 W, 230 V	POA	POA
TUKHT95203	1/2" DIA, 4.0" L, 1000 W, 230 V	POA	POA
TUKHT95207	1/2" DIA, 5.0" L, 900 W, 230 V	POA	POA
TUKHT95211	1/2" DIA, 6.0" L, 850 W, 230 V	POA	POA
TUKHT95215	1/2" DIA, 7.0" L, 800 W, 230 V	POA	POA
TUKHT95218	1/2" DIA, 8.0" L, 1000 W, 230 V	POA	POA

PLEASE CONTACT THE SALES OFFICE TO CHECK STOCK AVAILABILITY

Cartridge style heating elements continued

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
⁵/₈" DIAMETER			
TUKHT95229	⁵ / ₈ " DIA, 2.5" L, 300 W, 230 V	POA	POA
TUKHT95231	⁵ / ₈ " DIA, 3.0" L, 400 W, 230 V	POA	POA
TUKHT95234	⁵ / ₈ " DIA, 4.0" L, 500 W, 230 V	POA	POA
TUKHT95236	⁵ / ₈ " DIA, 4.0" L, 750 W, 230 V	POA	POA
TUKHT95239	⁵ / ₈ " DIA, 5.0" L, 800 W, 230 V	POA	POA
TUKHT95242	⁵ / ₈ " DIA, 6.0" L, 1000 W, 230 V	POA	POA
TUKHT95244	⁵ / ₈ " DIA, 7.0" L, 1000 W, 230 V	POA	POA
TUKHT95248	⁵ / ₈ " DIA, 8.0" L, 2000 W, 230 V	POA	POA
TUKHT95250	⁵ / ₈ " DIA, 10.0" L, 1600 W, 230 V	POA	POA
WITH T/C			
TUKYT95317	6.5MM DIA, 50MM L, 200 W, 230 V	POA	POA
TUKYT95323	6.5MM DIA, 100MM L, 350 W, 230V	POA	POA
TUKYT95328	8MM DIA, 65MM L, 170 W, 230 V	POA	POA
TUKYT95332	8MM DIA, 130MM L, 400 W, 230 V	POA	POA
TUKYT95333	10MM DIA, 40MM L, 200 W, 230 V	POA	POA
TUKYT95336	10MM DIA, 60MM L, 400 W, 230 V	POA	POA
TUKYT95339	10MM DIA, 100MM L, 350W, 230 V	POA	POA

PRODUCTS ALSO AVAILABLE

Immersion cartridge heaters

These cartridge heaters are specially designed to be immersed into semi solid materials or liquids. Fitted with a threaded boss for a water tight seal they make for a very compact stable method of liquid heating. Please call the sales office for further information and price details.



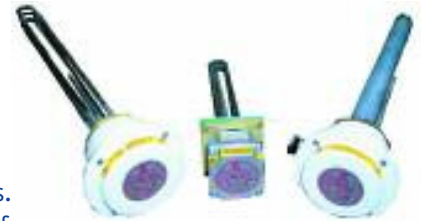
Self limiting PTC heaters

This range of self limiting heaters are available in a standard cartridge style construction, with or without threaded connection. Designed to be used without any form of control these heaters will limit their own temperature based on a changing level of resistance. They are selected to hold at a particular temperature depending on the mass they are heating and the environment. Please contact the sales office for further information.



Screwed industrial immersion heaters

Incoloy 825 sheathed industrial immersion heaters c/w 2¹/₂" bsp boss and enclosure. These heaters are suitable for industrial and commercial applications. Depending on the wiring configuration they can be used with either a single or three phase supply. Each heater is supplied with an adjustable rod thermostat.



FEATURES

INCOLOY 825 ELEMENT
TWO DIFFERENT TERMINAL BOXES HBY (STANDARD), HBE (SMALL)
2¹/₂" BSP BRASS BOSS

SPECIFICATION

ENCLOSURE: IP66, Light weight steel
POWER RATINGS: 3, 6, 9 and 12 kw
SUPPLY VOLTAGE: 230v or 415 dep. on wiring config
ENCLOSURE DIMENSIONS: HBE: 77mm(w) x 77mm(h)
ROD THERMOSTAT: + 5 to + 80°C
ENCLOSURE DIMENSIONS: HBY, 140mm dia x 90mm(h)

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
TUKHBE311A	3KW, 280MM LONG, 240/415V	POA	POA
TUKHBE616A	6KW, 406MM LONG, 240/415V	POA	POA
TUKHBE923A	9KW, 584MM LONG, 240/415V	POA	POA
TUKHBE1233A	12KW, 940MM LONG, 240/415V	POA	POA
TUKHBY311A	3KW WITH LARGER ENCLOSURE	POA	POA
TUKHBY616A	6KW WITH LARGER ENCLOSURE	POA	POA
TUKHBY923A	9KW WITH LARGER ENCLOSURE	POA	POA
TUKHBE1233A	12KW WITH LARGER ENCLOSURE	POA	POA

PRODUCTS ALSO AVAILABLE

Tubular heating elements

A whole range of formed or straight tubular incoloy or titanium elements are available in bespoke designs to customer requirements. Please contact the sales office for further information.



Mini series air heater

The Mini is very compact in line air heater is capable of temperatures of 750°C with airflows from just 25 litres per minute, typically supplied from a regulated, dry, compressed air source.

At just 15mm sheath diameter they can fit into confined spaces applying the heat just where is needed. Accurate, economic control can be achieved using our PID controllers and our fast response thermocouple sensor.



FEATURES

COMPACT SIZE (15MM SHEATH DIAMETER)
 LOW FLOW
 FAST RESPONSE
 HIGH TEMPERATURE 750°C MAX (800W)
 HIGH POWER
 LOW COST
 INTEGRAL THERMAL OVERTEMPERATURE SWITCH

SPECIFICATION

MIN AIRFLOW: 25ltr/min (400W)
 30ltr/min (800W)
 Max 750C exit air temperature (800W)
 600C (400W)
 DIMENSIONS:
 253L x27mm dia (400W)
 308L x27mm dia (800W)
 400W or 800w @230v
 AIR ENTRY: by flexible tube
 AIR EXIT: 15mm dia
 MAX PRESSURE: 2 bar
 MOUNTING THREAD: G1/4 x 8

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
LEI-MINI-400-115.682	Mini Air heater, 400W @ 230v	POA	POA
LEI-MINI-800-115.369	Mini Air heater, 800W @ 230v	POA	POA
Below are items necessary for control, which can be assembled into a control panel if required.			
TLK49-HCOR-T	PID temperature controller, 1/16 Din panel mount controller, Suited to MINI heater range, 100-230V K type T/C, 1 x SSR, 1 x Relay out	POA	POA
SCF42160	Solid state power switching relay, dc control, 90-280v 25 amp max, Chassis mounting	POA	POA
T/C-K-MI-3X100-EXP	Fast response type K thermocouple, 3mm diameter x 100mm long, 1 metre FEP insulated and braided leads	POA	POA

Labo 34 700 air heater

This compact in line air heater is capable of exit temperatures of 650°C with airflows from 100 litres per minute, and can be controlled using our PID controllers. Alternatively the heater can be supplied with integral controller, settable by potentiometer. This version is limited to 600 degrees



FEATURES

- COMPACT SIZE
- LONG LIFE
- FAST RESPONSE
- HIGH TEMPERATURE (650°C MAX)
- HIGH POWER
- LOW COST
- INTEGRAL CONTROL OPTION

SPECIFICATION

MIN AIRFLOW: 100ltr/min
 Max 650 exit air temperature (600c for integral control)
 DIMENSIONS:
 124L x 34Dia max (HTR)
 191L x 63W x 46H HTR+Controller
 800w @230v
 AIR ENTRY: 14mm dia
 AIR EXIT: 21.3 mm dia
 AIR TEMP: @140ltr = 520C

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	10 +
LEI-LAB034	Air heater, 800w @230vac supply	POA	POA
LEI-700	Air heater, 800w @230vac supply, internal temperature control, potentiometer setting	POA	POA
LEI-107.283	Straight flange nozzle, push fit	POA	POA
LEI-107.311	Right angle manifold for heatshrink/moulding (50 x35mm)	POA	POA
LEI-107.145	Nozzle adaptor reduce to 10mm diameter	POA	POA
LEI-107.152	Right angle nozzle adaptor reduce to 10mm diameter	POA	POA
LEI-REM-SP-MOD	Modification to heater control allowing remote temperature setting/ or cascade control, 0-7.5vdc control signal (700 series only)	Add POA	POA

Other accessories available, please call

3,000 series air heater

These powerful, yet compact in line air heaters are capable of exit temperatures of 650 degrees°C and airflows starting from 300 litres per minute. The temperature is controlled using an integral controller, settable by potentiometer. For greater accuracy our PID controllers can also be used by changing the integral potentiometer for a setpoint voltage input modification. Two styles are available, the 3.6/4.4kW version having larger diameter inlet/outlet for higher flow rates and lower back pressure.



FEATURES

- COMPACT SIZE
- LONG LIFE
- FAST RESPONSE
- HIGH TEMPERATURE (650°C MAX)
- HIGH POWER
- HIGH AIRFLOW, LOW BACK PRESSURE
- INTEGRAL CONTROL OPTION
- SINGLE OR 3 PHASE SUPPLY
- REMOTE CONTROL OPTION

SPECIFICATION

MIN AIRFLOW: 300ltr/min
 350 ltr/min for 3300 series
 Max 650 exit air temperature (600c for 3300 series)

DIMENSIONS:

- 225L x 70W x 58H 3.3kW
- 225L x 90W x 85H 3.6kW
- 225L x 90W x 85H 4.4kW
- 3300w @230v 3000 series
- 2200w @110v 3000series
- 3600w @230v 3300 series
- 4400w @400v 3300 series

AIR ENTRY: 19.5mm dia, Air exit 22mm dia
 AIR ENTRY: 19.5mm dia, Air exit 22mm dia
 AIR ENTRY: 38.5mm dia, Air exit 30mm dia
 AIR ENTRY: 38.5mm dia, Air exit 30mm dia

PART CODES	DESCRIPTION	PRICE (£)	
		1 – 9	10 +
LEI-3000-101.426	Air Heater 3.3kW @ 230v 19.5 entry, 22mm exit, integral temperature control	POA	POA
LEI-3000-101.436	Air Heater 2.2kW @ 110v 19.5 entry, 22mm exit, integral temperature control	POA	POA
LEI-3300-101.796	Air Heater 3.6kW @ 230v 38.5 entry, 30mm exit, integral temperature control	POA	POA
LEI-3300-101.806	Air Heater 4.4kW @ 400v 38.5 entry, 30mm exit, integral temperature control	POA	POA
LEI-107.250	Push fit flanged nozzle (3000 series)	POA	POA
LEI-107.254	Push fit flanged nozzle (3300 series)	POA	POA
LEI-107-251	Extension tube 210 x 36.5mm (3000 series)	POA	POA
LEI-107.255	Extension tube 160 x 36.5mm (3300 series)	POA	POA
LEI-107.261	Wide slot nozzle 70 x 4mm (3000 series)	POA	POA
LEI-107.270	Wide slot nozzle 150 x 12mm (3300 series)	POA	POA
LEI-107.003	Right angle 12mm nozzle (3000 series)	POA	POA
LEI-107.256	Right angle 50mm nozzle (3300 series)	POA	POA
LEI-107.308	Right angle manifold for heatshrink/ moulding or similar (50 x34mm) (3000 series)	POA	POA
LEI-107.331	Hinged right angle manifold for heatshrink/ moulding or similar (70dia x 70mm) (3300 series)	POA	POA
LEI-REM-SP-MOD	Modification to heater control allowing remote temperature setting/ or cascade control.0-7.5vdc control signal	POA POA	POA

5,000 and 10,000 series air heater

The 5,000 and 10,000 in line air heaters pack up to 15kW in dimensions of just 144mm diameter by 308mm long and are capable of exit temperatures of 700°C, depending on the version. The temperature is controlled using an integral controller, settable by potentiometer, but for greater accuracy our PID controllers can also be used by specifying the integral potentiometer for a setpoint voltage input modification. Two styles are available, the 3 phase 10,000 version having larger diameter inlet/outlet for higher flow rates and lower back pressure.



FEATURES

- UP TO 15KW
- LONG LIFE
- FAST RESPONSE
- HIGH TEMPERATURE (700°C MAX)
- HIGH POWER
- HIGH AIRFLOW, LOW BACK PRESSURE
- INTEGRAL TEMPERATURE CONTROL
- SINGLE OR 3 PHASE SUPPLY
- SETPOINT VOLTAGE CONTROL OPTION

SPECIFICATION

MAX EXIT AIR TEMP: 700C 5000 series, 650C for 10, 000 series
 Remote setpoint control, 0-7.5vdc = 0-100%
 DIMENSIONS:
 316L x 108mm Dia, 5000 series
 308L x 144mm Dia, 10, 000 series
 5000 series (Single Phase)
 7.5-10kW @380/440va, 4.0kW @ 230v
 10, 000 series (3 Phase)
 10-13.5kW @380/440a, 15kW @400vac
 AIR ENTRY: 38mm dia, Air exit 62mm dia
 AIR ENTRY: 60mm dia, Air exit 92mm dia
 MINIMUM AIRFLOW:
 800-1000 ltr/min, 400 ltr/min
 1000-1500 ltr/min, 1750 ltr/min

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	5 +
LEI-5000-102.156	Air Heater 4.0kW @ 230v single phase	POA	POA
LEI-5000-102.174	Air Heater 7.5-10kW @380-440vac single phase	POA	POA
LEI-10000-102.760	Air Heater 10-13.5kW @ 380-440vac 3 Phase	POA	POA
LEI-10000-110-568	Air Heater 15kW @ 400vac 3 Phase	POA	POA
LEI-107.246	Push fit flanged nozzle (5000 series)	POA	POA
LEI-107.275	Push fit flanged nozzle (10000 series)	POA	POA
LEI-107-251	Extension tube 200 x 40mm (5000 series)	POA	POA
LEI-107.273	Extension tube 60 x 500mm(10000 series)	POA	POA
LEI-107.262	Wide slot nozzle 300 x 4mm (5000 series)	POA	POA
LEI-107.272	Wide slot nozzle 300 x 12mm (10000 series)	POA	POA
LEI-107.265	Right angle nozzle (5000 series)	POA	POA
LEI-107.269	Right angle nozzle (10000 series)	POA	POA
LEI-REM-SP-MOD	Modification to heater control allowing remote temperature setting/ or cascade control.0-7.5vdc control signal	POA POA	POA

5,000 and 10,000 hi-temp series air heater

The high temperature version of the 5,000 and 10,000 in line air heaters can heat to 900°C and pack up to 15kW in dimensions of just 144mm diameter by 402mm long. Two powers are available, 11kW and 15kW the latter version having larger diameter inlet/outlet for higher flow rates and lower back pressure. Temperature control has to be by high level PID incorporating airflow sensing to prevent element damage. Our TLK43 Controller is a suitable starting point.



FEATURES

- UP TO 15KW
- LONG LIFE
- FAST RESPONSE
- HIGH TEMPERATURE, 900°C MAX
- HIGH POWER
- HIGH AIRFLOW, LOW BACK PRESSURE
- 3 PHASE SUPPLY

SPECIFICATION

- MAX EXIT AIR TEMP: 900
- 3 Phase 400v supply required
- DIMENSIONS:
- 374L x 108mm Dia, 5000HT series
- 402L x 144mm Dia, 10, 000HT series
- 5000HT series
- 11kW @400vac
- 10, 000HT series
- 15kW @400vac
- AIR ENTRY: 38mm dia, Air exit 62mm dia
- AIR ENTRY: 60mm dia, Air exit 92mm dia
- MINIMUM AIRFLOW:
- 1000 ltr/min
- 1050 Ltr/min

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	5 +
LEI-5000HT-108.717	Air Heater 11kW @ 400v 3 phase	POA	POA
LEI-10000HT-110.568	Air Heater 15kW @ 400v 3 Phase	POA	POA
LEI-107.246	Push fit flanged nozzle (5000 series)	POA	POA
LEI-107.275	Push fit flanged nozzle (10000 series)	POA	POA
LEI-107-251	Extension tube 200 x 40mm (5000 series)	POA	POA
LEI-107.273	Extension tube 60 x 500mm(10000 series)	POA	POA
LEI-107.262	Wide slot nozzle 300 x 4mm (5000 series)	POA	POA
LEI-107.272	Wide slot nozzle 300 x 12mm (10000 series)	POA	POA
LEI-107.265	Right angle nozzle (5000 series)	POA	POA
LEI-107.269	Right angle nozzle (10000 series)	POA	POA

Mistral heater with blower

This heater with integral blower is rated for continuous running up to 650°C. It can be fixed in place or a hand held device and the temperature is adjustable through potentiometer. Digital PID control can be added using our instruments if required.



FEATURES

INTEGRAL BLOWER (FAN)
 ADJUSTABLE 20- 650°C
 FIXED OR HAND HELD
 CONTINUOUSLY RATED
 LARGE FLOW
 COMPACT SIZE
 LIGHT WEIGHT
 LOTS OF ACCESSORIES
 LOW COST

SPECIFICATION

500 ltr/minute flow
 30mbar static pressure
 Over-temperature protection
 2300/3400W @ 230vac
 20-650°C
 50mm air exit
 3 m cable
 320 x 95 dia ma

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	5 +
LEI-117.840	Air heater + Fan 2300w @ 230vac	POA	POA
LEI-117.839	Air heater + Fan 3400w @ 230vac	POA	POA
Accessories	Please call sales for further information nozzles and manifolds		

PLEASE CONTACT THE SALES OFFICE TO CHECK STOCK AVAILABILITY

Hotwind S heater with blower

This heater with integral blower is rated for continuous running up to 800°C. It can be fixed in place or a hand held device and the temperature is adjustable through potentiometer. Digital PID control can be added using our instruments if required.



FEATURES

INTEGRAL BLOWER (FAN)
 ADJUSTABLE 20- 800°C
 FIXED OR HAND HELD
 CONTINUOUSLY RATED
 LARGE FLOW
 COMPACT SIZE
 LIGHT WEIGHT
 LOTS OF ACCESSORIES
 LOW COST

SPECIFICATION

600ltr/minute flow (3 phase)
 350ltr/minute (230Vac)
 200mbar static pressure
 Over-temperature protection
 3100W@230vac
 5400W@440vac
 20-800°C
 20-620°C
 Outlet Dia 62mm
 3 m cable
 350L x 172W x 99H

PART CODES	DESCRIPTION	PRICE (£)	
		1 - 9	5 +
LEI-102.602	Air heater + Fan 3100w @ 230vac	POA	POA
LEI-102.605	Air heater + Fan 5400w @ 440vac	POA	POA
Accessories	Please call sales for further information On nozzles and manifolds		