

CAST IN HEATERS

Teltech has developed aluminum, brass and bronze cast-in heaters in a variety of standard designs and style. Tubular heaters are the heat source of cast-in heater.

Applications:

- Extruders.
- Blow moulding.
- Heat sealers.
- Silk screening, etc



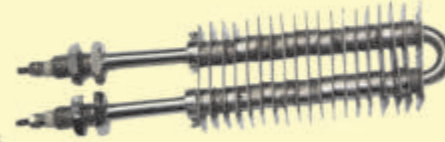
Part No. TL/CI/5048 Series

AIR HEATERS

TELTECH is manufacturing high density and heavy duty tubular air heaters suitable for all industrial and domestic applications. These heaters can be supplied in any shape and sizes. For special applications it can be supplied with Fins.

Applications:

- Duct heating
- Space heating
- Air heating
- De humidifying dryers



Part No. TL/AH/5049 Series

IMMERSION HEATERS

Teltech immersion heaters are specially designed for heating fluid in tanks, depending on tank shape and size, accessibility and working area inside the tank. It can be in round shape, L-shape, threaded model and it can also be supplied with flange.

Applications:

- Water
- Highly Corrosive Liquids
- Chemicals
- Plating
- Oil
- Dyeing etc.
- Gas

Sizes as per requirement



Part No.

TL/WA/5050

TL/WA/5051

TL/WA/5052

THERMOCOUPLES

Teltech offers you one of the most complete quality engineered and manufactured thermocouple and RTD selections along with related sensor accessories such as metal sheathed mineral insulated thermocouple cable (MI), Thermowell, Jack panels & Insulated thermocouple & Extension wires etc.



BAKING OVENS



Incorporating all the latest design principles for great baking, safety, economy and long lasting reliability, Teltech Rack Ovens are ideal for industrial baking such as varnish baking, paint baking, etc. A gentle airflow and energy efficient design provides you with the highest quality baking and years of low cost operation. Our ovens meet the highest standards in quality, reliability, consistency and durability to the industries.

INDUSTRIAL FURNACES

Teltech manufactures a wide range of Furnaces, Ovens and Temperature equipments. Furnaces include Melting, Holding, Forging, Heat Treatment, Normalizing, Saltbath, rotary and Sklenar types. Our ovens serve the purpose of Powder Coating, Heat Treatment and Annealing. The furnaces are designed to work electrically or with oil/gas. With our sophisticated machinery and skilled employees we have been able to maximize customer satisfaction by meeting their exceeding requirements and specifications



Note: Due to our continuous innovations and technological advancements, the Models and designs may change without prior notice.

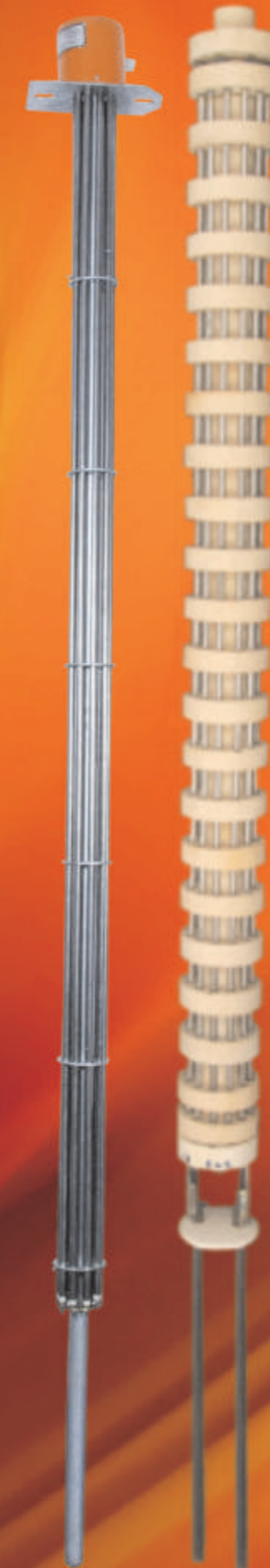
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Multi Range of Industrial Heaters



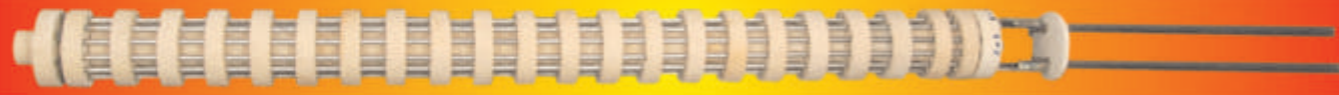
APPLICATIONS:

- Domestic
- Automobile
- Vacuum Equipments
- Heat Treatment Equipments
- Injection Moulding
- Plastic Extruders
- Hydraulic Presses
- Chemical
- Pharmaceutical
- Packaging



Teltech, with a dedicated and continuous research in the thermal technology for the past 30 years, has developed innovative and import substitutes of several products to meet the requirement of industries and research labs.

RADIANT HEATERS (BUNDLE ROD HEATERS)



The heavy duty radiant heaters are designed to use in continuous furnaces like sealed quench furnace, ammonia crackers, ovens, heater banks etc.

Features:

- Can be mounted vertically or horizontally
- Elements enclosed in radiant tubes
- Long life
- Reliability

Part No. TL/SQF/RH-5045 Series

CORRUGATED PACKING MACHINES HEATERS (BUNDLE HEATERS)



Teltech has designed high speed and long life bundle heaters to be used in Corrugated Paper Machines. In standard model, the outer diameter will be of 10.8 mm OD, which gives a longer life to the elements. High Speed Model is available in 9 KW.

Part No.	Dia (mm)	Length (inches)	KW	Volt (V)	Max. Temp. (0°C)
TL/BH/5026	72	54	6	440	400
TL/BH/5027	72	72	9	440	400
TL/BH/5028	72	84	12	440	400
TL/BH/5029	72	96	15	440	400

QUARTZ TUBE HEATERS



Infrared Thermal Technology is very efficient and cost effective and is used in many products. The fast transmission of infrared energy from quartz tubes and halogen lamps can be a perfect match between production speed and cost control.

Features:

- Good radiant efficiency upto 79%
- Very rapid heat-up / cool-down time, 30 to 60 seconds
- Low power consumption

Part No.	Dia (mm)	Length (mm)	Watts (W)	Volt (V)
TL/QTH/5030	12	300	500	230
TL/QTH/5031	12	450	1000	230
TL/QTH/5032	12	620	2000	230/440
TL/QTH/5033	14	300	500	230
TL/QTH/5034	14	450	1000	230
TL/QTH/5035	14	620	1500	230
TL/QTH/5036	14	1000	2000	230/440
TL/QTH/5037	14	1200	2000	230/440
TL/QTH/5038	14	2000	2500	230/440
TL/QTH/5039	14	2500	3000	230/440

COILED HEATERS

The basic construction of these heaters consist of compacted MgO, high temperature resistance wire and Chrome Nickel Steel tube. These heaters can be constructed with or without built in thermocouples. They are usually installed where space available for heating is limited and are widely used on hot runner nozzles, and manifolds, die cast nozzles, packaging machines etc.

Part No.	ID (mm)	Length (mm)	Watts (W)	Cable Length (M)	Thermocouple
TL/CH/5040	12.7	20	125	1 - 2	Built in
TL/CH/5041	24.6	120	450	1 - 2	Built in
TL/CH/5042	22	40	470	1 - 2	Built in
TL/CH/5043	22	70	625	1 - 2	Built in
TL/CH/5044	30	30	470	1 - 2	Built in

APPLICATIONS

- Tube extrusion
- Pipe forming



INFRA RED CERAMIC HEATERS

Ceramic Infra Red Heaters are embedded with resistance wire in a glazed ceramic body. The elements are generally shaped either curved or flat. Other shapes can also be manufactured. Thermocouple can be embedded in the heater. These heaters are recommended to be used with reflectors and fixing holders.



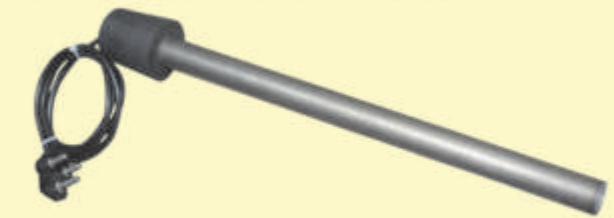
Part No.	Length (mm)	Width (mm)	Volt (V)	Watts (W)
TL/IRC/5017	120 mm	60 mm	220	350
TL/IRC/5018	120 mm	60 mm	220	500
TL/IRC/5019	245 mm	60 mm	220	350
TL/IRC/5020	245 mm	60 mm	220	1000
TL/IRC/5021	120 mm	120 mm	220	500/1000

Features:

- Radiant efficiency upto 96%
- Ultimate zoning flexibility
- Heat up-cool down time, 1.5 to 5.5 mins

TITANIUM TUBE HEATERS

Teltech has developed titanium tube heaters for bright nickel, hardchrome, nitrobenzenes, sulphuric acid, chlorides and sulphates etc. These heaters replace the conventional glass heaters which will be economical in long run



Part No. TL/TI/5046 Series

SILICA CASED IMMERSION HEATERS



We hold expertise in manufacturing and supplying Silica Cased Immersion Heaters that are made up of supreme quality Silica tube. These immersion heaters are also provided with a heat resistant rubber cap as well as connecting cable. In addition, we also provide these with cold zone as per the customers' demand.

Part No.	Length (mm)	Volt (V)	Watts (W)
TL/SC/5022	450	230	450
TL/SC/5023	600	230	600
TL/SC/5024	750	230	750
TL/SC/5025	900	230	900

Applications:

Used in acid, bright dip baths and ferric chloride etching baths.

FLAME PROOF HEATERS

TELTECH's Flame proof heaters are widely accepted by the gas plants, oil industries and other highly inflammable locations.

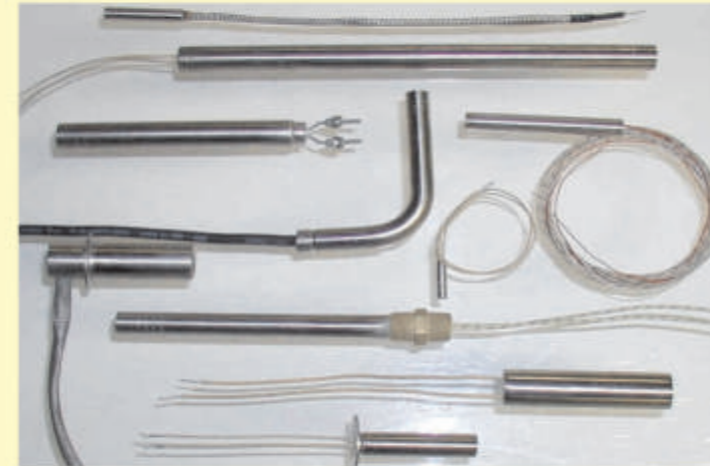
This is a customized product and will be manufactured and supplied as per customers' specification and drawings. Standard mountings are Flange/Thread.

Part No. TL/FP/5047 Series



HIGH DENSITY CARTRIDGE HEATERS

Teltech High Density cartridge heaters are designed to operate at Sheath Surface Temperature upto 900°C. When the process Temperature approach the maximum Sheath temperature, make sure that the sheath temperature does not exceed its limitation. These heaters are recommended to be used with thyristorised controllers and thermocouples to get longer life. The standard sizes available are



High Density Cartridge Heater upto 900°C

Part No.	Dia (mm)	Length (mm)	Watts (W)	Volt (V)
TL/HDC/5001	8	50	250	230
TL/HDC/5002	9.5	75	300	230
TL/HDC/5003	12	80	400	230
TL/HDC/5004	12.7	100	500	230
TL/HDC/5005	14	150	500	230
TL/HDC/5006	16	200	600	230
TL/HDC/5007	17	300	1000	230
TL/HDC/5008	19	600	2500	230

Low Density Cartridge Heater upto 500°C

Part No.	Dia (mm)	Length (mm)	Watts (W)	Volt (V)
TL/LDC/5009	8	50	50	110/230
TL/LDC/5010	9.5	75	70	110/230
TL/LDC/5011	12	80	80	110/230
TL/LDC/5012	14	150	160	110/230
TL/LDC/5013	16	200	200	110/230
TL/LDC/5014	18	300	600	110/230
TL/LDC/5015	19	300	800	110/230
TL/LDC/5016	25	300	1000	110/230

Applications:

- Plastic extruder • Molds and Dies • Shoe machinery • Food processing • Heating glass & liquid