

# 5T & T5T Series

## PRODUCT DATA SHEET

### Screw Plug Heater

#### Durable, efficient chemical heater

For use in most aqueous alkaline solutions and rinse tanks

Heavy wall metal sheaths and screwplug in 316 stainless steel & titanium

Vapor tight, flame retardant PVC enclosure

Grounded construction



Up to 82°C (180°F)



2,000 watts to 18,000 watts



240 or 480 Volts  
208, 380, 415, 600 and other voltages available



Steel, 304 stainless steel, 316 stainless steel and titanium.

#### 5T SERIES, 2-1/2" (STAINLESS STEEL) SCREW PLUG HEATERS

WATTS	VOLTS	OVERALL LENGTH In./(mm)	PIPE THREAD	NO. OF ELEMENTS	MODEL NUMBER	SHIP WGT. Lbs./kg
4500	240	12	2-1/2	3	5T4.5212	7
	480	(305)			5T4.5412	(3.5)
6000	240	18	2-1/2	3	5T6218	8
	480	(458)			5T6418	(4)
9000	240	25	2-1/2	3	5T9225	9
	480	(635)			5T9425	(4.5)
12000	240	32	2-1/2	3	5T12232	10
	480	(813)			5T12432	(4.5)
15000	240	40	2-1/2	3	5T15240	12
	480	(1016)			5T15440	(5.5)
18000	240	48	2-1/2	3	5T18248	15
	480	(1220)			5T18448	(7)

#### T5T SERIES, 2-1/2" (TITANIUM) SCREW PLUG HEATERS

WATTS	VOLTS	OVERALL LENGTH In./(mm)	PIPE THREAD	NO. OF ELEMENTS	MODEL NUMBER	SHIP WGT. Lbs./kg
6000	240	18	2-1/2	3	T5T6218	6
	480	(460)			T5T6418	(3)
9000	240	25	2-1/2	3	T5T9225	7
	480	(635)			T5T9425	(3.5)
12000	240	32	2-1/2	3	T5T12232	8
	480	(815)			T5T12432	(4)
18000	240	48	2-1/2	3	T5T18248	13
	480	(1220)			T5T18448	(6)

Single phase standard

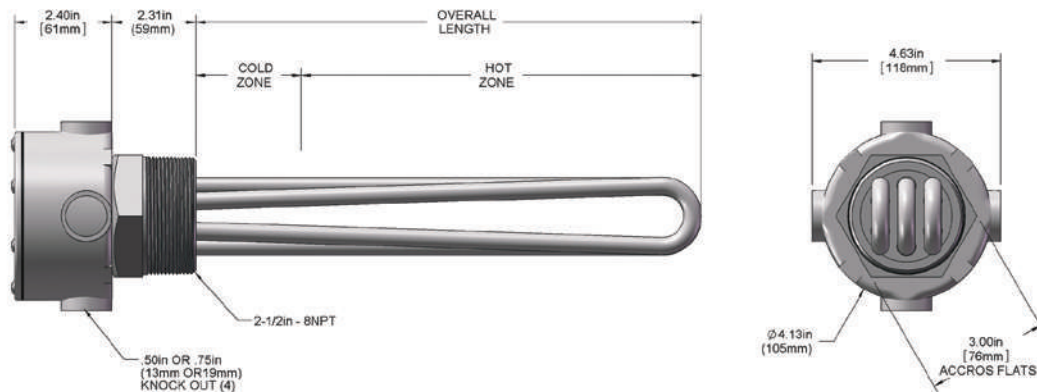
## Features & Values

- For use in most aqueous alkaline solutions and rinse tanks. Check solution recommendation chart with your chemical supplier for proper sheath material selection
- Heavy wall metal sheaths and screwplug in 316 stainless steel and titanium
- Watt densities up to 45-55 watts per square inch for 316 Stainless steel and <60 watts per square inch for titanium ensure long life service
- Vapor tight, flame retardant PVC enclosure
- Temperature and level controls sized to match the heater
- Lower watt densities for highly viscous solutions

## Specifications

<b>Wattages</b>	2,000 to 18,000 Watts
<b>Voltages</b>	240 or 480 Volts 208, 380, 415, 600 and other voltages available
<b>Temperature Range</b>	Up to 180°C (82°F)
<b>Options</b>	<ul style="list-style-type: none"> <li>▫ Special configurations and lengths</li> <li>▫ Thermowells</li> <li>▫ Explosion resistant enclosures</li> <li>▫ Carbon steel or incoloy elements</li> <li>▫ Integral thermostats</li> </ul>
<b>Safety Features</b>	<ul style="list-style-type: none"> <li>▫ Grounded construction</li> </ul>

## Dimensions



## Model Number Breakdown

5T	6	4	25	
Series	Wattage	Voltage	Overall Length	Phase
5T = 316 stainless steel	4.5 = 4500	2 = 240	12 = 4.5kW	no designator = three phase power (standard)
INST = incoloy	6 = 6000	4 = 480	13 = 6kW	-1 = single phase power
T5T = titanium	9 = 9000	-208- = 208	17 = 6kW	-M2 = explosion/moisture resistant housing
	12 = 12000	-380- = 380	23 = 9kW	-W = thermowell
	15 = 15000	-415- = 415	25 = 9kW	-T2 = integral thermostat
	18 = 18000	-600- = 600	28 = 12kW	-X = any special configuration not called out
		7 = 400	32 = 12kW	
		8 = 208	38 = 18kW	
		9 = 220	40 = 15kW	
		0 = 200	48 = 18kW	