

5T & T5T Series

PRODUCT DATA SHEET

Screw Plug Heater

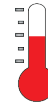
Durable, efficient chemical heater

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

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ISO 9001:2015
WITH DESIGN CERTIFIED

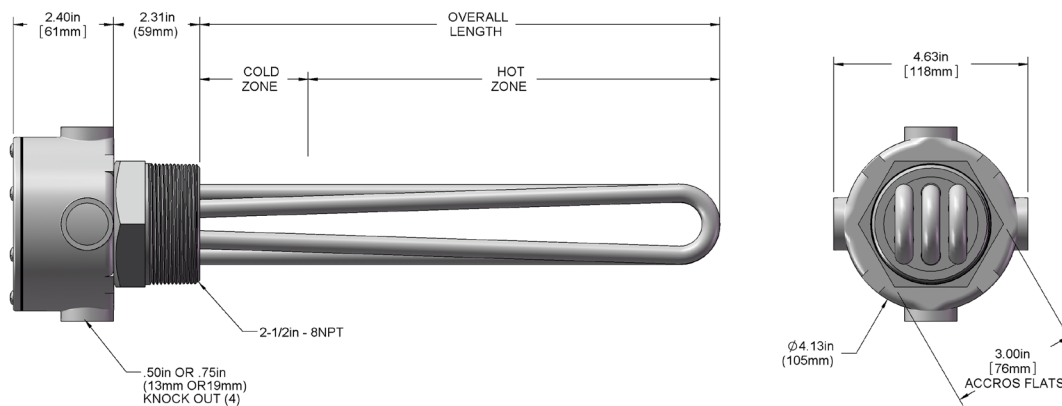
Features & Values

- 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

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

Dimensions



Model Number Breakdown

Series	Wattage	Voltage	Overall Length	Phase
5T = 316 stainless steel	4.5 = 4500	2 = 240	12 = 4.5kW	no designator = three phase power (standard)
IN5T = 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	

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