

5T & T5T Series

PRODUCT DATA SHEET

Screw Plug Heater

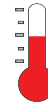
Durable, efficient chemical heater

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

**PROCESS
TECHNOLOGY**

ISO 9001:2015
WITH DESIGN CERTIFIED

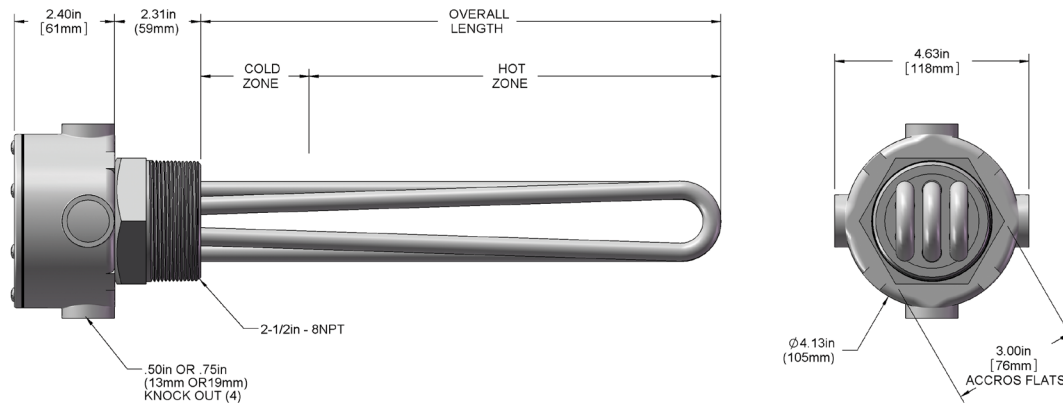
Features & Values

- 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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