

VERSALINE 500 IN-LINE HEATER

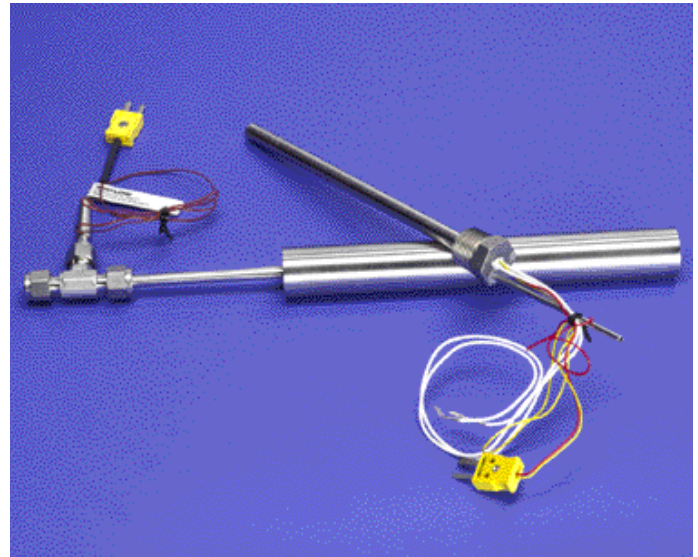
Watlow's New Circulation Heater Offers Versatility and High Watt Densities in a Compact Package

VERSALINE 500 is Watlow's new value-added chamber assembly for in-line heating applications. This heating package is ideal for situations where a high watt density circulation heater is required but space is limited. All the necessary components, including a FIREROD® heater, inlet/outlet lines, thermocouple and tubing, are presented in a compact package.

The size, features and wattage of the VERSALINE 500 can be customized to fit the needs of the application. The assembly is also proven for various applications with flow rates ranging from 0.028 to 0.368 CMM (one to 13 CFM) including applications currently using VERSALINE.

Applications

- Analytical fluid warming
- Medical equipment
 - Dialysis machines
- Gas in-line heating
 - Nitrogen
 - Air



Features and Benefits

Integrated thermocouple and enclosure

- Allows easy installation and use
- Eliminates additional parts and wiring
- Includes high limit internal sensor

High performance FIREROD® is used as heat source

- FIREROD® is agency approved
- Proven performance in air and liquid applications
- Stock units available for faster lead times

Ideal solution for space-restricted applications

- Chamber is constructed from a standard pipe surrounding the heater
- Allows assembly to be placed in smaller vessels
- Operational to 80 PSI*
- Versatile assembly options
- Inlets/outlets can be located according to customer specifications
- Chamber diameter and length can be varied according to application requirements
- Cost-effective assembly
- Replaceable heater
- Replaceable process thermocouple



STL-V500-0203

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***Not all options are available for all application requirements.**



Specifications

Chamber specifications

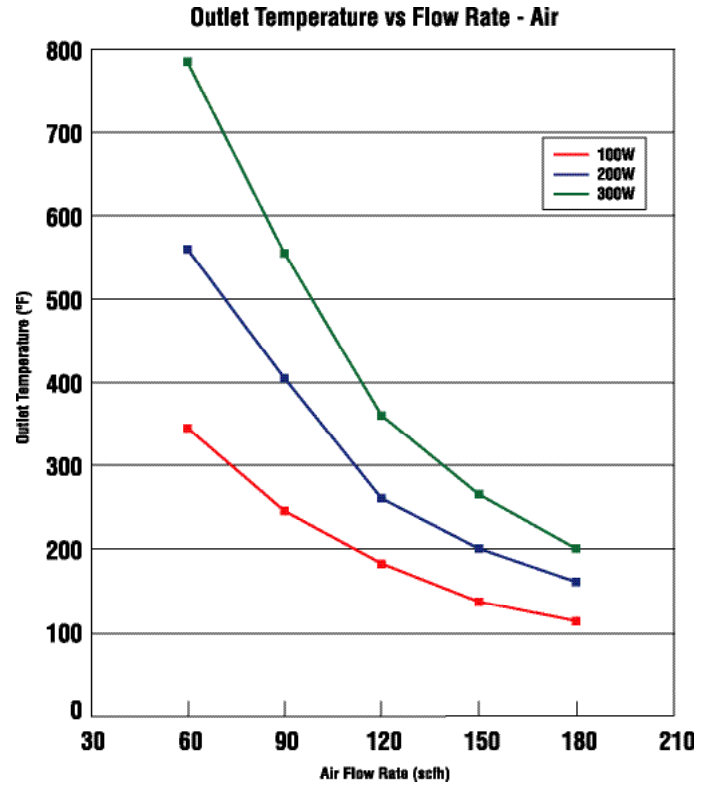
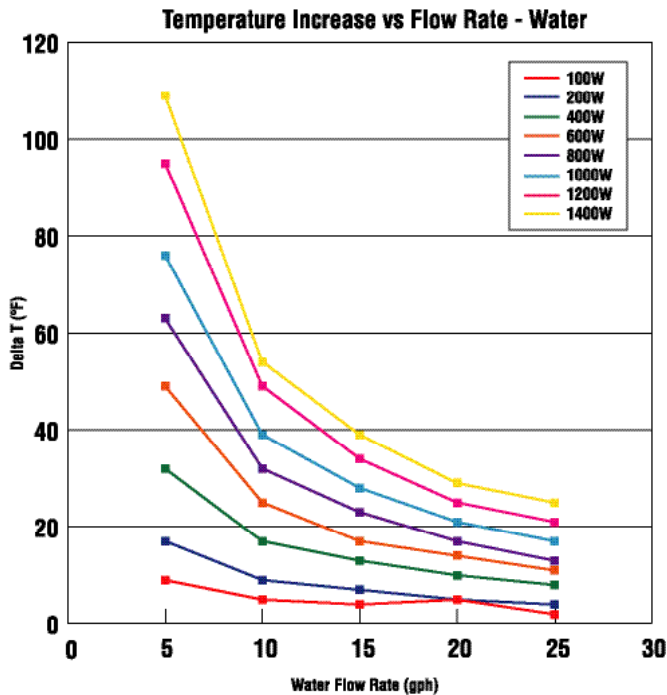
- 19 to 76.2 mm (0.75 to 3 in.) O.D.
- 101.6 mm (4 in.) minimum length
- Incoloy®, 304SS, 316SS
- 3.18 mm (0.125 in.), 9.53 mm (0.375 in.), inlet/outlet size (standard, other sizes available)

Heater Specifications

- Up to 480V, 3 phase
- Up to 9kW
- Up to 45 amps
- Up to 1016 W/cm² (400 W/in²)
- FIREROD® maximum operating temperature 760°C (1400°F)

Options

- Sheath finish passivated, electropolished
- Process thermocouple
- High limit thermocouple
- Lead protection
- Chamber insulation
- Plugs
- Varied sizes of inlets and outlets



Please be advised that these graphs only represent one version of this product (the photo on the front). The biggest selling feature to VERSALINE is its flexibility in size, wattage and options to fit a wide variety of applications. Please contact 1-800-4WATLOW for inquiries.

Incoloy® is a registered trademark of the Special Metals Corporation.

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