



Aries™ Solvent Heater



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### Safe Heating for Flammable Fluids

Heateflex Aries Solvent Heater is designed to safely and effectively heat most solvents and non-flammable gases. The Aries is constructed using 316 stainless steel tubing cast in aluminum and a patented hermetically sealed electrical connection. This provides fluid cleanliness and ensures safety is properly met. A cooling flow path is added to remove residual heat and reduce temperature when final process is complete. Tested and certified to UL standards, the Aries provides a safe and effective means of heating thermally-sensitive fluids.

#### HIGH-PURITY DESIGN

- 100% 316L Stainless Steel Wetted Surfaces
- Heats Thermally-Sensitive Solvents and Gases

#### SAFE AND NON-INVASIVE HEATING

- Cast Aluminum Embedded heater and process tubes
- ETL Compliance with UL449 and UL823 standards

#### PATENTED DESIGN FOR ISOLATING SENSORS

- Increased Protection of wires and sensors from fumes

#### COOLING FLOW PATH

- Removes Heat from core when process is completed

#### MULTIPLE KW OUTPUTS

- Over 16 Different kW with modifications can be provided on same unit

#### FACILITY DATA

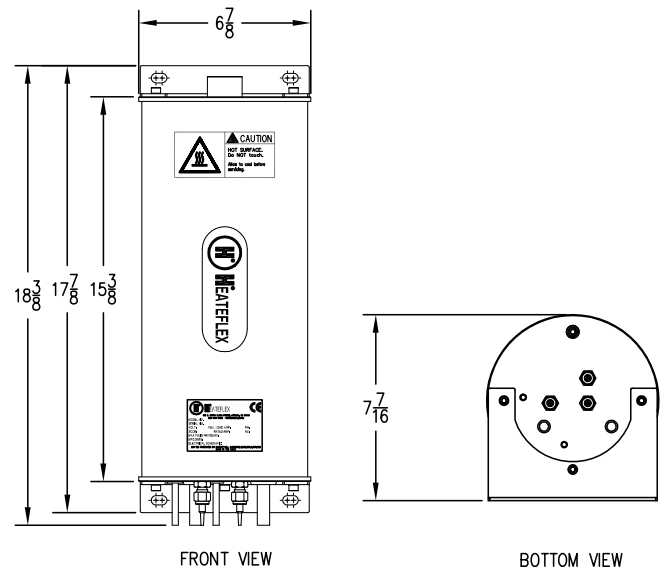
POWER	2.5 - 9.0kW (dependent on voltage)
VOLTAGE	208 - 480 VAC, 1 & 3-phase (dependent on power)
WETTED SURFACE	316L SS, Electropolished
INPUT/OUTPUT	1/2" Tube
TEMP. RANGE	-195°C to 175°C
PRESSURE RANGE	0 - 3,200 PSI

## SAFETY FEATURES

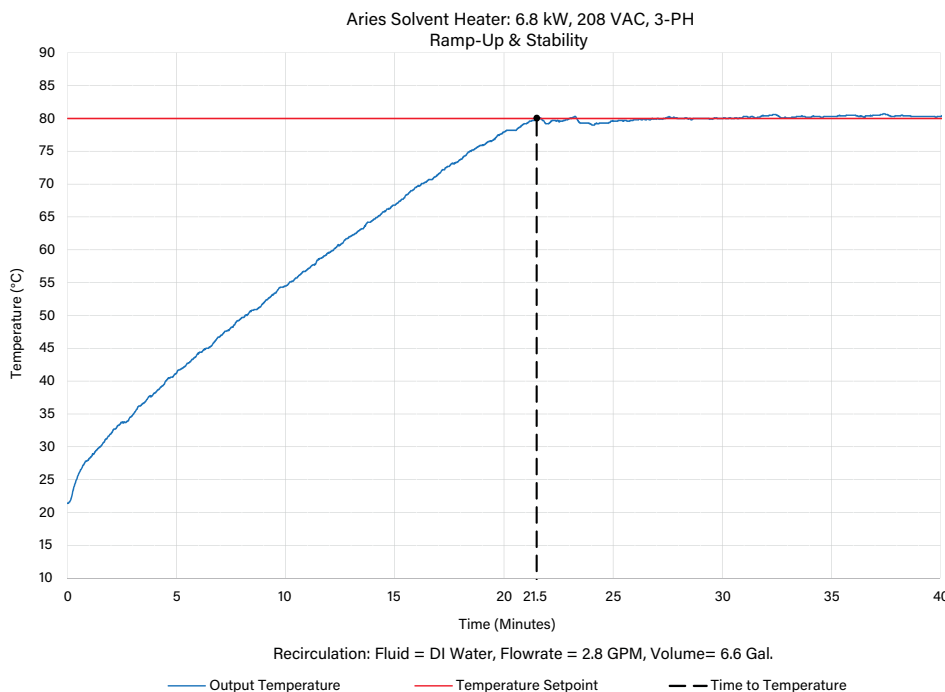
- **Over-Temperature Thermocouple** regulates heater temperature by limiting amount of heat produced
- **Heater Core Thermocouple** ensures fluid temperature is accurately maintained
- **Thermal Cut-Off** ensures heater does not exceed temperature range to prevent overheating
- **Ground Wire Protection** for both user and heater
- **Insulated Housing** for reduced surface temperature

## OPTIONAL FEATURES

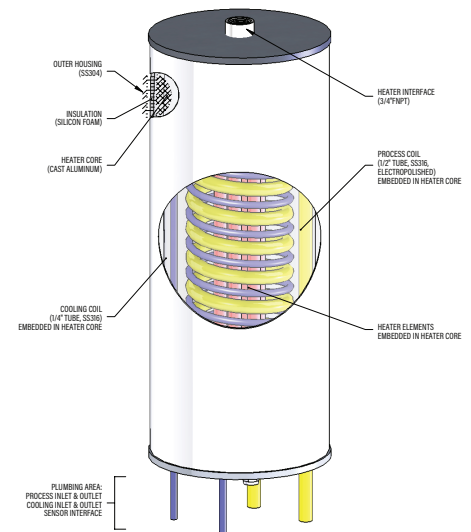
- **Temperature Controller** in a "plug and play" design to provide precise fluid temperature
- **Multiple Fittings** to meet your system requirements
- **Handle and Cap** can be added to housing for added support and protection



Dimensions



Heater Ramp-Up Graph



Internal Design



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