







## Lufran Chemical Series Heater

Featuring the fusion of two successful products, the Lufran Chemical Series offers the safe heating capabilities of Frontier (inline chemical heater) in a complete turn-key heating system. With stainless steel wetted materials this heater is suitable for either single pass or recirculating applications for heating a variety of chemicals. Offers outstanding performance over a wide range of flow and temperature requirements. A complete high wattage turn-key heating solution.



 Temperature: Up to 180°C	 Pressure: Up to 689 kPa (100 psig)			
 Watts: 36kW thru 108kW	 Certifications: UL499 compliant, SEMI S2/S3 and CE certification (pending)			
 Volts: 208 to 600 V, single or three phase				
 Compatibility				
<input checked="" type="checkbox"/> NO acids	<input checked="" type="checkbox"/> YES water	<input checked="" type="checkbox"/> YES bases	<input checked="" type="checkbox"/> NO solvents	<input checked="" type="checkbox"/> NO gases

### NEW!

#### FEATURES

##### Complete (turn-key) System

- Only plumbing and main power required
- Allows for fast and easy installation
- Space saving design minimizes footprint requirements

##### Suitable for Chemical Heating

- Indirect heating provides an evenly heated surface
- Low watt density design reduces surface temperatures and hot spots
- Improves chemical longevity and performance for temperature-sensitive chemicals

##### Designed for Performance

- More available heating power than other inline chemical heaters
- Lower mass faster response time
- Minimizes fluid pressure drop even at very high flow rates (>60 LPM)
- Crevice-free design eliminates dead-zones

##### PID Temperature Control

- Provides precise and stable temperature for improved process consistency and yields
- Minimizes temperature fluctuations with flow rate changes

#### APPLICATIONS

- Solar/Photovoltaic
- Medical Device Cleaning
- Semiconductor
- Electroless Nickle Plating