



## Inline Chemical/Solvent Heater

# Frontier

***Safely heat process solvents through indirect contact instead of direct immersion.***

### Frontier Features and Benefits

Process Technology proudly introduces our next generation inline chemical/solvent heater. The heater delivers superior temperature stability and offers outstanding performance over a wide range of flow and temperature requirements.

**APPLICATIONS FOR HEATING INCLUDE, BUT ARE NOT LIMITED TO:**

**EKC265      EKC8730      ST28    ST26**  
**EKC270      ACT690C      MEK    NMP**

**SPECIFICATIONS:** Service inline stainless steel heater for heating solvents, single pass or recirculating.

**CONSTRUCTION:** Electropolished 316L stainless steel, PFA and PTFE wetted surfaces, fluid pathway through manifold tubing oriented in a patented circular array.

**TEMPERATURE RANGE:** Up to 180°C (356°)

**FLUID CONNECTIONS:** 1/2 inch (12mm), 3/4 inch

(19mm) or 1 inch (25mm) tube stubs (custom connections available).

**PRESSURE RANGE:** Up to 100 PSIG (689 kPa)

**VOLTAGES:** 120-600V, single or three phase.

**STANDARD WATTAGES:** 3, 6, 9, 12, 18, 24, 36 kW.

**CERTIFICATIONS:** UL823, UL499, CSA22.2, & CE. Rated for Class I, Division 2 hazardous locations.

**SAFETY FEATURES:** In lieu of direct immersion, the Frontier™ safely heats process solvents through indirect contact. Standard features include:

- Grounded metal construction
- Multiple element thermocouples
- Insulated housing
- Hermetically sealed high limit thermal cutoff device (TCO)



| Wattage | L - Length |      |
|---------|------------|------|
|         | Inch       | mm   |
| 3-6     | 12.63      | 321  |
| 9-12    | 18.13      | 461  |
| 18-24   | 29.13      | 740  |
| 36      | 40.13      | 1019 |