Frontier Chemical and Solvent Heater

Frontier is designed for heating chemicals and solvents in hazardous operating environments. Suitable for heating a wide variety of flammable and non-flammable chemistries using electropolished stainless steel wetted materials for improved cleanliness. Offers outstanding performance over a wide range of flow and temperature requirements. Available up to 36kW, the Frontier is the most powerful inline solvent heater available.

**BEST SELLER!**

**FEATURES**

*Engineered for Safety*
- Heat source isolated from flammable chemistries
- Certified to UL823 compliant and ATEX
- Suitable for Class I, Div 2 and Zone 1 & 2 hazardous environments

*Indirect Heating Design*
- Provides an evenly heated surface and reduces surface temperatures and hot spots
- Improves chemical longevity and performance for temperature-sensitive chemicals

*Advanced Cleanliness*
- Electropolished 316SS wetted surfaces and no o-rings in the flow path minimizes contamination of the process liquid
- Crevice-free design reduces risk of contamination

*Designed for Performance*
- More available heating power than other inline solvent heaters (up to 36kW)
- Lower mass for faster response time
- Minimizes fluid pressure drop even at very high flow rates (>60 LPM)

**APPLICATIONS**

- Semiconductor
- Medical Device Cleaning
- Electroless Nickel Plating

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**PRODUCT INFORMATION**

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- Temperature: Up to 180°C
- Pressure: Up to 690 kPa (100 PSI)
- Watts: 3kW-36kW, *ATEX Zone 1 & 2, 3-18kW
- CE, S2, UL823, CSA22.2, ATEX II 2G Ex eb IIc T2 Gb, ATEX II 3G Ex nc IIc T4 Gc, 120 to 600 volts, 3 phase (standard), single phase (optional), *ATEX Zone 1 & 2, 200-800V, Single or 3 Phase

- Compatibility:
  - acids: YES
  - water: NO
  - bases: YES
  - solvents: YES
  - gases: NO

**call 1-440-974-1300 • visit processtechnology.com • or contact your local representative for more information**

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