

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.



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

Non-cast design maintains quality of electropolished surfaces

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
- Sterilization/Cleaning
- · Electroless Nickel Plating

Frontier Chemical and Solvent Heater

APPLICATIONS

- · Semiconductor
- · Medical Device Cleaning
- Electroless Nickle Plating

SPECIFICATIONS

Wattages	3 kW to 36 kW	
Voltages	120 volts to 480 volts, Single phase or 3 phase	
Temperature Range	Up to 180° C (356° F).	
Pressure Range	689 kPa (100 PSI)	
Fluid Connections	12mm, 19mm, or 25mm Custom connections available	
Safety Features	Grounded construction Bimetallic TCO Insulated Housing	

DIMENSIONS



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

MODEL NUMBER BREAKDOWN

