

DI Water Heaters



LUFTRAN® Fluoropolymer Water Heaters: One of the most popular high purity water heaters in the world. Proven technology for UPDI heating applications and suitable for the most stringent high purity specifications. Constructed with all PTFE and PVDF wetted parts. Patented “purged” resistive element design offers exceptional MTBF of ten years. Third party certified to SEMI and UL standards, and CE compliant. Standard patented DAC™ software provides accurate temperature control for different flow and temperature requirements. Sizes available up to 312kW.



TYTAN™ Water Heaters: This heater is a low cost, high quality alternative for noncritical DI and RO water heating applications. Constructed with titanium elements and wetted parts for exceptionally long life. Third party certified to UL standards. SEMI and CE compliant configurations available upon request. PID control standard. Sizes available up to 144kW, wall mounted up to 72kW.

Inline Chemical Heaters



TIH Fluoropolymer Chemical Heaters: Durable inline heaters for virtually any chemistry. For use in processes up to 180°C (356°F). Third party certified to SEMI and UL standards, and CE compliant. Several plumbing configurations offered. Vertical mounting standard, optional horizontal configuration available. Model with cooling coil combination also available. Sizes up to 18kW.



H₂OT SHOT Quartz Chemical Heaters: Constructed with all ultra pure quartz wetted parts. Excellent choice for SC1, SC2, and other quartz compatible applications. For use in processes up to 180°C (356°F). Exceptionally easy maintenance. Several plumbing configurations available for maximum flexibility. Third party certified to SEMI and UL standards, and CE compliant. Sizes available up to 12kW.

Inline Solvent/Gas Heaters



Soltan Inline Solvent/Gas Heaters: Electric heater with stainless steel flow path designed for safe, indirect heating of many solvents including but not limited to: NMP, EKC 265, EKC 830, ACT 690, and ACT 97. Also heats inert gases (nitrogen, etc.) up to 200°C (392°F). Standard and high flow versions available. Suitable for class 1, division 2 hazardous environment. Sizes available up to 18kW.

Inline Chemical/Solvent Heaters



Frontier Inline Chemical/Solvent Heaters: Process Technology proudly introduces our next generation inline chemical/solvent heater. This heater delivers superior temperature stability and offers outstanding performance over a wide range of flow and temperature requirements up to 180°C (356°F).



SHB/SHC Inline Chemical/Solvent Heaters: The SHB and SHC Series systems are electric inline heaters designed to safely heat process chemistries through indirect contact instead of direct immersion. These heaters deliver superior temperature stability with changes in flow, and offer multiple temperature sensors to ensure safe operation.

Electric Immersion Heaters



TFB Series, Immersion Heaters: Fluoropolymer immersion heaters for chemical bath applications. Constructed with our exclusive patented N₂ “purged” elements for extended service life. Custom configured to fit your tank size. High efficiency in a compact design, and an excellent alternative for replacing strip heaters on quartz tanks. Two basic configurations available: TFB for bottom heater applications, and TFW for inside tank wall requirements. Small package size for fast heat-up. Sizes available up to 15kW.



HX Series, Immersion Heaters: Fluoropolymer immersion heaters for chemical bath applications. Metal ground for safety. Optional patented N₂ “purged” elements available for extended service life. Standard thick wall sheath construction. Three basic configurations offered: HXR for low profile bottom heater applications, HXOL for higher wattage requirements, and HXSL for side tank wall specifications. Standard and custom configurations available. Sizes up to 6kW.

Heat Exchangers



XC Series, Inline Fluoropolymer Heat Exchangers: Rugged inline heat exchangers ideal for one pass cooling of chemicals dumping to waste stream. This product is also appropriate for heating applications. Eliminates high costs associated with water aspiration. PP or PVDF housing and fluoropolymer tubing. Custom configured for your application. Custom sizes available, please contact factory for sizing assistance.

High Temperature Filter Housing



LTFH Series Filter Housing: Reusable high temperature filter housing made of heavy wall PTFE for the most demanding applications. Capable of applications up to 180°C (356°F). Utilizes standard single, open-end (flat end) filter cartridges with double 222 o-ring seal. Three sizes available: 10 inch/70mm, 20 inch/70mm, and 10 inch/83mm cartridge sizes.

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