







**Heater Product Line**

<b>Controllers</b>	
	<p>Complete selection of liquid or gas controllers based on customer requirements Range of voltages, communication, response rate, I/O</p>
<b>Controller Box</b>	
	<p>Controller boxes NEMA rated and matched to meet your process needs. Safety interlocks to protect heaters during catastrophic process events.</p>
<b>In Line Heaters- Gas</b>	
	<p>Stainless Steel Inert gas heaters Temp- 80°C to 150°C Flow rate- 1 - 20 SCFM Power- 120 or 240 AC</p>
	<p>PFA flow path Inert gas heater, shown with controller Temp- 80°C to 150°C Flow rate- 15 or 25 SCFM Power- 120 or 200-240 AC</p>

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<b>In Line Heaters- Liquid</b>	
	<p><b>Stainless Steel</b> In-line liquid heater 1Kw-12Kw Temp up to 150°C Power- 120-480 VAC, single phase Sanitary or NPT fittings</p>
	<p><b>PVDF Housing with PFA jacketed coil (patented)</b> 1Kw-12Kw with mounting bracket Liquid level, process, high temp, ground, overtemp TC Temp up to 150°C Power- 120-480 VAC, single phase, three phase</p>
	<p><b>PFA Housing with PFA jacketed coil (patented)</b> Liquid level, process, high temp, ground, overtemp TC 1Kw-12Kw with mounting bracket Temp up to 150°C Power- 120-480 VAC, single phase, three phase</p>
	<p><b>Quartz – Wetted flow path</b> Best IR quartz heater on the market as stated by satisfied key customers, (patented) fast ramp up design 5Kw to12Kw Flow rates- .2 GPM minimum flow Temp- up to 180°C Power- 208, 220, 230 or 400 VAC, 3 Phase</p>

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<p><b>Heater Chiller Combo – In-line</b></p> 	<p>PFA Housing with PFA jacketed heating coil (patented) PFA wetted path for cooling. For precise temperature control requirements Liquid level, process, high temp, ground, overtemp TC 1Kw-3Kw with mounting bracket Temp up to 150°C Power- 120-480 VAC, single phase, three phase</p>
<p><b>Tank Heaters</b></p>	
	<p>PFA Grid Heaters for use in tanks J type thermocouple, additional can be provided optional perforated top or bottom plates Temp- 200°C range based on Kw Power- 120, 208, 220, 230 or 240 VAC</p>
	<p>PFA Frame Heaters for use in tanks J type thermocouple, additional can be provided optional perforated top or bottom plates (shown in picture) Temp- 200°C range based on Kw Power- 120, 208, 220, 230 or 240 VAC</p>
	<p>Quartz Tank Bath Heaters With or without drain, recirculating and custom one piece quartz construction, roto molded PVDF outer enclosure, 3 thermo disc sensors, type J thermocouples, PFA wiring used throughout</p>

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<p><b>Equipment or wall mount - Heaters</b></p>	
	<p>Electra- <b>Stainless Steel, PVDF Modules</b> With separate controller box can be wall mounted or tool mounted Compact Easy to install 15Kw-40KW Flow rates- 0.5 to 7.5 GPM Power- 480 or 208 VAC, 3-Phase</p>
<p><b>Free Standing - Heaters</b></p>	
	<p>SX- <b>Stainless Steel D.I. water heater</b> Incoloy heating elements Large Capacity D.I. water heater 24Kw to 144Kw Power- 240 or 480 VAC, 3 Phase  Ideal for requirements with space limitations</p>
	<p>Poseidon- <b>Passivated 316 L Stainless Steel</b> Large capacity D.I. water heater Low cost 24Kw to 144Kw Power- 240 or 480 VAC, 3 Phase</p>

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	<p>Aquarius- <b>PVDF Modules</b> Large capacity D.I. water heater Point of use 20Kw to 200Kw Flow rates- 0.5 to 13.0 GPM Power- 480 VAC, 3 Phase</p>
	<p>Juno- <b>Quartz modules</b> IR Heating 45Kw to 135Kw Flow rates- 2.2 to 10.6 GPM Power- 380, 400 or 480 VAC, 3 Phase</p>
<p><b>Full Facility Heating</b></p>	
	<p>Fluidix- <b>Stainless Steel, PVDF or PFA exchanger</b> wetted path Flow rate- 15-50GPM Temp- 20-91°C Approx 200Kw to 800Kw</p>
<p><i>Your requirement not listed? Contact for custom projects or more information</i></p> <p style="text-align: right;"><a href="http://www.Certechproducts.com">www.Certechproducts.com</a></p>	