



**Features and Benefits**

- Patented design for pump with thermostatic relief valve (U.S. Patent No. 9,976,550)
- Valve can be set to 250 psi (17.5 Bar), removed from pump and be fitted to another pump without having to reset pressure
- Thermal Valve prevents water and internal body temperature from exceeding 160° F (71°C)
- Prevents tubing from overheating and potential burst
- No damage once normal operating conditions are resumed
- Passed 7 days continuous run blocked discharge (hot) test without any degradation in flow at 200 psi (14Bar)
- Retrofits to existing stainless pumps

**General Applications<sup>1</sup>**

- Carbonation
- Espresso/Coffee
- Welding
- Cold Carb Circulation
- Reverse Osmosis
- Beer Chillers
- Pesticide Systems
- Solar Applications

**Suggested Pump Pairings**

- Stainless Steel Housing Series
- 3 & 5 Rotary Vane Pumps

**Technical Information**

Material		Construction	
Spring	Stainless Steel	Stainless Steel	Nitrile O-ring
Valve	ULTEM	Pump Dimensions with Valve	
Piston	ULTEM	Length	2.8 in (71 mm)
Body	Stainless Steel	Diameter, nut	.9 in (23 mm)
Temperature Control	Paraffin	Weight	.19 lbs (.09 kg)

<sup>1</sup> Consult with manufacturer for information on other applications

