

# Technical Information

## Performance Specifications

	Positive Displacement Pump		Turbine Pump	
Cooling Capacity @ 20°C (sea level)	500 watts based on 3°C ΔT 1000 watts based on 6°C ΔT 2000 watts based on 12°C ΔT 3000 watts based on 18°C ΔT 4000 watts based on 24°C ΔT			
Dimensions (L x W x H)	20.5 x 15 x 22.3 in. (52 x 38.1 x 56.6 cm)			
External Fluid Connections	Inlet & Outlet, 1/2 in. female NPT			
Reservoir Capacity	1.1 gallons (4.2L)			
Maximum Liquid Temperature	170°F (77°C)			
Electrical Requirements	120VAC, 60Hz, 1 ph, 7A	240VAC, 50Hz, 1 ph, 3.75A	120VAC, 60Hz, 1 ph, 7A	240VAC, 50-60Hz, 1 ph, 4.75A
Maximum Fluid Flow Rate	2.4 gpm (9.1 lpm)	2 gpm (7.6 lpm)	5.4 gpm (15.2 lpm)	4.5 gpm (17.1 lpm)
By-Pass Pressure Regulator	Adjustable 20 to 100 psi / 1.4 to 6.9 bar (Factory pre-set to 50 psi / 3.44 bar)			
Shipping Weight	118 Lbs (53.5 kg)		132 Lbs (59.9 kg)	
Recommended Coolant	Distilled Water			

ΔT = Process water temperature – ambient air temperature

### Environmental Conditions Indoor use only

Maximum Altitude: 2000 meters  
 Operating Ambient: 5° to 35°C (41° to 95°F)  
 Relative Humidity: 80% for temperatures to 30°C  
 Installation Category: II  
 Pollution Degree: 2