



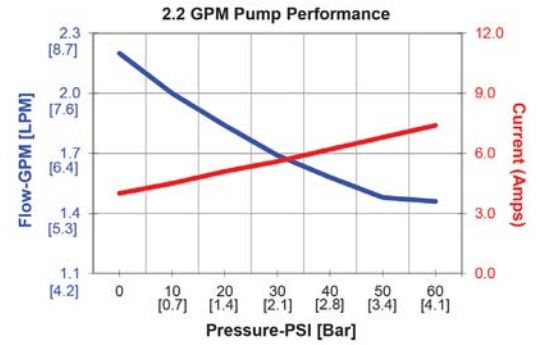
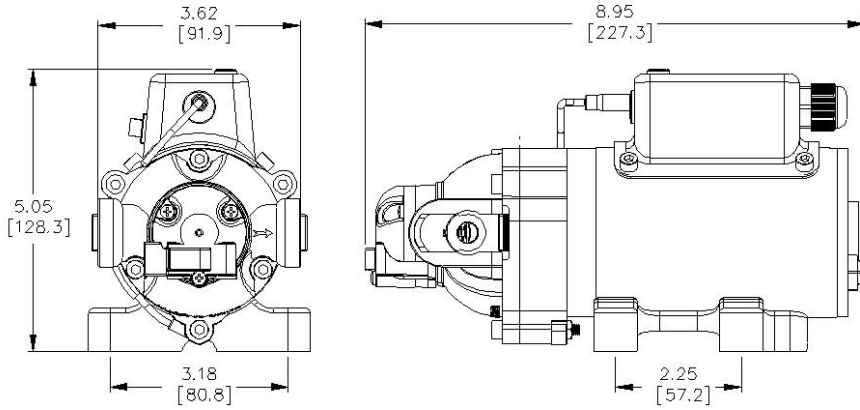
NorthStar Bleach Pumps

with Motor Armor Leak-Sense Technology

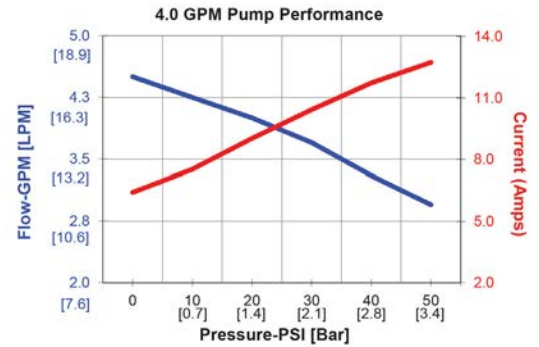
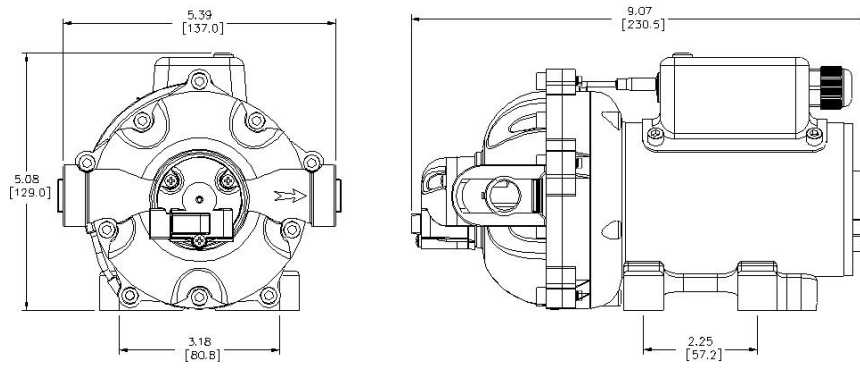
These NorthStar® Bleach Pumps upgrade your system with patent pending NorthStar pump technology. Exclusive Motor Armor shuts the pump off if a leak is detected, protecting the motor from harsh liquids and saving you money. A pump head replacement cartridge can then be easily replaced to get you back to work quickly.

			
Model	157145	157147	157153
Motor	12VDC with Motor Armor Technology	12VDC with Motor Armor Technology	12VDC with Motor Armor Technology
Max Amps	8.0A	13.0A	17.0A
Max Flow	8.3 LPM (2.2 GPM)	15.1 LPM (4.0 GPM)	20.8 LPM (5.5 GPM)
Max Pressure	4.8 BAR (70 PSI)	4.1 BAR (60 PSI)	4.1 BAR (60 PSI)
Ports	3/4in. Quick-Connect	3/4in. Quick-Connect	3/4in. Quick-Connect
Priming	3.05m (10-ft.)	3.65m (12-ft.)	3.65m (12-ft.)
Liquid Temperature	60°C (140°F)	60°C (140°F)	60°C (140°F)
Weight	2.3 kg (5 lbs)	2.7 kg (6 lbs)	2.7 kg (6 lbs)
Dimensions	227 x 92 x 128 mm (8.95 x 3.62 x 5.05 in.)	231 x 137 x 129 mm (9.07 x 5.39 x 5.08 in.)	235 x 137 x 136 mm (9.26 x 5.39 x 5.35 in.)
Wetted Materials	Head: Polypropylene, Nylon Diaphragm: Santoprene Valves/Seals: Viton Check Valve Spring: Stainless steel	Head: Polypropylene, Nylon Diaphragm: Santoprene Valves/Seals: Viton Check Valve Spring: Stainless steel	Head: Polypropylene, Nylon Diaphragm: Santoprene Valves/Seals: Viton Check Valve Spring: Stainless steel
Approvals/Ratings	CE, Continuous Duty (S1), IPX1 Protection	CE, Continuous Duty (S1), IPX1 Protection	CE, Continuous Duty (S1), IPX1 Protection
QC Fittings Included	(1) 3/8in. hose barb fitting, (1) 1/2in. hose barb fitting, (1) 1/2in. MNPT fitting	(1) 1/2in. hose barb fitting, (1) 1/2in. MNPT fitting	(1) 3/4in. hose barb fitting, (1) 1/2in. MNPT fitting

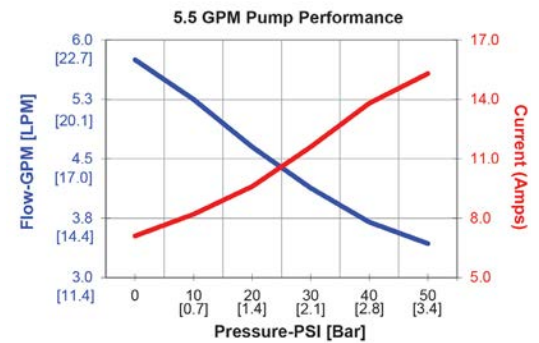
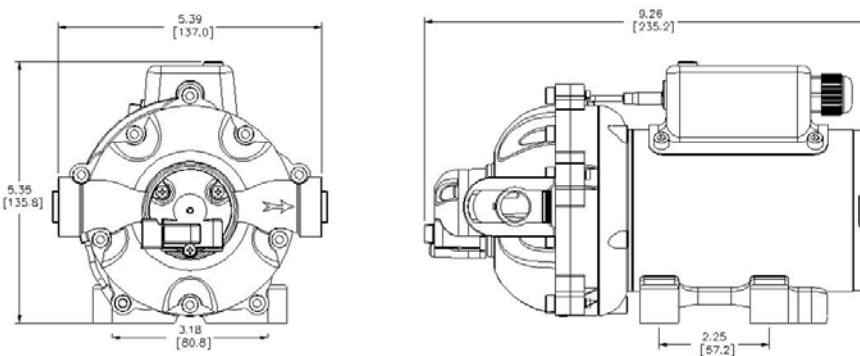
8.3 LPM Pump 157145:



15.1 LPM Pump 157147:



20.8 LPM Pump 157153:



*Specifications subject to change without notice.