

## P50/P100 SERIES

1/2 and 1 HP Effluent S.T.E.P. Pumps

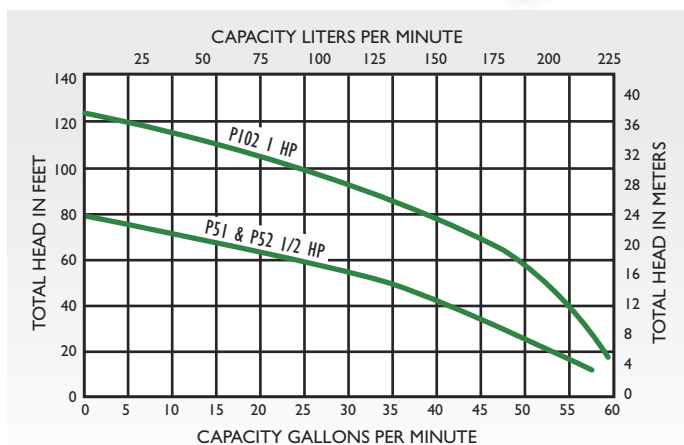
### SPECIFICATIONS

Applications	Effluent Removal, Sump Drainage, Water Transfer, Flood Control	
Capacities	60 GPM	227 LPM
Shut-off Head	124'	37.8 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic, effluent and drain water	
Intermittent Liquid Temperature	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, 115V or 230V, 1Ø; 1 HP, 230V, 1Ø, oil-filled, permanent split capacitor type, 3450 RPM, 60Hz	
Acceptable pH Range	6–9	
Specific Gravity	.9–1.1	
Viscosity	28–35 SSU	
Discharge, NPT	1-1/2"	38.1 mm
Housing	cast iron	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	36"	91.4 cm
Power Cord	20', 14/3 SJOW, SJOW-A	



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### FEATURES

- P Series effluent pumps are designed for years of maintenance-free operation
- Single-vane, enclosed impeller provides steep, non-overloading performance curve for pressure collection and S.T.E.P. systems; outperforms most pumps in its class
- Enclosed impeller eliminates the possibility of jamming or corrosion between impeller and volute
- Passes 3/4" spherical solids
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- High-torque, permanent split capacitor (PSC), single-phase motors; no starting switches or relays to wear out
- Double tandem seal configuration for extra motor protection, tough effluent pumping applications
- Optional seal leak probes warn of seal leak condition; helps prevent costly motor damage
- On-winding current and temperature-sensitive overload to protect against costly burnout
- Volute seal ring is replaceable; restores pump to original performance if wear should occur
- Motor is held in place by 4 screws; easily removed if service is ever needed
- CSA Listed