

Electric Submersible Pumps

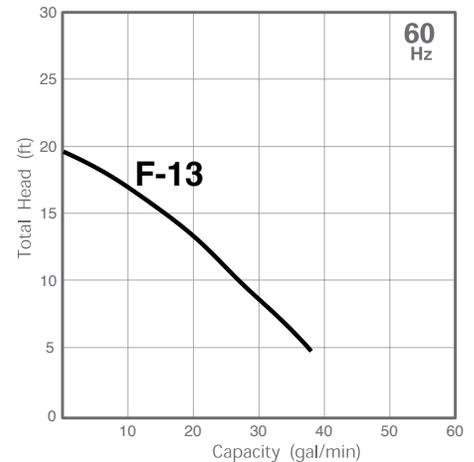
F-13 UTILITY PUMP



Oil free economical submersible pumps for clean surface water application. With built-in check-valve for houses, yards and gardens. Available ready to plug-in, with built-in level control, 1 1/4" or 3/4" NPT discharge.

F-13 Features

- Completely oil free air filled motor protected by 3 oil seals.
- Built-in thermal motor protector.
- Incorporates a check valve built into the discharge.
- Pump can be operated either manual or automatic.
- 1-1/4" NPT discharge with garden hose adaptor (3/4").
- Easy grip handle design.
- 1 year warranty.



Model	Max. Capacity (GPM)	Max. Head (ft)	Discharge Size (in) - Internal Thread	Nominal HP	RPM	Rated Current at 115V (amps)	Standard Cable Length (ft)	Shipping Weight (lbs.)
F-13	1-1/4	19	3/4	1/4	3450	4.2	10	11

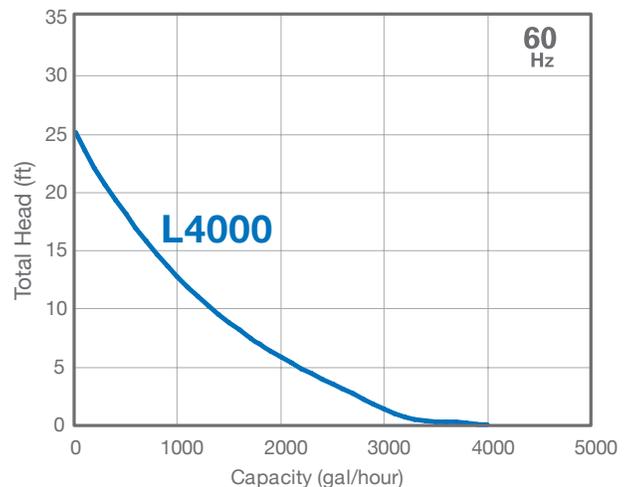
L4000 SERIES DC PUMP



Designed to meet and exceed the tough demands of commercial and recreational duty.

L4000 Features

- 1 1/2" and 2" Discharge Ports
- Liquid Cooled Motor
- Universal Mounting Base
- Double-Ball Bearing 12 Pole Motor
- Mechanical Shaft Seal
- Salt Water Tough
- 1 year warranty



Model	Max. Capacity (GPH)	Max. Head (ft)	Body Material	Discharge Size (in) & Parts Material	Impeller	Shaft Seal	Voltage (V)	Standard Cable Length (ft)	Shipping Weight (lbs.)
L-4000	4000	25	High Impact ABS Thermo-Plastic	1-1/2 & 2 Polypropylene	Glass/Nylon Composite	Mechanical (Carbon/Ceramic)	12	6	5.4