

# HYDROMATIC® SHEF42 CAST IRON SUBMERSIBLE EFFLUENT PUMP

The SHEF42 Series Pump is a rugged, submersible cast iron pump with a clog resistant, semi-open impeller and solids handling capability to 3/4". Unit has a 4/10 HP single phase motor complete with power cord. 2" NPT vertical discharge is standard. A full selection of accessories for automatic operation is available, and includes float switches, duplex controllers, simplex controllers, alarms, basins and check valves.

## Applications

- Effluent and wastewater removal
- Sump drainage
- Dewatering
- Flood control



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## CAST IRON SUBMERSIBLE EFFLUENT PUMP

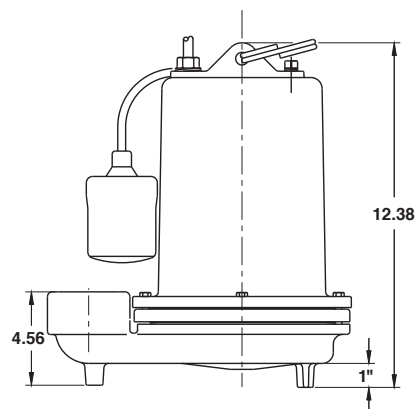
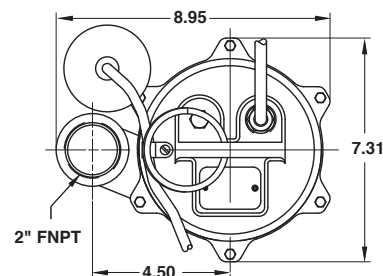
### Features

Bearings and Mechanical Seal	Permanently lubricated for long life.
Impeller	Semi-open style, pump out vanes for seal protection.
Overload Protection	Built-in thermal overload with automatic reset.
Cord Design	Prevents oil loss from and moisture protection for motor.
Serviceability	Heavy-duty lift out ring, field serviceable.
Solids Handling	3/4" spherical capability.
Stainless Steel Hardware	Allows easy disassembly after extended service.
Controls	Standard controls available for automatic operation.

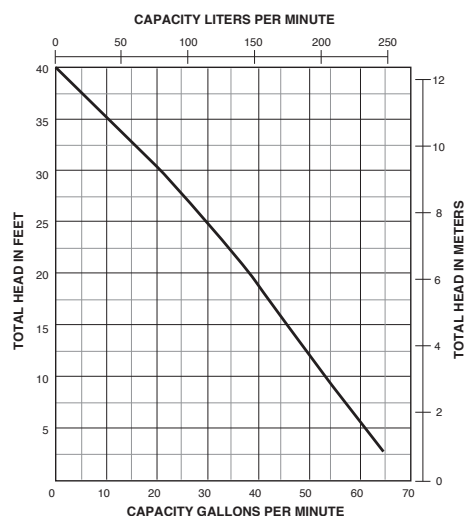
### Specifications

Volute Casing	Cast Iron
Upper and Lower Motor Housing	Cast Iron
Impeller	Fiberglass reinforced Noryl® with threaded insert
Mechanical Seal	Type 6A or equal, Buna-N elastomers, carbon and ceramic sealing faces, stainless steel metal parts
Bearings	Lower ball, upper sleeve type, oil lubricated
Exterior Hardware and Nameplate	Stainless steel
Motor	4/10 HP, 3450 RPM, 115 Volts or 230 Volts single phase, 60 Hz. Oil-filled. Built-in thermal overload protection with automatic reset and permanent split capacitor on single phase only. Stainless steel motor shaft.
Power Cord	20' oil and water resistant 18-3 SJTW-A/SJTW with integrally grounded 3-prong plug, single phase. UL Listed. Stainless steel cord connector.
Maximum Liquid Temperature Limits	130°F (55°C)

### Outline Dimensions



### Pump Performance



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