



The Pump Authority.

**MLP73511**

CAST IRON

# Sewage Pump

**1/2**  
HORSEPOWER  
MOTOR

With Vertical Float Switch

## FEATURES

- Energy efficient 1/2 HP split capacitor motor. Lower amp draw, runs cooler, lasts longer
- Solid cast iron pump base & housing. No plastic parts to crack or break
- Corrosion resistant, powder coated epoxy finish
- Hermetically sealed, oil cooled motor for long pump life
- Solid stainless steel vortex impeller for ultimate durability & corrosion resistance
- 2" NPT discharge
- Handles up to 2" solids
- Automatic operation with vertical float switch
- Float switch features a piggyback plug which allows for manual or automatic operation
- Motor is thermally protected with automatic reset thermal protector
- Stainless steel motor shaft
- Carbon/ceramic/stainless steel mechanical shaft seal
- Upper and lower permanently lubricated ball bearings
- Stainless steel fasteners
- Every unit is 100% pressure tested

ENERGY EFFICIENT  
**SPLIT CAPACITOR MOTOR**

**3 YEAR**  
LIMITED WARRANTY



MainlineCollection.com

**SUBMERSIBLE**

CAST IRON  
**Sewage Pump**

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**Application**

Submersible sewage pump for typical residential and light commercial applications where materials must be moved upward from a basin to sewer or septic lines or to drainage fields

**Motor Specifications**

Horsepower	1/2 HP
Voltage	120
Amps	7.6
Hertz	60 Hz
Phase	Single
RPM	3450 RPM
Motor Type	Permanent Split Capacitor (PSC)
Insulation	Class A
Circuit Requirements	15 amp (min) individual circuit
Duty Rating	Continuous*
Shaft Seal	Carbon/ceramic and stainless steel
Motor Shaft	Stainless Steel
Upper Motor Bearing	Ball Bearing
Lower Motor Bearing	Ball Bearing
Cooling	Oil cooled
Motor Protection	Auto reset thermal overload protector

\*For continuous operation, the water depth must be at least 8" to prevent the motor from overheating.

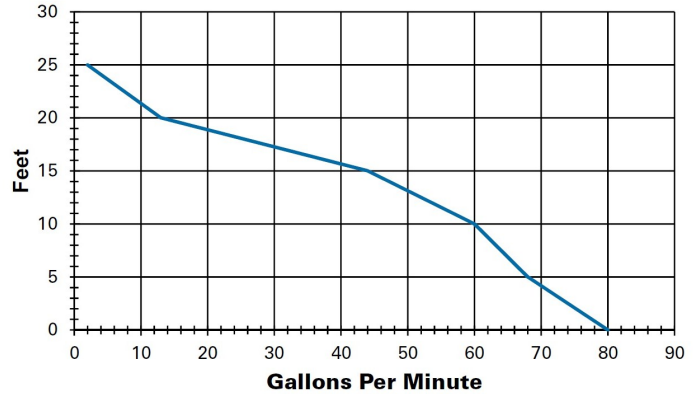
**Pump Specifications**

Discharge Size	2" NPT
Cord Length	10'
Cord Type	SJTW, UL listed, 3-wire, 18 gauge
Pump Housing	Cast iron
Pump Base	Cast iron
Impeller Material	Stainless steel
Impeller Type	Vortex
Gasket	Buna-N
Solids Handling	2" spherical
Liquid Temp. Range	32° - 120° F
Operation	Automatic or non-automatic
Fasteners	Stainless steel
Max Flow Rate	80 Gallons per minute
Maximum Head	25 feet
Max Pressure	10.8 psi
Weight	26.5 lbs

**Automatic Switch Specifications**

Type	SJE Rhombus Vertical Master II
Switch on point	12"
Switch off point	4"
Material	High impact PVC
Cord Length	10'
Cord Type	SJOW, UL listed, 2-wire, 18 gauge

**Performances**



Discharge Height	0'	5'	10'	15'	20'	25'
Gallons Per Minute	80	68	60	44	13	2
Gallons Per Hour	4800	4080	3600	2640	780	120

**Dimensions**

