

# **MLP73024-25**

With Tethered Float Switch

# Pre-assembled Simplex Sewage Pump Kit

#### **PUMP 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 tethered 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

#### **BASIN FEATURES**

- Tough polyethylene construction
- Gasket sealed liquid and airtight cover with 8 bolts
- 2" Discharge & vent
- Built-In anti float collar prevents basin from floating
- Molded torque stops prevent pump from turning •
- Integrated 360° lifting handle •

#### **MULTIPLE HUB OPTIONS (SOLD SEPARATELY)**

- Rubber coupling hub 1.
- Combo Hub 2.
- 3. E-Hub
- 4. Bolt on hub





## **PREASSEMBLED FOR EASY INSTALLATION**



MainlineCollection.com



HORSEPOWER

MOTOR







### MLP73024-25

## Pre-assembled Simplex Sewage Pump Kit

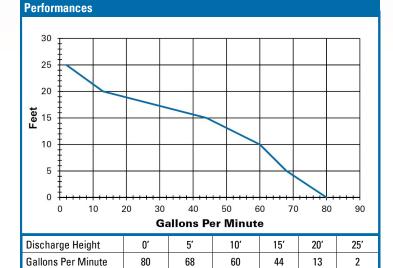




#### Application

Pre-assembled submersible sewage pump kit for typical residential and light commercial applications where materials must be moved upward to sewer or septic lines or to drainage fields

Motor SpecificationsHorsepower1/2 HPVoltage120Amps7.6Hertz60 HzPhaseSingleRPM3450 RPMMotor TypePermanent Split Capacitor (PSC)InsulationClass ACircuit Requirements15 arn (min) individual circuitDuty RatingContinuous*Shaft SealCarbon/ceramic and stainless steelMotor TypeBall BearingLower Motor BearingBall BearingCoolingOil cooledMotor ProtectionAuto reset thermal overload protector*For continuous operation, the water depth must be at least 8" to prevent the motor from overheating.Pump SpecificationsDischarge Size2" NPTCord Length25'Cord TypeSJTW, UL listed, 3-wire, 18 gaugePump BaseCast ironImpeller MaterialStainless steelImpeller MaterialStainless steelMax Flow Rate80 Gallons per minuteMax Flow Rate <th colspan="2"></th>		
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Weight28 lbsAutomatic Switch SpecificationsTypeWide angle tetheredSwitch on point16"Switch off point8"MaterialABSCord Length25'Cord TypeSJOW, UL listed, 2-wire, 18 gaugeBasin SpecificationsConstructionPolyethylene		
Automatic Switch Specifications         Type       Wide angle tethered         Switch on point       16"         Switch off point       8"         Material       ABS         Cord Length       25'         Cord Type       SJOW, UL listed, 2-wire, 18 gauge         Basin Specifications       Construction         Polyethylene       Support to the state of the s		
TypeWide angle tetheredSwitch on point16"Switch off point8"MaterialABSCord Length25'Cord TypeSJOW, UL listed, 2-wire, 18 gaugeBasin SpecificationsConstructionPolyethylene		
Switch on point     16"       Switch off point     8"       Material     ABS       Cord Length     25'       Cord Type     SJOW, UL listed, 2-wire, 18 gauge       Basin Specifications       Construction     Polyethylene		
Switch off point       8"         Material       ABS         Cord Length       25'         Cord Type       SJOW, UL listed, 2-wire, 18 gauge         Basin Specifications         Construction       Polyethylene	/1	
Material     ABS       Cord Length     25'       Cord Type     SJOW, UL listed, 2-wire, 18 gauge       Basin Specifications       Construction     Polyethylene		
Cord Length     25'       Cord Type     SJOW, UL listed, 2-wire, 18 gauge       Basin Specifications       Construction     Polyethylene		*
Cord Type     SJOW, UL listed, 2-wire, 18 gauge       Basin Specifications       Construction     Polyethylene		
Basin Specifications           Construction         Polyethylene		
Construction Polyethylene		
	Capacity	45 gallons
Seal PVC - reusable		
Hub Size Multiple options - see front page for options		
Discharge Size 2"	Discharge Size	
Vent Size 2"	Vent Size	2"



4080

3600

2640

780

120

4800

#### Dimensions

Gallons Per Hour

