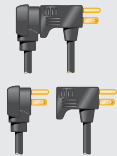


MYERS[®] M224A SYSTEM SEWAGE EJECTOR PUMP/ BASIN PACKAGE

Includes:

- MSKV50AW1, 115v Automatic submersible sewage ejector (2" solids)
- M224A Polyethylene basin
- Molded torque stops in basin to prevent pump from moving
- Durable 14G steel cover for easy maintenance
- Seal kit, Schedule 80 PVC Discharge pipe and swing check valve
- Completely assembled package from the factory, ready for quick and wasy installation

Piggyback Switch Plug



The piggyback design allows for simple conversion to manual operation by simply removing the switch plug and inserting the motor plug directly into the electrical outlet. This feature provides an easy way of periodically cycling the pump to ensure it is operating properly.



M224A SYSTEM

Sewage Ejector Pump MSKV50AW1 Package

Features

- The Myers® M224A SYSTEM is specifically designed to meet the demands of residential wastewater and sewage applications. The SYSTEM includes the Myers Model MSKV50AW1, 1/2 HP, 115 volt sewage ejector, 2" solids handling, 2" NPT discharge. The MSKV50AW1 can handle capacities up to 180 gallons per minute and heads up to 20 feet. The MSKV50AW1 features heavy duty cast iron construction with an oil-filled motor for cooler operation, permanent lubrication of the bearings and a longer, trouble-free pump life. The MSKV50AW1 features a wide-angle piggyback float switch for reliable automatic operation.
- The M224A SYSTEM also includes Myer's M224A Sewage Basin. The M224A Basin is nestable for conserving storage space and reducing shipping costs. This super strong poly basin is impact resistant and corrosion proof. Extra strong upper flange prevents deflection during installation. The M224A Basin comes complete with all the fittings, schedule 80 piping, swing check valve, grommets, o-rings, gasketing material and hardware required so the plumber always has the complete package at the job site.

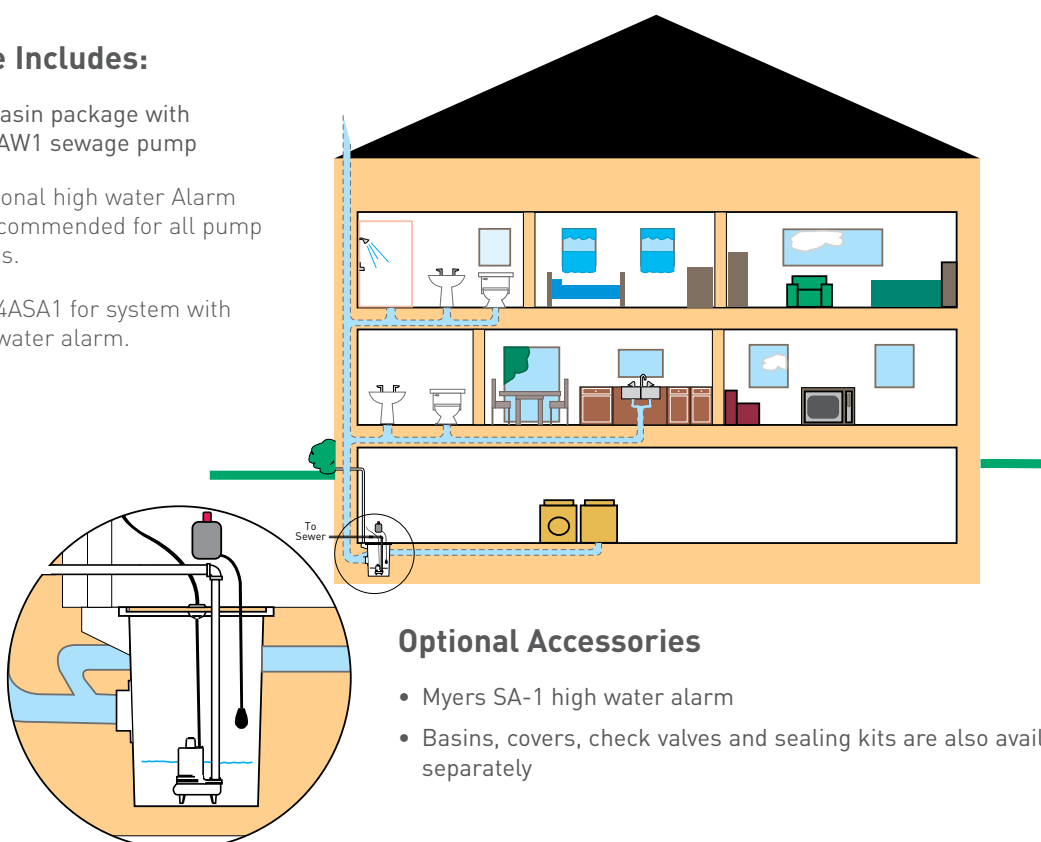
M224A SYSTEM Typical Installation

Package Includes:

- M224A basin package with MSKV50AW1 sewage pump

NOTE: Optional high water Alarm panel is recommended for all pump installations.

Order M224ASA1 for system with SA-1 high water alarm.



Optional Accessories

- Myers SA-1 high water alarm
- Basins, covers, check valves and sealing kits are also available separately

M224A SYSTEM

Benefits

M224A Basin

- Unique solid cover design allows the cover to be removed without having to disconnect the vent piping creating a quality, positive vent.
- Basins are nestable for multi-shipping and conserving warehouse space.
- Structural foam basins are made of durable polyethylene and injection molded for consistent quality.
- The lightweight, single piece construction allows for easier handling and installation. No heavy equipment or lifting required.
- Several 3/8" threaded inserts are molded in the top flange to fasten the lid on to the tank. This keeps the corrosive gases away and creates a strong unstrippable or unslippable insert.

M224A Seal Kit

Every seal package is complete with the following:

- 2" electrical grommet with single or double electrical cord allowance.
- 4" inlet hub creates a positive seal and gives freedom so pipe alignment does not have to be perfect.
- 2" discharge o-rings available upon request.
- Neoprene gasket tape to attach to the tank lid to get a positive seal between basin and cover.
- 2" check valve is included with the package.
- The extra strong flange makes sure no deflection occurs during installation and cover always fits.

M224A Cover

- 14G Steel
- Strong and durable for abuse during installation, service and regular daily wear.
- The cover has allowances for the discharge seals, electrical grommet, and bolt holes.

Basin Dimensional Data



M224A SYSTEM

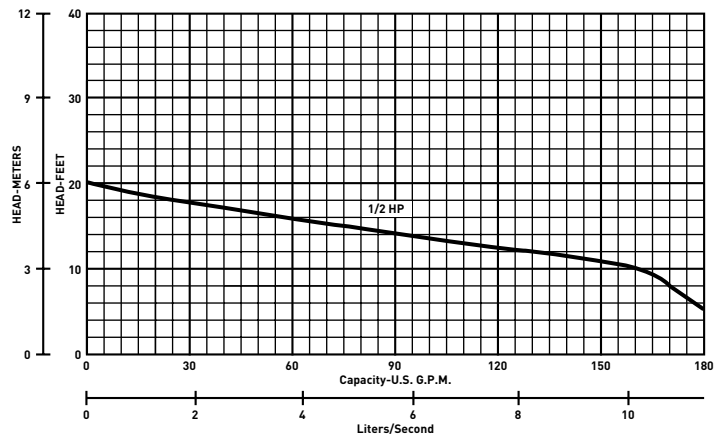
Pump Characteristics

Pump/Motor Unit	Submersible
Automatic Models	MSKV50AW1
Horsepower	1/2
Full Load Amps	12.0
Motor Type	PSC
R.P.M.	1650
Phase Ø	1
Voltage	115
Hertz	60
Operation	Intermittent
Temperature	140°F Ambient
NEMA Design	L
Insulation	Class B
Discharge Size	2" NPT std.
Solids Handling	2"
Unit Weight	76 lbs.
Power Cord	16/3, SJTA, 115V = 10' std.

Materials of Construction

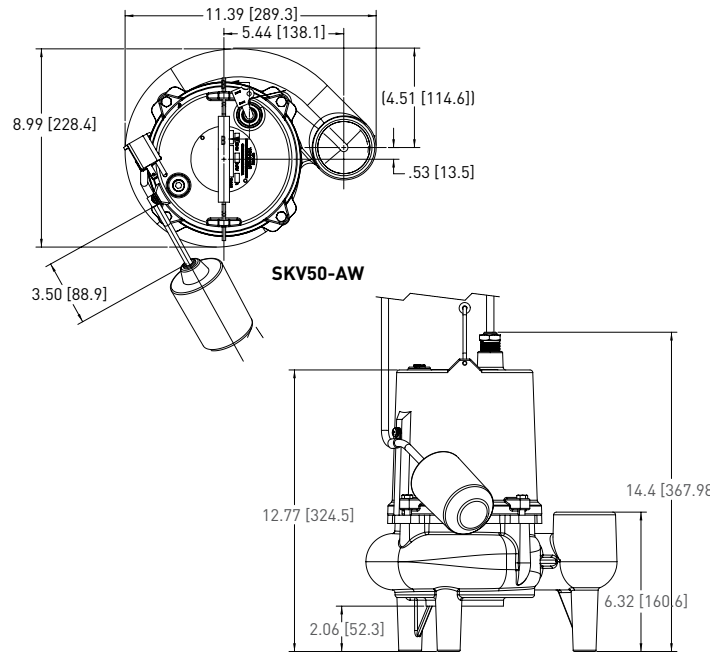
Part Name	Material
Handle	Stainless Steel
Lubricating Oil	Dielectric Oil
Motor Housing	Cast Iron
Seal Plate	Engineered Thermoplastic
Pump Casing	Cast Iron
Shaft	Stainless Steel
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Brass Spring: Stainless Steel Bellows: Buna-N
Impeller	Engineered Thermoplastic
Upper Bearing	Single Row Ball Bearing
Lower Bearing	Single Row Ball Bearing
Fasteners	Stainless Steel

Performance Data



Dimensional Data

SWITCH	DIAPHRAGM	TETHERED
PUMP ON	12.25 [311.2]	14.00 [355.6]
PUMP OFF	3.75 [95.3]	7.50 [190.5]



All dimensions in inches. Metric for international use. Component dimensions may vary $\pm 1/8$ inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable.



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