

# Myers®

## Pentair Water™

PROFESSIONAL SSE CATALOG



WHERE  
**INNOVATION**  
MEETS **TRADITION**

# THE PREMIER NAME IN QUALITY PUMPS SINCE 1870

Myers was founded in 1870 by Francis and Philip Myers in Ashland, Ohio. The brothers began by building farm implements and then engineered and manufactured the first double-acting hand pump that delivered water on both the up and down strokes. From this modest beginning, the Myers pump line grew and evolved over the decades to include wastewater removal and industrial pumps and systems. In 1960 the Myers family sold the business to the McNeil Corporation of Akron, Ohio. In 1986 the business was acquired

by Pentair, Inc. of St. Paul, Minnesota, where Myers is part of this \$3 billion corporation's water products group.

Myers is located on 80 acres in Ashland and operates in a modern 410,000 square foot manufacturing, distribution, foundry, and office facility, employing approximately 600 people dedicated to supplying top quality jet and submersible well pumps; utility, sump and sewage pumps; effluent pumps; non-clog and other large waste handling pumps; and high pressure reciprocating and centrifugal pumps and pumping systems for residential, agricultural, commercial, municipal and industrial applications for North America and more than 100 foreign countries.



The Myers Mission is to provide extraordinary, responsive service and quality products so that our customers find it easy to do business with us.

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# MESI06

## Multi-Purpose Pump

### SPECIFICATIONS

Capacities	5 GPM	18.9 LPM
Shut-off Head	10'	3.1 m
Weight	4 lbs.	
Liquids Handling	drain water	
Intermittent Liquid Temp.	104°F	40°C
Motor	air-cooled brush motor	
Electrical Data	115V, 2A, 1Ø, 60Hz	
Discharge	standard garden hose	
Power Cord	6'	



### FEATURES

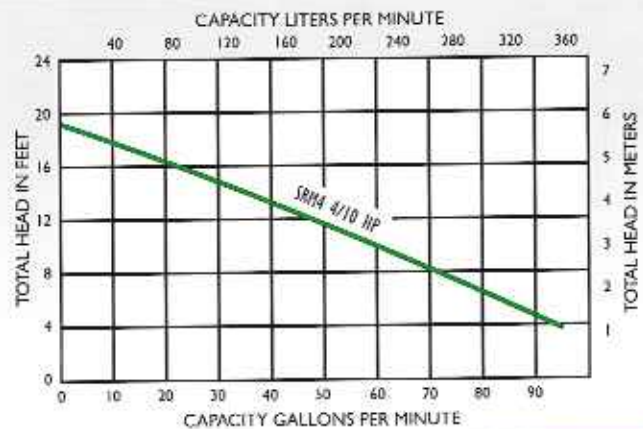
- Ideal for transferring water, filling tanks and draining shallow flooded areas
- Up to 5 GPM with 10' head
- Connects to standard garden hose
- 115VAC with 9' power cord
- Removes standing water down to 1/8" depth
- Weighs only 4 lbs.
- Built-in carrying handle
- Includes 6' suction hose and floor drainer
- To operate, just attach a standard hose to pump discharge and plug into any 115V outlet
- Air-cooled, high-torque, non-submersible motor with overload protection

# SRM4

## 4/10 HP Sewage Pump

### SPECIFICATIONS

Applications	Sewage, High-Capacity Sump, Effluent	
Capacities	95 GPM	360 LPM
Shut-off Head	19'	5.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	septic effluent and sewage	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	4/10 HP, shaded pole, 115V, 12A, 1Ø, 60Hz, 230V, 6A, 1Ø, 60Hz	
Acceptable pH Range	5-9	
Discharge, NPT	2"	50.8 mm
Housing	heavy cast iron	
Power Cord	10' (20' optional)	
Impeller	recessed, thermoplastic	
Volute Case	cast iron	
Shaft Seal	type 11A, carbon & ceramic	



### FEATURES

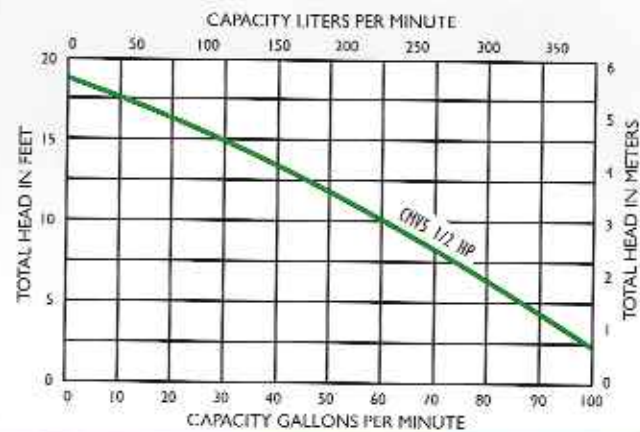
- Power for versatile applications
- Residential septic tank sewage
- Large sumps
- ETL Listed
- Long-lasting performance
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- Recessed vortex impeller for free flow of liquids, solids up to 2" diameter
- Rotary shaft seal has carbon and ceramic faces for positive seal
- Thermal overload protection with automatic reset

## CMV5

### 1/2 HP Residential Sewage Pump

#### SPECIFICATIONS

Applications	Sewage, High-Capacity Sump, Effluent	
Capacities	95 GPM	360 LPM
Shut-off Head	18' shut-off	5.5 m
	19' shut-off	5.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	raw sewage, effluent and drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, shaded pole, 1625 RPM, 115V, 12A, 1Ø, 60Hz	
Acceptable pH Range	6-9	
Discharge, NPT	2"	50.8 mm
Housing	cast iron	
Power Cord	20', 16/3, SJTW	
Impeller	recessed, thermoplastic	
Volute Case	thermoplastic	
Shaft Seal	type IIA, carbon & ceramic	
Minimum Sump Diameter		
Simplex:	18"	457 mm
Duplex:	30"	762 mm



#### FEATURES

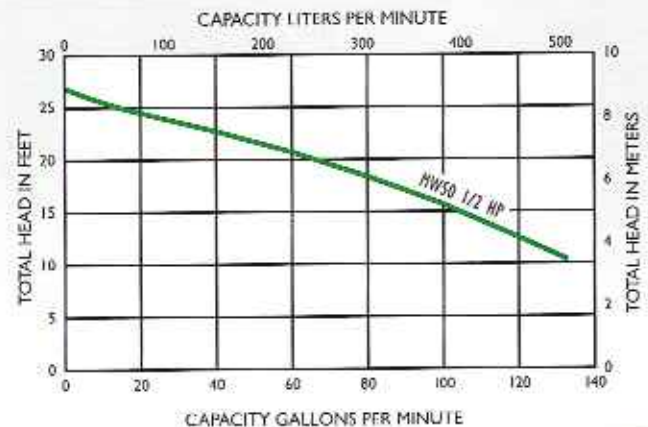
- Engineered for many years of maintenance-free operation
- Wide-angle, mercury-free mechanical float switch for maximum drawdown
- Recessed vortex impeller operates completely out of volute and provides free flow through passage for solids and liquids
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- Recessed vortex impeller provides minimal radial loading for long bearing life

# MW50

## 1/2 HP Residential and Light Commercial Sewage Pump

### SPECIFICATIONS

Applications	Sewage, High-Capacity Sump, Effluent	
Capacities	135 GPM	510 LPM
Shut-off Head	27'	8.23 m
Solids Handling	2"	50.8 mm
Liquids Handling	domestic sewage & drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, 1625 RPM, PSC (IØ), oil-filled, 115V, 9A, IØ, 60Hz; 230V, 4.5A, IØ, 60Hz	
Acceptable pH Range	5-9	
Discharge, NPT	2"	50.8 mm
Housing	cast iron	
Power Cord	20', 16/3, SJTW	
Impeller	thermoplastic	
Volute Case	class 30 cast iron	
Shaft Seal	type 6, carbon & ceramic	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	36"	91.4 cm



### FEATURES

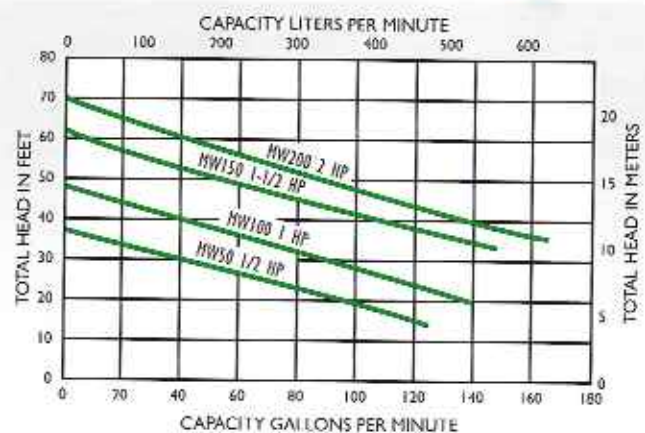
- Two-vane impeller design provides maximum pump efficiency
- Enclosed design for high-efficiency pumping
- Eliminates possibility of jamming between impeller and volute
- Passes full 2" solids
- Original performance can be restored if wear occurs by replacing volute seal ring
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- High-torque, permanent split capacitor (PSC) motors; no starting switches or relays to wear out
- Field-tested, wide-angle, mercury-free piggyback mechanical float switch provides maximum drawdown (automatic models only)
- Long, flexible type 6 seal provides high-pressure sealing with improved seal face protection by location
- Lower ball bearing eliminates sleeve bearing wear and significantly reduces motor wear
- Low-amp draw from the efficient PSC motor means less heat build-up

## MW SERIES

2" Solids Handling Heavy-Duty Residential and Commercial Sewage Pumps Available with Single or Double Seals

### SPECIFICATIONS

Applications	Sewage, High-capacity Sump, Effluent	
Capacities	165 GPM	624 LPM
Shut-off Head	70'	21.3 m
Solids Handling	2"	50.8 mm
Liquids Handling	domestic sewage & drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 to 2 HP, 208/230V, 1Ø; 208/230/460/575V, 3Ø, oil-filled, permanent split, capacitor type, 1Ø, 3450 RPM, 60Hz	
Acceptable pH Range	5-9	
Discharge, NPT	2"	50.8 mm
Housing	cast iron	
Power Cord	10'	
Impeller	ductile iron	
Volute Case	class 30 cast iron	
Shaft Seal	type 2I, carbon & ceramic,	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	36"	91.4 cm



### FEATURES

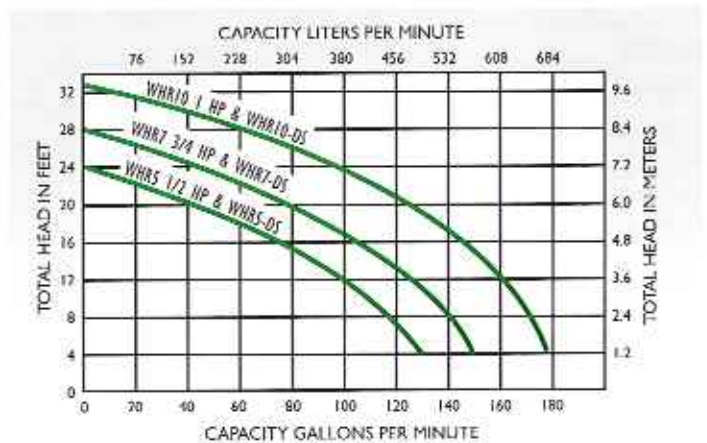
- High head performance for demanding applications
- High-efficiency, two-vane, enclosed impeller for high-efficiency pumping
- Eliminates possibility of jamming between impeller and volute
- Original performance can be restored if wear occurs by replacing volute seal ring
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- High-torque, permanent split capacitor (PSC) single-phase motors; no starting switches or relays to wear out

# WHR SERIES

2" Solids Handling Heavy-Duty Residential and Commercial Sewage Pumps Available with Single or Double Seals

## SPECIFICATIONS

Applications	Domestic Wastewater and Septic Systems	
Capacities	178 GPM	673.8 LPM
Shut-off Head	70'	21.3 m
Solids Handling	2"	50.8 mm
Liquids Handling	drain water and domestic sewage	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, 115V, 1Ø, 60Hz, PSC; 1/2, 3/4, 1 HP, 230V, 1Ø, 60 Hz PSC; 208/230/460/575V, 3Ø, 60Hz	
Acceptable pH Range	5 -9	
Discharge, NPT	2"	50.8 mm
	3"	76.2 mm
Housing	cast iron	
Power Cord	WHR-SJOW/SJOW-A	
	20', 16/3, 1 ph; 20', 16/4, 3 ph	
	WHR-DS - 20', 14/4, 1 ph	
	20', 14/3, 1 ph, L/D; 20', 16/4, 3 ph, L/D	
Impeller	cast iron, vortex	
Volute Case	cast iron	
Shaft Seal	single type 2l, carbon/ceramic, double tandem carbon/ceramic	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	30"	76 cm



## FEATURES

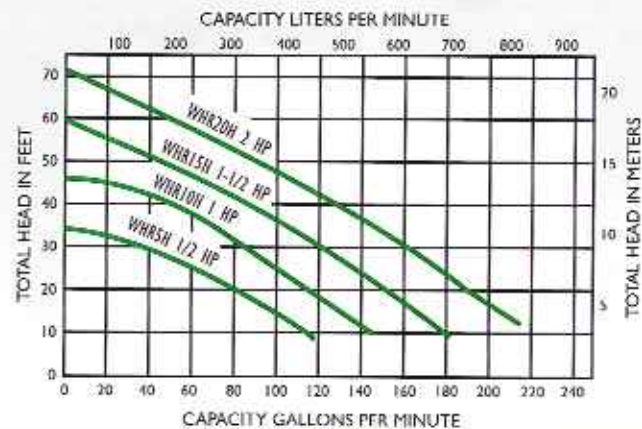
- Power range meets many applications
- Domestic wastewater and septic systems
- Light commercial sewage
- High-capacity fluid transfer
- ETL Listed
- Durable motor for long-lasting performance
- 1/2, 3/4 & 1 HP models
- Oil-filled for cooler operation and constant bearing lubrication
- Single-phase PSC motors eliminate starting switches
- Recessed impeller increases bearing life
- Thermal overload protection with automatic reset
- Double seal models with seal leak detector are not UL Listed

## WHR5H-WHR20H SERIES

2" Solids Handling Residential and Commercial Sewage and Effluent Pumps

### SPECIFICATIONS

Applications	Domestic Wastewater and Septic Systems	
Capacities	218 GPM	825 LPM
Shut-off Head	70'	20.9 m
Solids Handling	2"	50.8 mm
Liquids Handling	raw sewage and sewage effluent	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2, 1, 1-1/2 & 2 HP, 3450 RPM, 208/230V, 1Ø, 60 Hz, PSC; 208/230/460V, 3Ø, 60Hz	
Acceptable pH Range	6-9	
Discharge, NPT	2"	50.8 mm
	3"	76.2 mm
Housing	cast iron	
Power Cord	20', 16/3, SJOW/SJOW-A, 1Ø 20', 16/4, SJOW/SJOW-A, 3Ø	
Impeller	ductile iron, vortex	
Volute Case	cast iron	
Shaft Seal	type 21, carbon & ceramic	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	30"	76 cm



### FEATURES

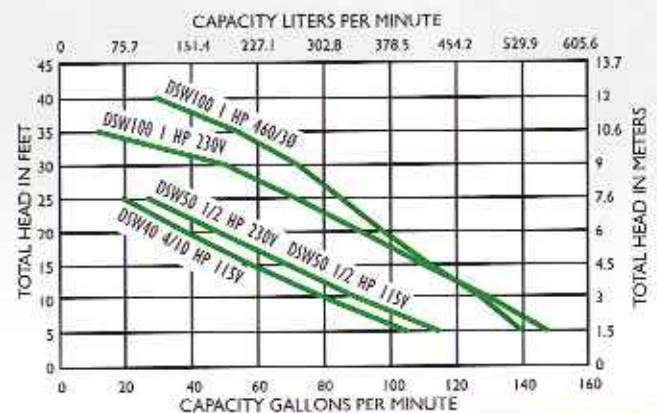
- Higher heads for demanding applications
- Domestic wastewater and septic systems
- Light commercial sewage
- High-capacity fluid transfer
- ETL Listed
- Durable motor for long-lasting performance
- 1/2, 1, 1-1/2 & 2 HP models
- Oil-filled for cooler operation and constant bearing lubrication
- Single-phase PSC motors eliminate starting switches
- Recessed impeller reduces radial loads and increases bearing life
- Thermal overload protection with automatic reset

# DSW SERIES

## 2" Solids Handling Continuous Duty Stainless Steel Sewage Pumps

### SPECIFICATIONS

Applications	Domestic Wastewater and Septic Systems	
Capacities	145 GPM	549 LPM
Shut-off Head	42'	12.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	sewage, wastewater, effluent	
Continuous Liquid Temp.	130°F	54°C
Motor Electrical Data	4/10 HP, 1/2 HP, 115V 1/2 HP 1 HP, 230V 1 HP, 460V/3Ø	
Acceptable pH Range	5-9	
Discharge, NPT	2" w/90° elbow	
Housing	stainless steel	
Power Cord	20', SJOW, 16 AWG	
Impeller	composite or stainless steel	
Volute Case	stainless steel	
Shaft Seal	mechanical - carbon & ceramic	



### FEATURES

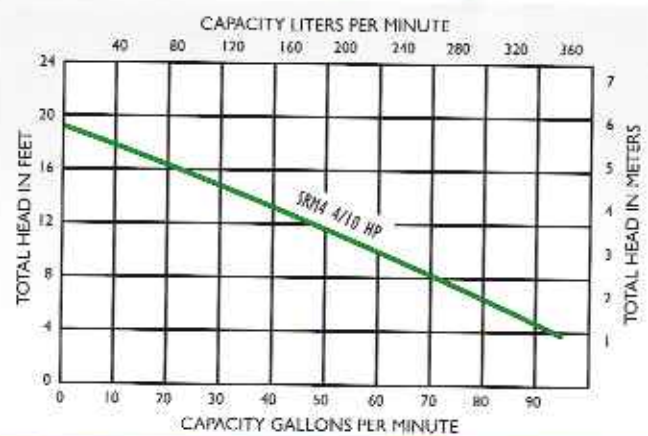
- Pumps up to 145 GPM (1 HP), 114 GPM (1/2 HP) and 103 GPM (4/10 HP)
- Designed for reliable pumping of wastewater
- Stainless steel, corrosion-resistant shaft and hardware
- Oil-cooled and lubricated, continuous-duty PSC motors
- Silicon carbide or carbon ceramic mechanical seals
- Tethered float switches feature piggyback controls
- 20' power cord
- Suitable for continuous use
- Includes 90° discharge elbow

## SR1830

### 4/10 HP Packaged Simplex Sewage System

#### SPECIFICATIONS

Applications	Residential Septic Tank Sewage and Large Sumps	
Capacities	95 GPM	360 LPM
Shut-off Head	19'	5.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	septic effluent and sewage	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	4/10 HP, shaded pole, 115V, 12A, 1Ø, 60Hz; 230V, 6A, 1Ø, 60Hz	
Acceptable pH Range	5-9	
Discharge, NPT	2"	50.8 mm
Housing	heavy cast iron	
Power Cord	10' (20' optional)	
Impeller	recessed, thermoplastic	
Volute Case	cast iron	
Shaft Seal	type IIA, carbon & ceramic	



#### FEATURES

- Complete package for versatile applications
- Residential septic tank sewage
- Large sumps
- High-quality system includes SRM4AIC sewage pump
- 4/10 HP, 115V, 12A, 1Ø, 60Hz motor
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication

- Recessed vortex impeller for free flow of solids up to 2" diameter
- Rotary shaft seal has carbon and ceramic faces for positive seal
- Thermal overload protection with automatic reset
- 2" diameter discharge
- UL and CSA Listed

#### BASIN

- 18" x 30" structural foam construction
- 30-gallon capacity
- 4" plastic slip type or cast iron inlet hub

#### SEALED COVER

- 18" solid structural foam cover with 2" discharge flange, vent flange suitable for 2" or 3" vent, or split steel with 2" or 3" vent

#### CHECK VALVE

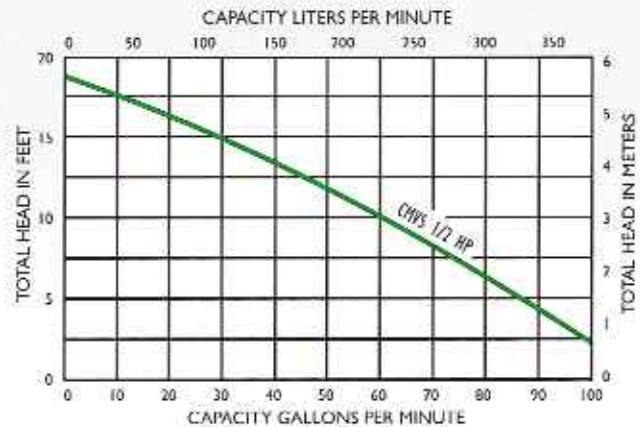
- 2" full swing
- FULLY ASSEMBLED**
- Includes discharge pipe inside basin
- SSPMA Listed
- Available in IAPMO approved models

# CMV1830

## 1/2 HP Packaged Sewage Ejector System

### SPECIFICATIONS

Applications	Residential Septic Tank, Sewage and Large Sumps	
Capacities	95 GPM	360 LPM
Shut-off Head	18'	5.5 m
	19' shut-off	5.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	raw sewage, effluent and drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, shaded pole, 1625 RPM, 115V, 12A, 1Ø, 60Hz	
Acceptable pH Range	6-9	
Discharge, NPT	2"	50.8 mm
Minimum Sump Diameter		
Simplex:	18"	457 mm
Duplex:	30"	762 mm



### FEATURES

- Complete package for versatile applications includes: CMV5A-II sewage pump
- 1/2 HP, 115V, 12A, 1Ø, 60Hz
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- Recessed vortex impeller provides minimal radial loading for long bearing life

- Wide-angle mercury-free mechanical float switch for maximum drawdown
- Recessed vortex impeller operates completely out of volute and provides free flow through passage for solids and liquids

#### BASIN

- 18" x 30" structural foam construction
- 30-gallon capacity
- 4" plastic slip type or cast iron inlet hub

#### SEALED COVER

- 18" solid structural foam cover with 2" discharge flange, vent flange suitable for 2" or 3" vent, or split steel with 2" or 3" vent

#### CHECK VALVE

- 2" full swing

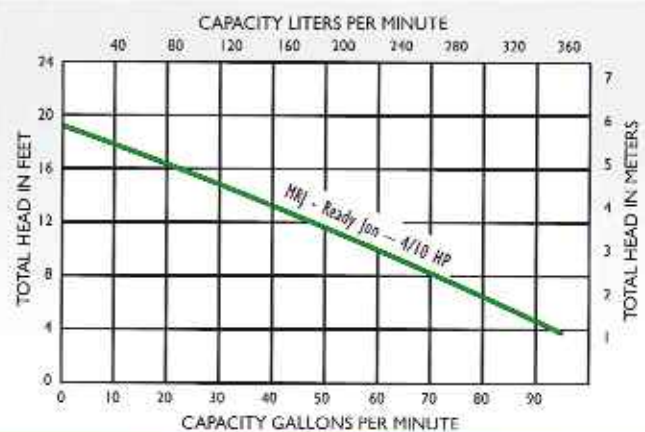
# SEWAGE PUMPS

## MRJ

### 4/10 HP Ready Jon System

#### SPECIFICATIONS

Applications	Basement Bathroom	
Capacities	95 GPM	360 LPM
Shut-off Head	19'	5.8 m
Solids Handling	2"	50.8 mm
Liquids Handling	septic effluent and sewage	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	4/10 HP, shaded pole, 115V, 12A, 1Ø, 60Hz; 230V, 6A, 1Ø, 60Hz	
Acceptable pH Range	5-9	
Discharge, NPT	2"	50.8 mm
Housing	heavy cast iron	
Power Cord	10' (20' optional)	
Impeller	recessed, thermoplastic	
Volute Case	cast iron	
Shaft Seal	type IIA, carbon & ceramic	



#### FEATURES

##### SEWAGE EJECTOR PUMP UP PACKAGE INCLUDES:

- SRM4S-1 (115V) 4/10 HP sewage pump
- Myers poly tank
- 2" check valve/discharge piping assembly
- Ideal for basements, room additions, factories and warehouses
- Simple installation
- Accommodates toilet, vanity or humidifier
- Fits almost anywhere
- Use with nearly any toilet style
- Concrete floor stays intact; no need to destroy flooring since the Ready Jon can be installed freestanding on top of any level surface
- Tank and piping can be hidden behind a wall

## LIMITED WARRANTY SUMP & RESIDENTIAL SEWAGE

During the time periods and subject to the conditions hereinafter set forth, FE. Myers will repair or replace to the original user or consumer any portion of your new MYERS product which proves defective due to defective materials or workmanship of MYERS. Contact your nearest Authorized MYERS Dealer for warranty service. At all times MYERS shall have and possess the sole right and option to determine whether to repair or replace defective equipment, parts, or components. Damage due to lightning or conditions beyond the control of MYERS is NOT COVERED BY THIS WARRANTY.

## WARRANTY PERIOD

Pumps: 12 months from date of installation or 18 months from date of manufacture.

Labor, etc. Costs: MYERS shall IN NO EVENT be responsible or liable for the cost of field labor or other charges incurred by any customer in removing and/or re-affixing any MYERS product, part or component thereof.

**THIS WARRANTY WILL NOT APPLY:** (a) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (b) to failures resulting from abuse, accident or negligence; (c) to normal maintenance services and the parts used in connection with such service; (d) to units which are not installed in accordance with applicable local codes, ordinances and good trade practices; or (e) unit is used for purposes other than for what it was designed and manufactured, and (f) if three-phase submersible motors are installed on a single-phase power supply using a phase converter or if three-phase power is supplied by only two transformers, making an open Delta system.

**RETURN OR REPLACED COMPONENTS:** Any item to be replaced under this Warranty must be returned to MYERS in Ashland, Ohio, or such other place as MYERS may designate, freight prepaid.

**PRODUCT IMPROVEMENTS:** MYERS reserves the right to change or improve its products or any portions thereof without being obligated to provide such a change or improvement for units sold and/or shipped prior to such a change or improvement.

**WARRANTY EXCLUSIONS:** MYERS SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AFTER THE TERMINATION OF THE WARRANTY PERIOD SET FORTH HEREIN.

Some states do not permit some or all of the above warranty limitations and, therefore, such limitations may not apply to you. No warranties or representations at any time made by any representative of MYERS shall vary or expand the provisions hereof.

**LIABILITY LIMITATION:** IN NO EVENT SHALL MYERS BE LIABLE OR RESPONSIBLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES RESULTING FROM OR RELATED IN ANY MANNER TO ANY MYERS PRODUCT OR PARTS THEREOF. PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY RESULT FROM IMPROPER INSTALLATION. MYERS DISCLAIMS ALL LIABILITY, INCLUDING LIABILITY UNDER THIS WARRANTY, FOR IMPROPER INSTALLATION—MYERS RECOMMENDS FOLLOWING THE INSTRUCTIONS IN THE INSTALLATION MANUAL. WHEN IN DOUBT, CONSULT A PROFESSIONAL.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

In the absence of suitable proof of the purchase date, the effective date of this Warranty will be based upon the date of manufacture.

**DETERMINATION OF UNIT DATE OF MANUFACTURE:** Submersible Sump Pump (8-95) month and year stamped on pump nameplate; Column Sump Pump month and year on red warranty tag.



For more information about Myers Plumbing Products contact your local  
Myers Distributor, or our facilities in Ashland, Ohio.

**Myers**<sup>®</sup>

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 **Pentair  
Water**

[www.myerspump.com](http://www.myerspump.com)

M920055E 1/07