

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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MES106

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

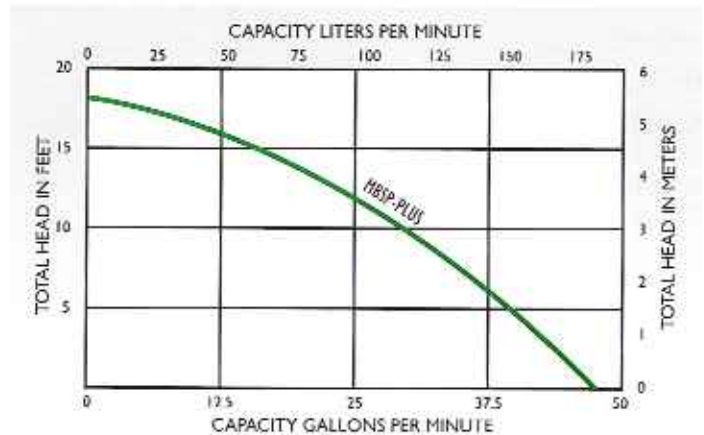
- Ideal for transferring water, filling tanks and draining shallow flooded areas
- Up to 5 GPM with 10' head
- Connects to standard garden hose
- 115VAC with 9' power cord
- Removes standing water down to 1/8" depth
- Weighs only 4 lbs.
- Built-in carrying handle
- Includes 6' suction hose and floor 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

MBSP-PLUS SERIES

12 Volt Battery Standby Pump System

SPECIFICATIONS

Applications	Emergency Dewatering	
Capacities	2700 GPH	10,220 LPH
Shut-off Head	18'	
Liquids Handling	sump drain water	
Continuous Liquid Temp.	up to 77°F	up to 25°C
Motor	12V DC, 18A	
Charger	Fully automatic, computerized monitoring, control and alarm system; input - 115V AC, 60Hz; output - 12V AC, 8A (5 stages)	
Check Valve	included	
Housing	thermoplastic	



FEATURES

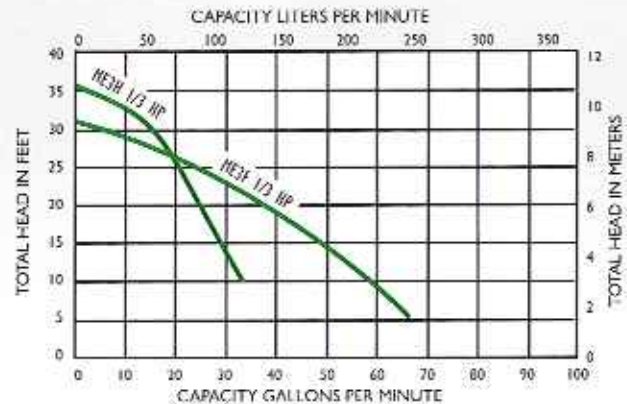
- 2700 GPH (10,220 LPH), 8A 5-stage charging system
- Thermoplastic pump with steel case charger enclosure
- 1-1/4" (32 mm) NPT threaded discharge; adapts to 1-1/4" (32 mm) and 1-1/2" (38 mm) NPT
- High volume ideal for active sump pits
- 8A multi-stage charging system (UL/CUL approved) with steel enclosure provides the strongest battery charge
- Plug-in style connectors for quick and easy installation
- Audio and visual alarms keep you informed of status at all times
- Check valve and battery case included
- Fits most new and existing sump pits

ME3 SERIES

1/3 HP High Head (ME3H) and High Flow (ME3F)
Submersible Effluent Pumps

SPECIFICATIONS

Applications	Effluent Removal, Sump Drainage, Water Transfer, Flood Control	
Capacities		
ME3H:	36 GPM	136 LPM
ME3F:	66 GPM	249 LPM
Shut-off Head		
ME3H:	35'	10.7 m
ME3F:	31'	9.5 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic effluent and drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/3 HP, 1550 RPM, shaded pole, oil-filled, 115V, 12A, 1Ø, 60Hz, 230V, 6A, 1Ø, 60Hz	
Acceptable pH Range	6–9	
Specific Gravity	.9–1.1	
Viscosity	28–35 SSU	
Discharge, NPT	1-1/2"	50.8 mm
Housing	heavy cast iron	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	36"	91.4 cm
Power Cord	20', 16/3, SJTW	



FEATURES

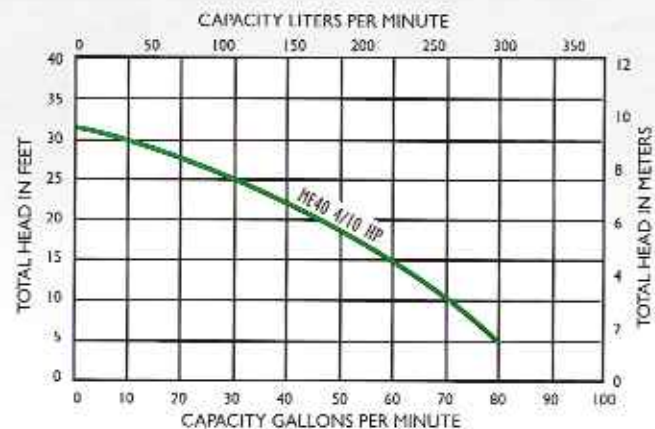
- Durable motor delivers years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- Overload protected, shaded pole motor eliminates starting switches and relays which are prone to fail
- Heavy cast iron motor housing and volute case dissipate heat, allow motor to run cooler for extended life
- Engineered for maintenance-free operation
- Field-tested, wide-angle, mercury-free mechanical float switch for maximum drawdown (automatic piggyback models only)
- Automatic pump models can be operated manually by unplugging piggyback switch and plugging pump directly into outlet
- Passes full 3/4" solids

ME40 SERIES

4/10 HP Effluent and Drain Water Pump

SPECIFICATIONS

Applications	Effluent Removal, Sump Drainage, Water Transfer, Flood Control	
Capacities	80 GPM	303 LPM
Shut-off Head	32'	9.75 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic effluent and drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	4/10 HP, 160 RPM, shaded pole, oil-filled, 115V, 12A, 1Ø, 60Hz, 230V, 6A, 1Ø, 60Hz	
Acceptable pH Range	5-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	1-1/2"	38.1 mm
Housing	cast iron	
Minimum Sump Diameter		
Simplex:	24"	61.0 cm
Duplex:	36"	91.4 cm
Power Cord	20', 16/3, SJTW	



FEATURES

- Two-vane impeller design provides maximum dosing efficiency
- Enclosed design for high-efficiency pumping
- Eliminates possibility of jamming between impeller and volute
- Passes full 3/4" solids
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and continuous bearing lubrication
- Positive sealing, quick-connect float and switch cords make replacement simple if service is ever necessary
- Field-tested, wide-angle, mercury-free mechanical float switch provides maximum drawdown (automatic models only)
- Lower ball bearing and heavy-duty, type 6 seal for added pump life

ME SERIES

1/2 through 1-1/2 HP Effluent Pumps

SPECIFICATIONS

Applications	Effluent Removal, Sump Drainage, Water Transfer, Flood Control	
Capacities	120 GPM	454 LPM
Shut-off Head	95'	28.9 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic effluent and drain water	
Intermittent Liquid Temp.	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, 115V, 1Ø, 1/2 to 1-1/2 HP, 230V, 1Ø, 208/230/460/575V, 3Ø, oil-filled, permanent split capacitor type, 1Ø, 3450 RPM, 60Hz	
Acceptable pH Range	6-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	2"	50.8 mm
Housing	cast iron	
Minimum Sump Diameter		
Simplex:	24"	61.0 cm
Duplex:	36"	91.4 cm
Power Cord	10'	



FEATURES

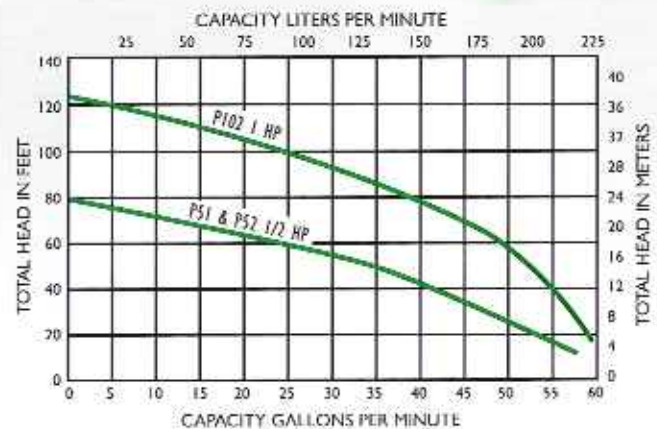
- Ideal for use in mound and trench pressure distribution systems
- High-efficiency, two-vane, enclosed impeller provides ideal performance for efficient dosing
- Impeller passes full 3/4" solids
- Enclosed impeller design eliminates the possibility of jamming or corrosion between impeller and volute
- Durable motor will deliver many years of reliable service
- Oil-filled motor for maximum heat dissipation and constant bearing lubrication
- High-torque, permanent split capacitor (PSC), single-phase motors; no starting switches or relays to wear out
- Optional seal leak probe warns of seal leak condition (dual seal motors only); helps prevent costly motor damage
- Motors have a winding current and temperature-sensitive overload (single phase only)
- Volute seal ring is replaceable; restores pump to original performance if wear should occur
- Motor is held in place by 4 screws; easily removed if service is ever needed

P50 AND P100 SERIES

1/2 and 1 HP Effluent S.T.E.P. Pumps

SPECIFICATIONS

Applications	Effluent Removal, Sump Drainage, Water Transfer, Flood Control	
Capacities	60 GPM	227 LPM
Shut-off Head	124'	37.8 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic, effluent and drain water	
Intermittent Liquid Temperature	up to 140°F	up to 60°C
Motor Electrical Data	1/2 HP, 115V or 230V, 1Ø; 1 HP, 230V, 1Ø, oil-filled, permanent split capacitor type, 3450 RPM, 60Hz	
Acceptable pH Range	6-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	1-1/2"	38.1 mm
Housing	cast iron	
Minimum Sump Diameter		
Simplex:	24"	61 cm
Duplex:	36"	91.4 cm
Power Cord	20', 14/3 SJOW, SJOW-A	



FEATURES

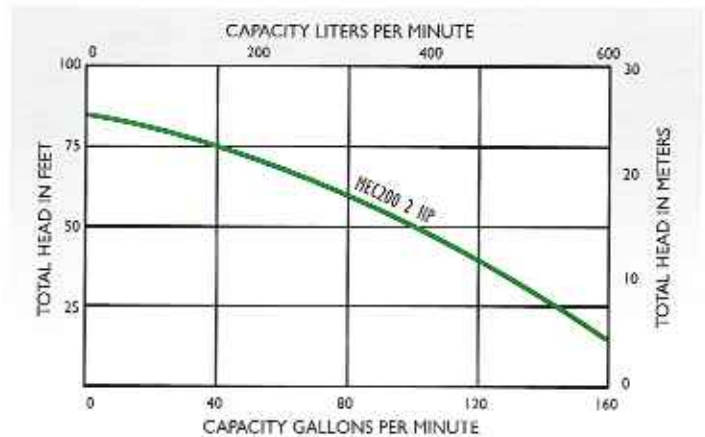
- P Series effluent pumps are designed for years of maintenance-free operation
- Single-vane, enclosed impeller provides steep, non-overloading performance curve for pressure collection and S.T.E.P. systems; outperforms most pumps in its class
- Enclosed impeller eliminates the possibility of jamming or corrosion between impeller and volute
- Passes 3/4" spherical solids
- 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
- Double tandem seal configuration for extra motor protection, tough effluent pumping applications
- Optional seal leak probes warn of seal leak condition; helps prevent costly motor damage
- On-winding current and temperature-sensitive overload to protect against costly burnout
- Volute seal ring is replaceable; restores pump to original performance if wear should occur
- Motor is held in place by 4 screws; easily removed if service is ever needed

MEC200 SERIES

2 HP High Capacity Effluent Pump

SPECIFICATIONS

Applications	Sewage, High-Capacity Sump, Effluent	
Capacities	160 GPM	605 LPM
Shut-off Head	85'	15.9 m
Max. Spherical Solids	3/4"	19 mm
Liquids Handling	domestic effluent and drain water	
Max. Liquid Temp.	130°F	55°C
Motor Electrical Data	2 HP, 3450 RPM, PSC with thermal overload, 230V, 11 FLA, 1Ø, 60Hz, 230V, 7.5 FLA, 3Ø, 60Hz, 460V, 3.8 FLA, 3Ø, 60Hz	
Acceptable pH Range	5-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	2"	50.8 mm
Housing	cast iron	
Minimum Sump Diameter		
Simplex:	24"	60.1 cm
Duplex:	36"	91.4 cm
Power Cord		
Single phase:	20' (6 m), 16/3, SJTW, SJTW-A	
Three phase:	20' (6 m), 16/4, SJW, SJW-A	



FEATURES

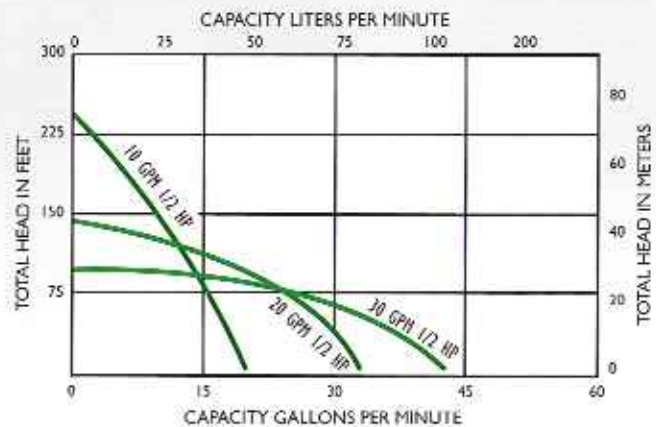
- 2 HP
- Class 30 cast iron construction
- 2" (50.8 mm) NPT discharge
- Dual silicon carbide shaft seals
- Standard controls available for automatic operation
- Oil-filled motor with automatic reset overload provides safe operation
- Ball-bearing construction for long life
- Easily replaceable power cord with optional lengths available

MD SERIES

1/2 HP On-site Effluent Pump

SPECIFICATIONS

Applications	On-Site Filtered Effluent, Cistern	
Capacities	2–35 GPM	7.6–132.5 LPM
Shut-off Head	75'–225'	22.9–68.6 m
Max. Spherical Solids	.080"	2.0 mm
Liquids Handling	filtered effluent	
Max. Liquid Temp.	86°F	30°C
Motor Electrical Data	Dry-wound, double ball bearing, double-seal, thermal overload protected, 115V, 1Ø, 60Hz	
Specific Gravity	.9–1.1	
Viscosity	28–35 SSU	
Discharge, NPT	1-1/4"	
Housing	stainless steel and composite	
Power Cord	10' 30 m	
	300V, 2-wire with ground, SJTW-A, SJTW	



FEATURES

- 1/2 HP, 115V, single-phase
- Superior drawdown capability to 4-1/2" (114 mm) vs. 13-1/2" (343 mm) on a standard NEMA 4"
- 25% reduced amp-draw 9.5A vs. 12.7A on a standard NEMA 4"
- Cooler and quieter operation – eliminates expensive "flow-inducer sleeves"
- Stainless steel and composite construction
- Exclusive dry-run capability
- Enclosed and self-lubricated shaft-bearing resists wear from abrasives
- Heavy 7/16" (12 mm) positive drive 300 Series stainless steel hexagonal shaft
- Serviceable composite intake screen — allows for 0.80" solids

2NFL AND J-BE SERIES

1/2 – 1 1/2 HP High Head Filtered Effluent Pumps

SPECIFICATIONS

Applications	On-Site Filtered Effluent	
Capacities	50 GPM	189 LPM
Shut-off Head	480'	146.30 m
Max. Spherical Solids	1/16"	1.6 mm
Liquids Handling	filtered effluent	
Max. Liquid Temp.	122°F	68°C
Motor Electrical Data	1/2 HP, 115V, 1Ø, 1/2 to 1-1/2 HP, 230V, 1Ø, 60Hz, 3450 RPM	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge NPT		
8, 12, and 20 GPM:	1-1/4"	31.8 mm
25, 30 and 35 GPM:	2"	50.8 mm
Housing	stainless steel	
Power Cord	10', jacketed, 14/3, SJOW	



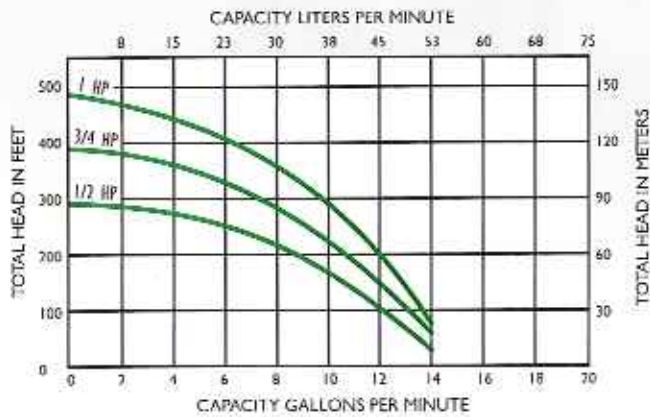
(Specifications charts on following page)

FEATURES

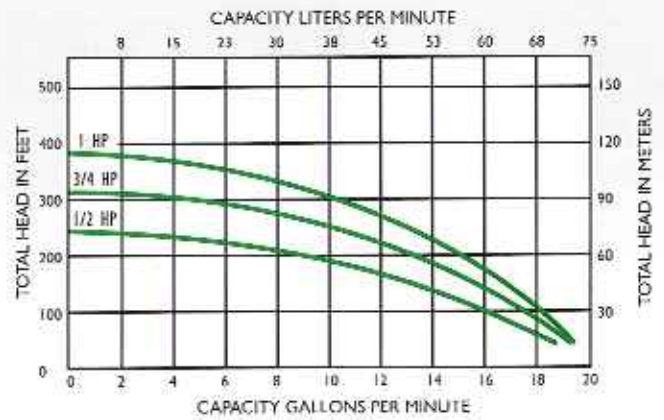
- Cost-effective wastewater systems
- High-pressure capacity
- Corrosion-resistant design for long life
- Dependable field proven motor
- Stainless steel construction
- Built-in overload protection
- Replaceable 10' jacketed power cord
- Hermetically sealed windings
- Continuous-duty rating
- Frequent cycling capabilities
- Powerful, yet lightweight
- Easy handling and installation

2NFL AND J-BE SERIES PERFORMANCE

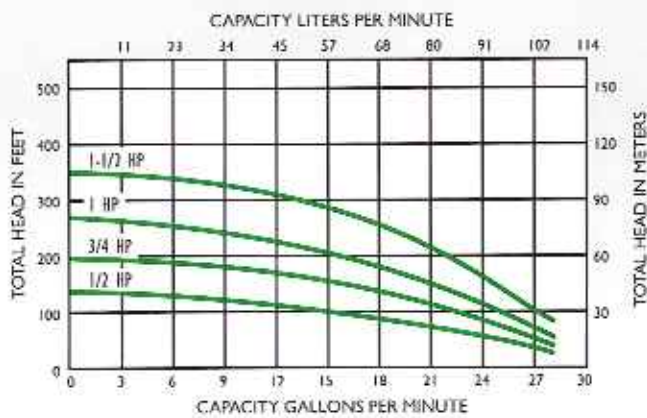
8 GPM



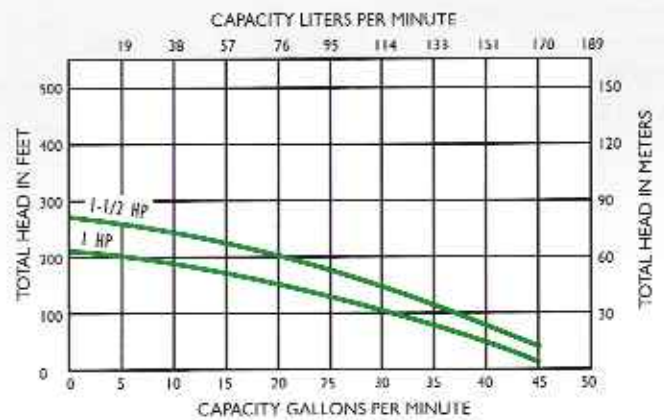
12 GPM



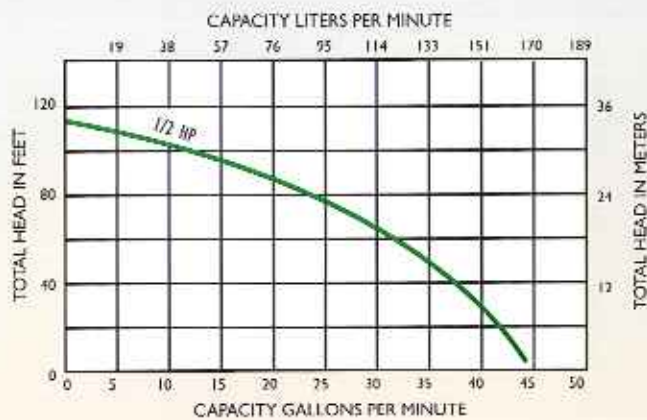
20 GPM



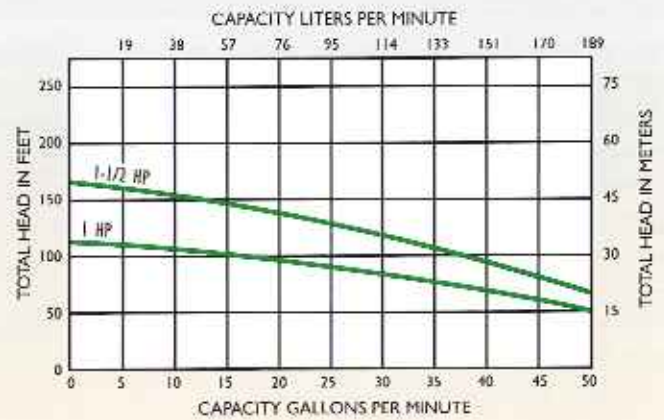
25 GPM



30 GPM



35 GPM

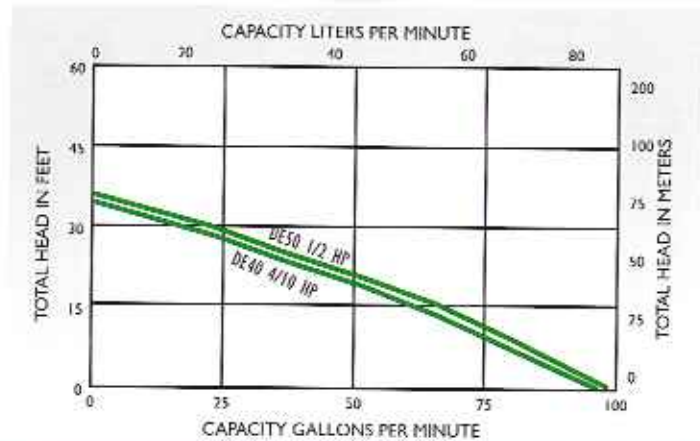


DE SERIES

4/10 and 1/2 HP Stainless Steel Continuous Duty Effluent Pump

SPECIFICATIONS

Applications	Residential and Commercial Applications	
Capacities	97 GPM	367 LPM
Shut-off Head	36'	11 m
Max. Spherical Solids	1-1/2"	38 mm
Liquids Handling	domestic effluent and drain water	
Continuous Liquid Temp.	130°F	54°C
Motor Electrical Data	4/10-1/2 HP, 115V; 4/10 HP, 10.5A; 1/2 HP, 12A; 60Hz	
Acceptable pH Range	5-9	
Specific Gravity	.9-1.1	
Viscosity	28-35 SSU	
Discharge, NPT	2"	50 mm
Housing	stainless steel	
Minimum Sump Diameter		
Simplex:	18"	46 cm
Duplex:	24"	60 cm
Power Cord	20', SJOW, 16 AWG	



FEATURES

- Pumps up to 97 GPM (1/2 HP) and 92 GPM (4/10 HP)
- Designed to quickly clear water or effluent
- PSC motor with self-lubricating ball-bearing construction
- Ideal for residential and commercial applications
- Tethered float switch
- Double-lip seal with ceramic wear surface
- Suitable for continuous use
- Includes 90° discharge elbow

LIMITED WARRANTY SUMP & RESIDENTIAL SEWAGE

During the time periods and subject to the conditions hereinafter set forth, F.E. 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[®]

1101 Myers Parkway
Ashland, Ohio 44805
419/289-1144 • Fax: 419/289-6658

269 Trillium Drive
Kitchener, Ontario, Canada N2G 4W5
519/748-5170 • Fax: 519/748-2553



www.myerspump.com

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