

SUMP, EFFLUENT, SEWAGE, UTILITY AND ACCESSORIES



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SUMP PUMPS

Pentair Myers offers submersible and sump pumps that handle solids up to 1/2". Available in a variety of materials and construction options, these high performance sump pumps come in manual or automatic operation with reliable vertical or tethered switches.

For quick and easy installation, you can also choose a pre-packaged system that arrives fully assembled in a sump basin from the factory.



MODEL	HP	SOLIDS SIZE (IN)	SHUTOFF (FT)	TOTAL HEAD (FT)					
				5	10	15	20	25	30
MS33P	1/3	3/16	24	53	45	36	24	-	-
MS50P	1/2	3/16	24	63	54	42	27	-	-
MS33	1/3	1/4	25	53	45	36	24	-	-
MS50	1/2	1/4	25	66	56	44	28	-	-
MDC33	1/3	1/2	23	48	40	29	15	-	-
MDC50	1/2	1/2	32	62	53	46	38	29	10
MSCI33	1/3	3/8	22	71	60	44	17	-	-
MSCI50	1/2	3/8	29	87	76	63	49	30	-
DS33	1/3	3/4	16	13	9	6	-	-	-
DS50	1/2	3/4	23	34	25	15	-	-	-
DS75	3/4	3/4	26	45	34	21	12	3	-
ED-MS33PV10	1/3	3/16	24	53	45	36	24	-	-
ED33V1	1/3	1/2	23	48	39	29	14	-	-
MS1822	1/3	3/16	24	53	45	36	24	-	-

SUBMERSIBLE SUMP PUMPS

MS(P) SERIES

The Myers MS(P) Series Submersible Sump Pumps feature a zinc thermoplastic construction with a plastic volute and come in 1/3 HP and 1/2 HP models.

FEATURES

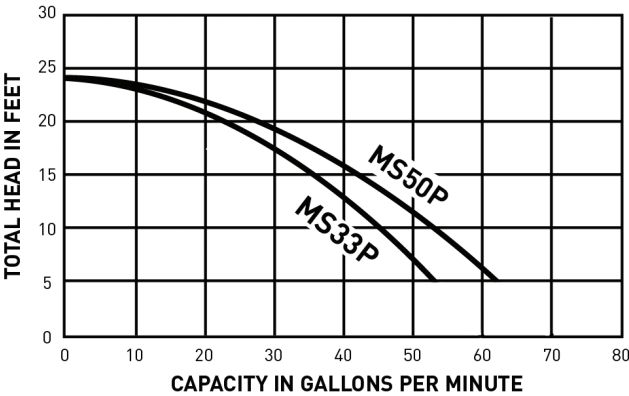
- ◆ Inexpensive yet versatile sump pump designed for light-duty drain water removal.
- ◆ Maintenance free operation.
- ◆ Wide-angle for 14" or larger sumps. Vertical switch for small 10" sumps.
- ◆ Dual ball-bearing motor and double lip seal provide durability and longer pump life.
- ◆ Durable PSC motor for years of service.
- ◆ Oil-filled motor for maximum heat dissipation, continuous bearing lubrication.
- ◆ Thermal overload protection with automatic reset.

SPECIFICATIONS

- ◆ **Capacities:** 53 GPM/63 GPM
- ◆ **Shut-Off Head:** 24' (7.3 m)
- ◆ **Tethered Operation:** When On = 14" (356mm); When Off = 5" (127 mm)
- ◆ **Vertical Operation:** When On = 7.5" (190.5 mm); When Off = 3" (76 mm)
- ◆ **Solids Handling:** 3/16" (4.78 mm)
- ◆ **Liquids Handling:** Drain water
- ◆ **Continuous Liquid Temp:** 77°F (25°C)
- ◆ **Motor:** 1/3 HP or 1/2 HP PSC Motor
- ◆ **Electrical Data:** 3000 RPM, 115V, 1Ø, 60Hz
FLA 1/3 HP = 3.9, 1/2 HP = 4.1
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Shaft Seal:** Double lip
- ◆ **Motor Housing:** Zinc
- ◆ **Volute Case:** Thermoplastic
- ◆ **Power Cord:** 10' (25.4 m)
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Min. Sump Diameter for Float:** 14" (356 mm)
- ◆ **Vertical Min. Sump Diameter:** 10" (254 mm)

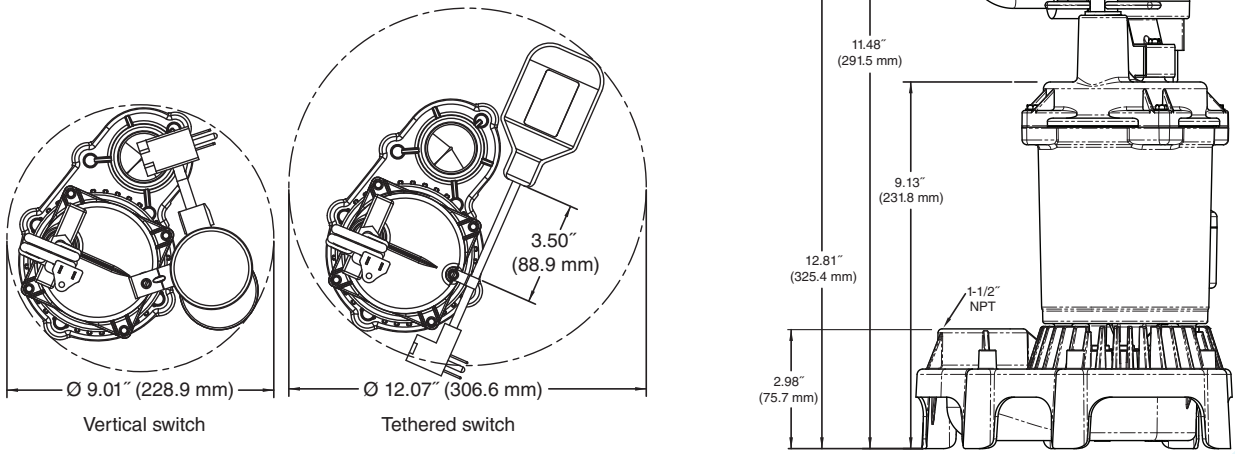


PUMP PERFORMANCE



DIMENSIONS

MS33P AND MS50P SERIES



ORDERING INFORMATION

MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MS33PV10	1/3	53	24	1-1/2"	3/16"	115	3.9	1	10'	PV
MS33PT10	1/3	53	24	1-1/2"	3/16"	115	3.9	1	10'	PT
MS33PV20	1/3	53	24	1-1/2"	3/16"	115	3.9	1	20'	PV
MS50PV10	1/2	63	24	1-1/2"	3/16"	115	4.1	1	10'	PV
MS50PT20	1/2	63	24	1-1/2"	3/16"	115	4.1	1	20'	PT

All float switches are piggyback.

SUBMERSIBLE SUMP PUMPS

MS SERIES

APPLICATIONS

The MS Series Submersible Sump Pumps are designed for many light-duty jobs, including drain water removal or permanent applications with small amounts of debris.

FEATURES

- ◆ Maintenance free operation.
- ◆ Wide-angle for 14" or larger sumps. Vertical switch or diaphragm switch for small 10" or larger sumps.
- ◆ Dual ball-bearing motor and double lip seal provide durability and longer pump life.
- ◆ Durable PSC motor for years of service.
- ◆ Oil-filled motor for maximum heat dissipation, continuous bearing lubrication.
- ◆ Thermal overload protection with automatic reset.

SPECIFICATIONS

- ◆ **Capacities:** 53 GPM/63 GPM
- ◆ **Shut-Off Head:** 25' (7.6 m)
- ◆ **Tethered Operation:** When On = 14" (356mm); When Off = 5" (127 mm)
- ◆ **Vertical Operation:** When On = 7-1/2" (190.5 mm); When Off = 3" (76 mm)
- ◆ **Diaphragm Operation:** When On = 9-1/2" (241 mm); When Off = 5" (127 mm)
- ◆ **Solids Handling:** 1/4" (6.4 mm)
- ◆ **Liquids Handling:** Drain water
- ◆ **Intermittent Liquid Temp:** Up to 140°F (60°C)
- ◆ **Motor:** 1/3 HP or 1/2 HP PSC motor
- ◆ **Electrical Data:** 3000 RPM, 115V, 1Ø, 60Hz FLA 1/3 HP = 3.9, 1/2 HP = 4.1
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Shaft Seal:** Double lip
- ◆ **Motor Housing:** Corrosion resistant material
- ◆ **Volute Case:** Cast iron
- ◆ **Power Cord:** 10' (25.4 m)
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Tethered Float Min. Sump Dia.:** 14" (356 mm)
- ◆ **Vertical Float or Diaphragm Switch Min. Sump Dia.:** 10" (254 mm)



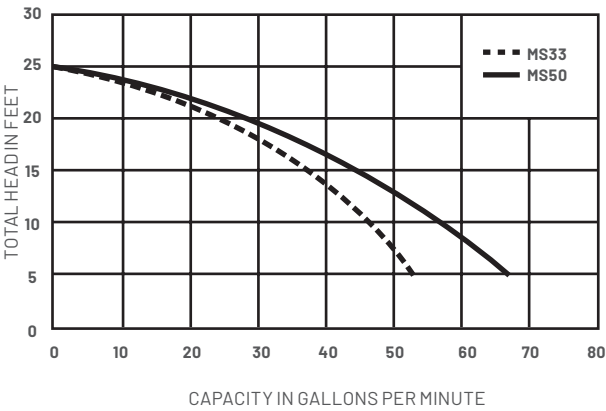
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and CSA 108.
3 Year Warranty

ORDERING INFORMATION

MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MS33V10	1/3	53	25	1-1/2"	1/4"	115	3.9	1	10'	PV
MS33D10	1/3	53	25	1-1/2"	1/4"	115	3.9	1	10'	PD
MS33T10	1/3	53	25	1-1/2"	1/4"	115	3.9	1	10'	PT

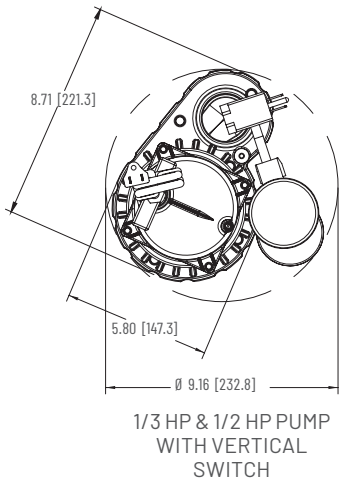
All float switches are piggyback.

PUMP PERFORMANCE

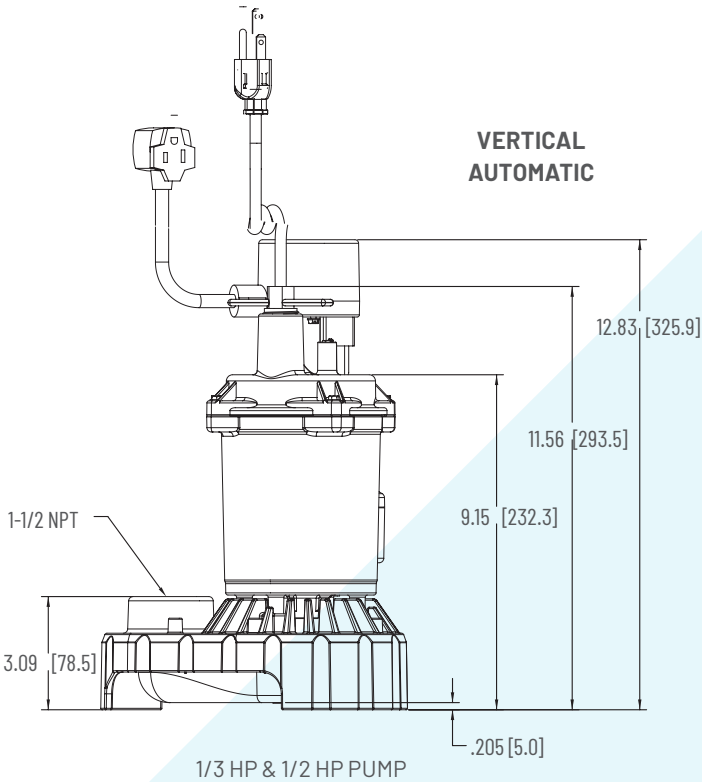
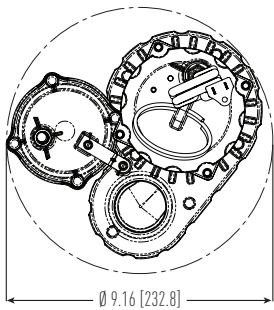


DIMENSIONS

VERTICAL
AUTOMATIC



DIAPHRAGM
AUTOMATIC



SUBMERSIBLE SUMP/LIGHT EFFLUENT PUMPS

MDC SERIES

The Myers MDC Series Submersible Sump/Light effluent Pumps are designed to operate in a variety of installations. A unique combination of corrosion-resistant materials make these pumps a great choice for extreme conditions. Pump intake screen, impeller, volute base, switch, and power cord are serviceable.

APPLICATIONS

Sump, light effluent, and dewatering.



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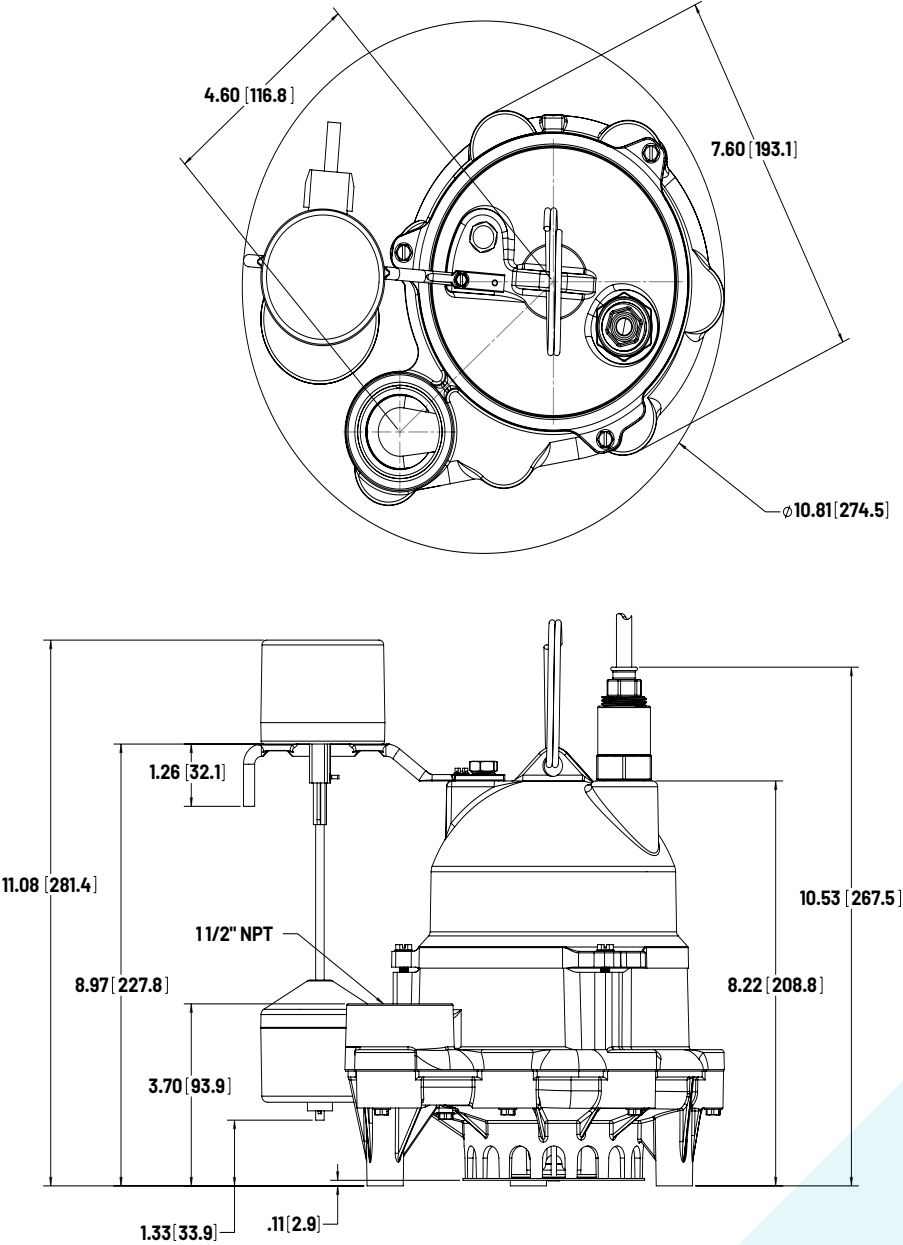
FEATURES

- ◆ **Solid and Reliable:** High endurance, oil-cooled motor provides continuous bearing lubrication and maximizes heat dissipation.
- ◆ **Motor Protection:** Long-life carbon/ceramic seal protects motor against water leakage.
- ◆ **Thermal Overload:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **Piggyback Plug for Convenience:** Offered in manual or automatic operation. Tethered, Vertical and Diaphragm switch models offer a piggyback plug for easy service.

SPECIFICATIONS

- ◆ **Capacities:** MDC33 = 48 GPM (182 LPM), MDC50 = 62 GPM (235 LPM)
- ◆ **Shut-Off Head:** MDC33 = 24'; MDC50 = 32'
- ◆ **Float Switch Dim.:** On = 9" (229 mm), Off = 4" (102 mm)
- ◆ **Float Switch Operation:** Automatic; Manual
- ◆ **Solids Handling:** 1/2" (12.7 mm)
- ◆ **Liquids Handling:** Drainage effluent
- ◆ **Continuous Liquid Temp.:** 130°F (54°C)
- ◆ **Motor Electrical Data:** MDC33, 9.8A; MDC50, 12A; shaded pole with thermal overload protection, 115V, 1Ø, 60Hz, 1550 RPM
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Shaft Seal:** Carbon and ceramic
- ◆ **Housing/Volute:** Heavy cast iron
- ◆ **Volute Base:** Available in fiberglass reinforced polypropylene or heavy cast iron
- ◆ **Impeller:** Fiberglass-reinforced Noryl® with threaded brass insert
- ◆ **Exterior Hardware:** Stainless steel
- ◆ **Power Cord:** 10' (3 m) or 20' (6 m), 16/3, SJTW-A, SJTW
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Min. Basin Dia.:** 10" (25.4 cm)

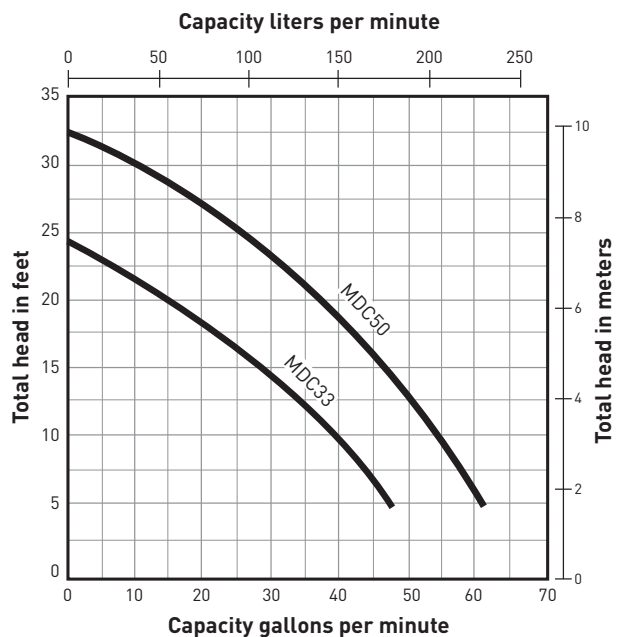
DIMENSIONS



Vertical Float
Designed to fit 12" or larger basins

SUBMERSIBLE SUMP/LIGHT EFFLUENT PUMPS MDC SERIES

PUMP PERFORMANCE



ORDERING INFORMATION

MODEL #	SWITCH	CORD	LOWER CASING VOLUTE MATERIAL	VOLTS/ PHASE	AMPS	DISCHARGE NPT	APPROX WT.V
MDC33T10	Tethered	10' (3.1 m)	Engineered Polymer	115/1	9.8	1-1/2" NPT	25 (11.4 kg)
MDC33T20	Tethered	20' (6.1 m)	Engineered Polymer		9.8		
MDC33TCI10	Tethered	10' (3.1 m)	Cast Iron		9.8		
MDC33TCI20	Tethered	20' (6.1 m)	Cast Iron		9.8		
MDC33V10	Vertical	10' (3.1 m)	Engineered Polymer		9.8		
MDC33VCI10	Vertical	10' (3.1 m)	Cast Iron		9.8		
MDC33D10	Diaphragm	10' (3.1 m)	Engineered Polymer		9.8		
MDC50T10	Tethered	10' (3.1 m)	Engineered Polymer		12.0		
MDC50T20	Tethered	20' (6.1 m)	Engineered Polymer		12.0		
MDC50TCI20	Tethered	20' (6.1 m)	Cast Iron		12.0		
MDC50V10	Vertical	10' (3.1 m)	Engineered Polymer		12.0		
MDC50V20	Vertical	20' (6.1 m)	Engineered Polymer		12.0		
MDC50VCI10	Vertical	10' (3.1 m)	Cast Iron		12.0		

All float switches are piggyback.

HEAVY DUTY CAST IRON SUBMERSIBLE SUMP PUMPS

MSCI SERIES

APPLICATIONS

Basement sumps and dewatering.

FEATURES

- ◆ Performance where it counts with 60 GPM at 10' for 1/3HP or 76 GPM at 10' for 1/2HP.
- ◆ Heavy-duty cast iron construction.
- ◆ Upper and lower double lip seals deliver smoother operation.
- ◆ Dual ball bearings.
- ◆ Permanent split capacitor (PSC) motor promotes less energy consumption and longer life.
- ◆ Multiple automatic switch options.
- ◆ Raised inlet to reduce the maintenance time.

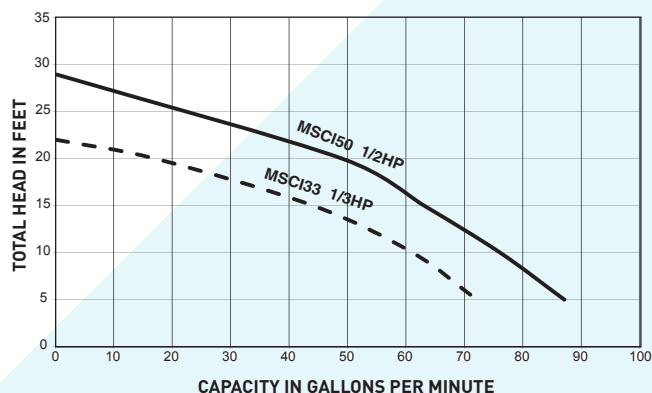


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3 Year Warranty

SPECIFICATIONS

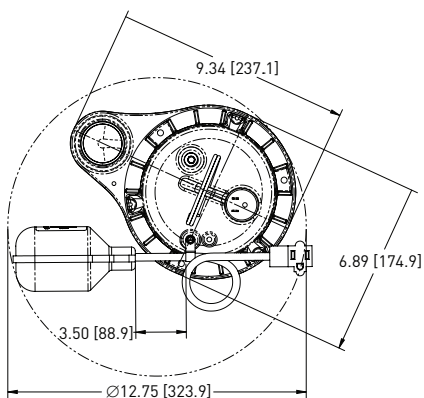
- ◆ **Capacities:** MSCI33 = 72 GPM (272 LPM); MSCI50 = 87 GPM (329 LPM)
- ◆ **Shut-Off Head:** MSCI33 = 22' (6.70 m); MSCI50 = 29' (8.84 m)
- ◆ **Operation:** Tethered: On = 13-1/2" (43 mm); Tethered: Off = 4-1/2" (114 mm). Vertical: On = 7-1/2" (190.5 mm); Vertical: Off = 3" (76 mm). Diaphragm: On = 9" (228.6 mm); Diaphragm: Off = 4-1/2" (114 mm)
- ◆ **Solids Handling:** 3/8" (9.6 mm)
- ◆ **Intermittent Liquid Temp:** 32°F to 70°F (0°C-21°C)
- ◆ **Motor:** PSC motor
- ◆ **Electrical Data:** 115V, 60 HZ., 15 Amp Circuit
- ◆ **Individual Branch Circuit Required (min.):** 15 Amps
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Shaft Seal Type:** 2x double lip
- ◆ **Motor Housing:** Cast iron
- ◆ **Volute Case:** Cast iron
- ◆ **Impeller:** Recessed vortex impeller
- ◆ **Power Cord:** 10' 18/3 (3.05 m) SJTW optional cord lengths are available
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Min. Sump Dia.:** 10" (254 mm)

PERFORMANCE

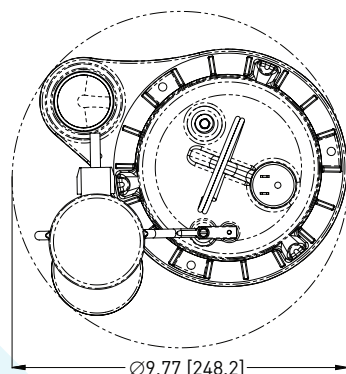
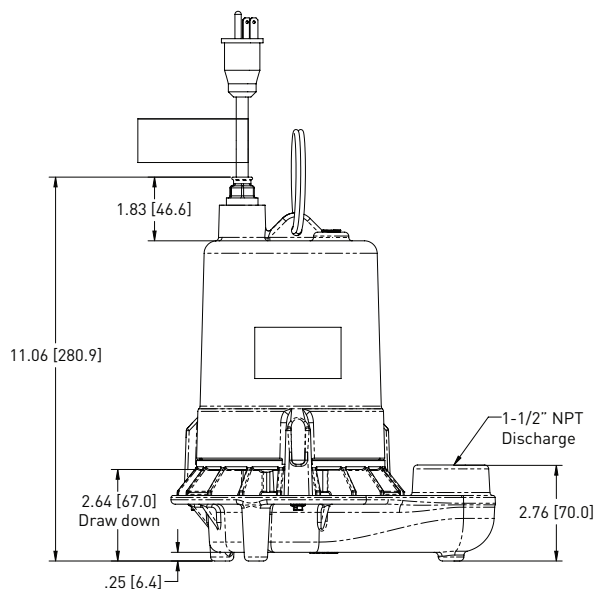


HEAVY DUTY CAST IRON SUBMERSIBLE SUMP PUMPS MSC1 SERIES

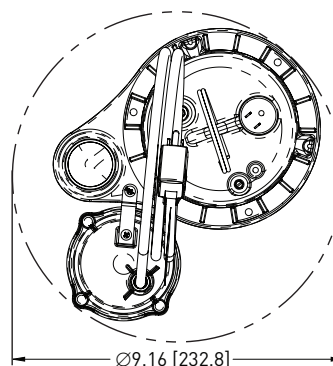
DIMENSIONS



Tethered Automatic



Vertical Automatic



Diaphragm Automatic

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MSCI33T10	-	1/3	71	22	1-1/2"	3/8"	115	6.9	1	10'	PT
MSCI33V10	-	1/3	71	22	1-1/2"	3/8"	115	6.9	1	10'	PV
MSCI33D10	-	1/3	71	22	1-1/2"	3/8"	115	6.9	1	10'	PD
MSCI50D10	-	1/2	87	29	1-1/2"	3/8"	115	7.7	1	10'	PD
MSCI50T10	-	1/2	87	29	1-1/2"	3/8"	115	7.7	1	10'	PT
MSCI50T20	-	1/2	87	29	1-1/2"	3/8"	115	7.7	1	20'	PT

All float switches are piggyback.

STAINLESS STEEL SUMP PUMPS

DS SERIES

The Myers DS Series Stainless Steel Sump Pumps are designed for basement sumps, but are also ideal for dewatering duties in a variety of applications. This versatile pump features stainless steel construction for extreme resistance to corrosive environments and will provide years of superior service.

APPLICATIONS

Basement sumps, dewatering, and utility.

FEATURES

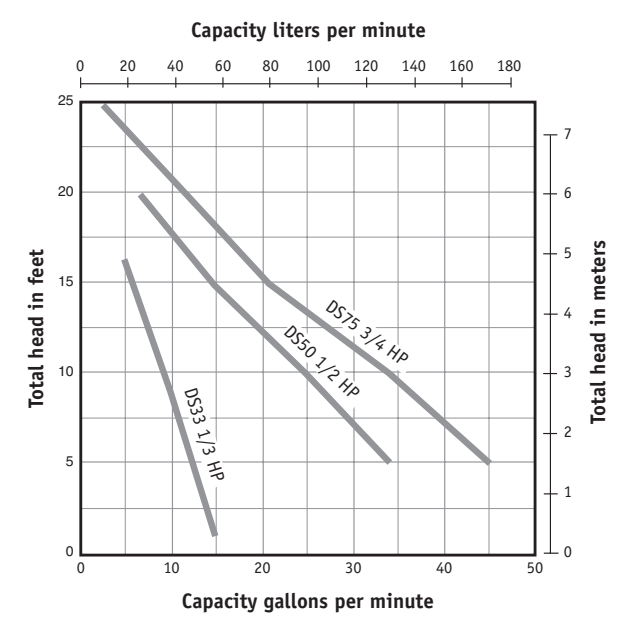
- ◆ **Versatile Performer:** Ideal for dewatering in construction sites, ponds, pits, tanks and water extraction from foundations and flooded basements.
- ◆ **Stainless Steel Tough:** Stainless steel housing and volute case resist corrosion and withstand the harshest conditions.
- ◆ **Powerful Start Ups:** High-torque, permanent split capacitor (PSC) motor; no relays or starting switches to wear out.
- ◆ **Double Protected Motor:** Long-life carbon/ceramic seal and additional lip seal protect motor against water leakage.
- ◆ **Extended Service:** Fully lubricated bearings and shaft seal for longer service life.
- ◆ **Smooth Operation:** Impeller is designed for clog resistance and effectively handles solids up to 3/4" in diameter.

SPECIFICATIONS

- ◆ **Capacities:** Up to 45 GPM (170.3 LPM)
- ◆ **Shut-Off Head:** Up to 26' (98.4 m)
- ◆ **Operation:** On = 13.5" (342.9 mm); Off = 6.75" (171.5 mm)
- ◆ **Solids Handling:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Drain water
- ◆ **Continuous Liquid Temp.:** DS50P1 = 131°F (55°C)
- ◆ **Motor/Electrical Data:** 1/3 HP, 2.7A; 1/2 HP, 4.8A; 3/4 HP, 6.4A; 115V; 60Hz, permanent split capacitor type, 3450 RPM
- ◆ **Fittings Included:** 1-1/4" NPT x 1-1/4" NPT 90° discharge elbow, 1-1/4" NPT x 1-1/2" adapter.
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Shaft Seal:** Dual lip with ceramic shaft seal
- ◆ **Housing:** Stainless steel
- ◆ **Power Cord:** 15', SJTW, 18/3
- ◆ **Discharge NPT:** 1-1/4"
- ◆ **Min. Sump Diameter:** 14"



PUMP PERFORMANCE



ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
DS50P1	1/2	115	1	4.8	1-1/4"	Tethered Automatic*	15'	16

*Piggyback

SINK PUMP SYSTEM

ED-MS33PV10 SERIES

The ED-MS33PV10 Series Sink Pump System is specially designed for many household jobs. Fast, easy installation with no need to dig a sump pit. This under sink alternative is pre-piped and factory assembled. Components are corrosion-resistant thermoplastic for years of extended service.

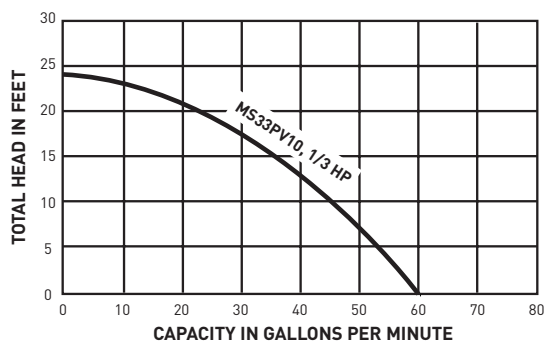
APPLICATIONS

Laundry trays, washing machines, wet bars, water softeners, and dehumidifiers.

FEATURES

- ◆ High capacity 1/3 HP pump.
- ◆ Oil-filled for maximum heat dissipation and constant lubrication.
- ◆ Thermal overload protection with automatic reset
- ◆ Pre-assembled and installs above floor. Includes discharge pipe inside basin.

PUMP PERFORMANCE



SP
c us

SSPMA

Tested & Certified to UL778
and CSA 108.
3 Year Warranty

SPECIFICATIONS

- ◆ **Capacities:** 53 GPM (227 LPM)
- ◆ **Shut-Off Head:** 24' (7.3 m)
- ◆ **Operation:** On = 7-1/2" (191 mm); Off = 3" (76 mm)
- ◆ **Solids Handling:** 3/16" (4.78 mm)
- ◆ **Liquids Handling:** Drain water
- ◆ **Intermittent Liquid Temp:** 77°F (25°C)
- ◆ **Motor/Electrical Data:** 1/3 HP, 115V, 3.9A, 1Ø, 60Hz
- ◆ **Shaft Seal:** Double lip seal
- ◆ **Housing:** Plastic
- ◆ **Power Cord:** 10' (3.1 m) 18/3
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Basin Material:** Polyethylene
- ◆ **Basin Dimensions:** 14-1/2" w x 16" h (368 mm x 406 mm)
- ◆ **Basin Capacity:** 5 Gallons | 18.9 Liters
- ◆ **Basin Lid Material:** Polyethylene

ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS.
ED-MS33PV10	1/3	115	1	3.9 FLA	1-1/2"	Automatic	10'	27

SINK PUMP SYSTEM

ED33 SERIES

The ED33 Series Sink Pump System is a time and money saving solution and suited for many jobs. Fast, easy installation with no need to dig a sump pit. This pre-packaged sink pump system includes a heavy duty cast iron pump and a corrosion resistant poly basin years making it perfect for extended service.

APPLICATIONS

Laundry trays, wet bars, beautician or utility sinks, dehumidifiers, and air-conditioning units.

FEATURES

- ◆ **On Ground Installation:** Without the requirement of digging a sump pit, the system quickly sets up on any solid surface.
- ◆ **Heavy Duty Basin Design:** Corrosion resistant, heavy duty poly basin with curved edge design for increased strength and longer service life.
- ◆ **High Flow Discharge:** 1-1/2" NPT discharge.
- ◆ **Operation:** Automatic vertical switch with piggy-back plug for manual operation.
- ◆ **Years of Service:** Includes the dependable and tested MDC series pump.
- ◆ **Industry Proven Pump Design:**
 - Oil-cooled motor for continuous lubrication and heat dissipation.
 - Long life carbon/ceramic seal protects motor against water leakage.
 - Internal heat sensor provides over-load protection and automatic reset.
 - Shaded pole motor eliminates failure prone internal relays and switches.



Tested & Certified to UL778
and CSA 108.
3 Year Warranty

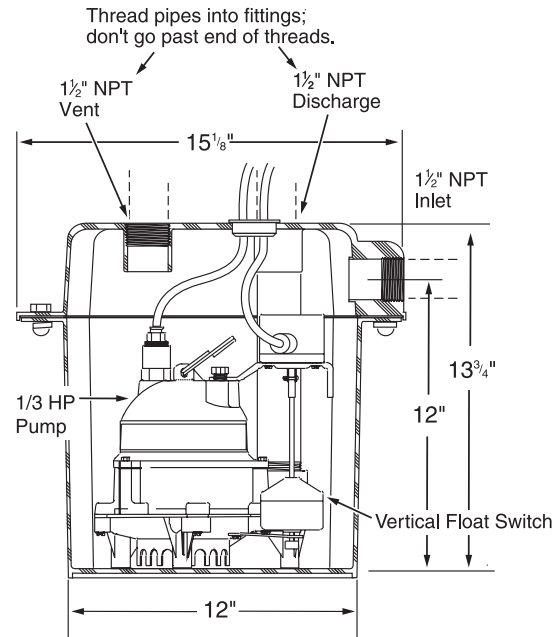
SPECIFICATIONS

- ◆ **Capacities:** 53 GPM (182 LPM)
- ◆ **Shut-Off Head:** 24' (7.3 m)
- ◆ **Operation:** On = 6-1/2" (165 mm) Off = 2" (50 mm)
- ◆ **Solids Handling:** 1/2 (12.7 mm)
- ◆ **Liquids Handling:** Drainage effluent
- ◆ **Intermittent Liquid Temp.:** Up to 130°F (54°C)
- ◆ **Motor/Electrical Data:** 1/3 HP, 115V, 9.8 FLA, 1Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Shaft Seal:** Carbon and ceramic
- ◆ **Housing:** Cast iron
- ◆ **Power Cord:** 10' (3 m), grounded SJTW, SJTW-A
- ◆ **Discharge NPT:** 1-1/2"

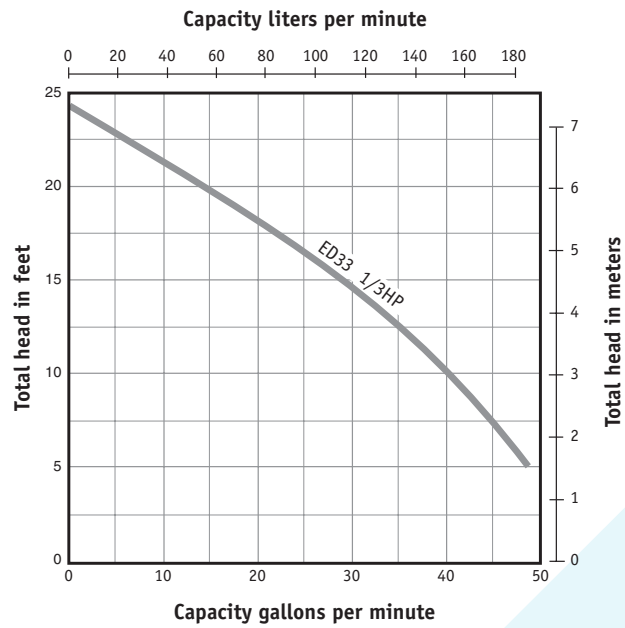
ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS.
ED33V1	1/3	115	1	9.8	1-1/2"	Vertical Automatic	10'	34

DIMENSIONS



PUMP PERFORMANCE



EFFLUENT PUMPS

Pentair Myers effluent pumps are designed for use in applications that require handling solids of less than 1". Durable cast iron construction and high performing flow rates make Myers effluent pumps a great solution for on-site septic systems that move gray water.

Myers also offers high head effluent submersible pumps, designed for on-site septic systems that require higher head and flow.



MODELS	HP	SOLIDS SIZE (IN)	SHUTOFF (FT)	TOTAL HEAD (FT)															
				5	10	15	20	25	30	35	40	50	60	70	80	90	100	110	120
ME3	1/3	3/4	31	66	59	49	38	24	5	-	-	-	-	-	-	-	-	-	-
ME40	4/10	3/4	32	80	70	59	43	31	18	8	-	-	-	-	-	-	-	-	-
ME45	1/2	3/4	44	-	87	75	59	43	31	18	8	-	-	-	-	-	-	-	-
MESPD50	1/2	3/4	50	-	109	93	80	63	48	33	21	-	-	-	-	-	-	-	-
MESPD100	1	3/4	64	-	138	129	122	111	99	85	66	31	7	-	-	-	-	-	-
ME50	1/2	3/4	56	-	87	84	79	74	67	61	53	31	-	-	-	-	-	-	-
ME75	3/4	3/4	63	-	97	94	90	85	78	71	63	43	10	-	-	-	-	-	-
ME100	1	3/4	85	-	-	112	108	102	97	92	86	71	54	30	8	-	-	-	-
ME150	1-1/2	3/4	95	-	-	-	118	114	110	105	100	89	75	56	28	9	-	-	-
P50	1/2	3/4	79	-	57	55	53	50	47	44	41	34	24	12	-	-	-	-	-
P100	1	3/4	124	-	-	-	59	58	57	56	55	52	49	44	38	31	24	15	4
DE40	4/10	1-1/2	33	92	80	66	53	38	19	-	-	-	-	-	-	-	-	-	-
DE50	1/2	1-1/2	36	97	83	69	56	42	25	5	-	-	-	-	-	-	-	-	-
MD10	1/2	2/25	225	20	20	20	19	19	19	18	18	17	17	16	15	15	14	13	12
MD20	1/2	2/25	140	33	33	32	32	32	31	31	30	29	28	26	24	22	19	16	12
MD30	1/2	2/25	75	43	42	42	41	40	40	39	39	35	32	29	24	17	-	-	-

SUBMERSIBLE EFFLUENT PUMP

ME3 SERIES

The Myers ME3 Series Submersible Effluent Pumps are constructed of the most durable combination of materials to withstand the harshest environments. The ME3 comes with an enclosed impeller for high-flow installations. Available in tethered automatic piggyback models or manual models for use with external controls.

APPLICATIONS

Effluent removal, sump drainage, water transfer, and flood control.



FEATURES

- ◆ **Maximum Heat Handling:** Durable, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Powerful Starts:** High-torque, no starting switches or relays to wear out.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **Longer Lasting Motor:** Lower ball bearing eliminates sleeve bearing wear and reduces motor wear.
- ◆ **Manual Operation:** Tethered automatic models can be operated manually by unplugging piggyback switch and plugging pump directly into outlet.

SPECIFICATIONS

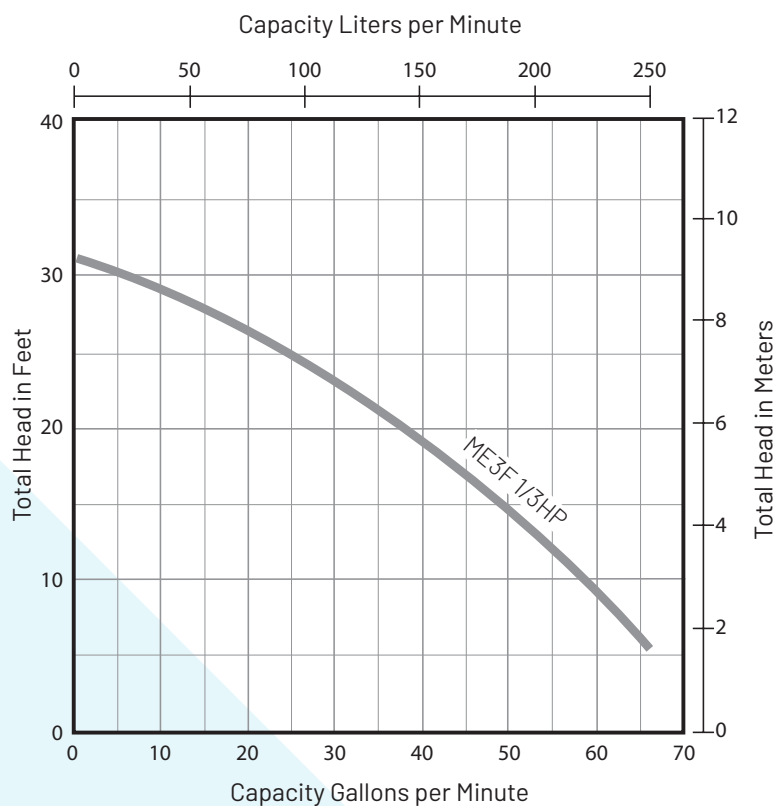
- ◆ **Capacities:** 66 GPM (249 LPM)
- ◆ **Shut-Off Head:** 31' (9.5 m)
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic effluent and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 1/3 HP, 1550 RPM, shaded pole, oil-filled; 115V, 12.5A, 1Ø, 60Hz; 230V, 6.4A, 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" (61.0 cm)
Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 20', 16/3, SJTW

ELECTRICAL DATA

MODEL#	HP	VOLTS	PHASE	AMPS	DISCHARGE SIZE	SWITCH TYPE	APPROX CORD LENGTH	WT. LBS
ME3F-11	1/3	115	1	12.5	1-1/2"	Manual	20'	37
ME3F-11P	1/3	115	1	12.5	1-1/2"	Automatic*	20'	38
ME3F-21	1/3	230	1	6.4	1-1/2"	Manual	20'	37
ME3F-21P	1/3	230	1	6.4	1-1/2"	Automatic*	20'	38

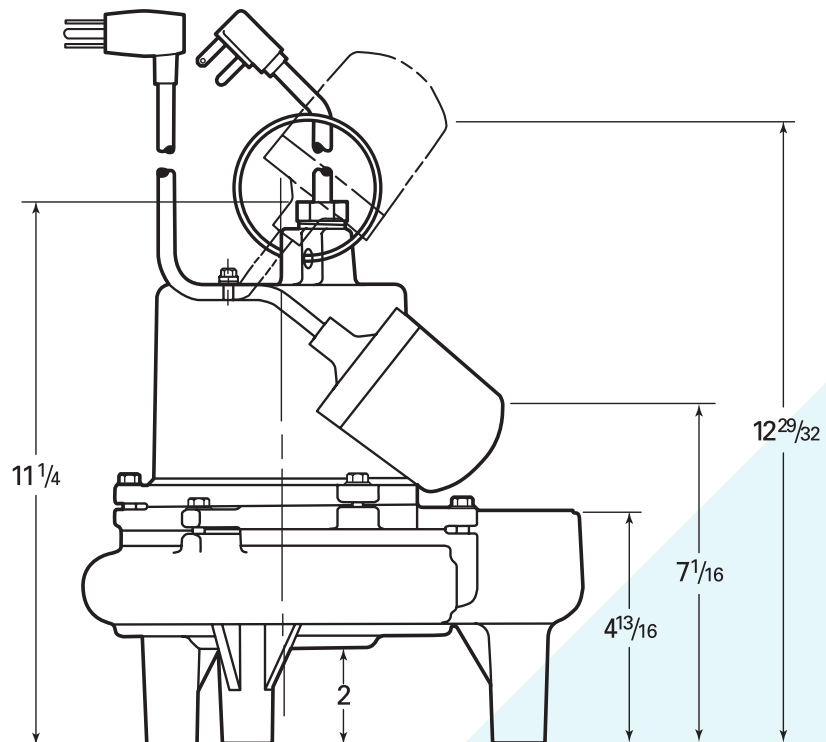
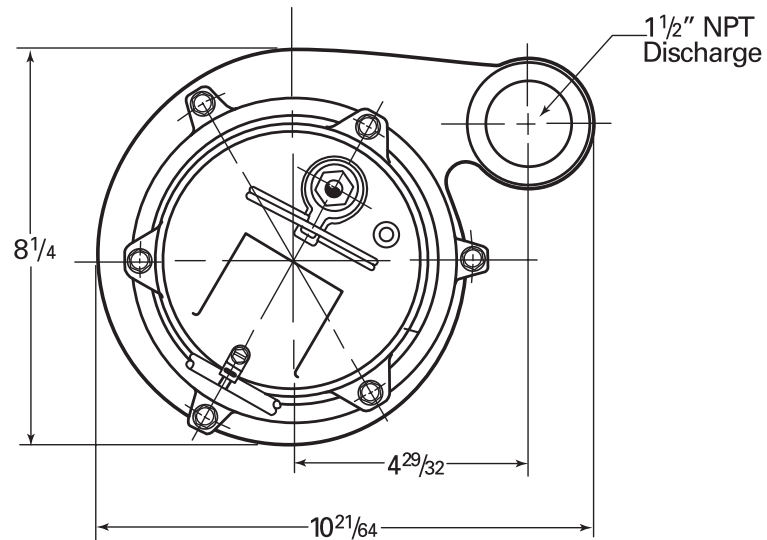
*Piggyback

PERFORMANCE DATA



DIMENSIONAL DATA

Measurements shown in inches.



RESIDENTIAL EFFLUENT AND DRAIN WATER PUMPS

ME40 SERIES

The Myers ME40 series effluent pumps are one of the industry's most efficient models featuring a 4/10 HP motor. This powerful pump provides the flow and head required for demanding dosing systems and drainage applications. The ME40 incorporates a combined cast iron, engineered thermoplastic, and stainless steel to produce a powerful and highly durable pump. Available with automatic float switch or manual models for use with external controls for precision dosing installations.

APPLICATIONS

Residential effluent removal, sump drainage, water transfer, and flood control.

FEATURES

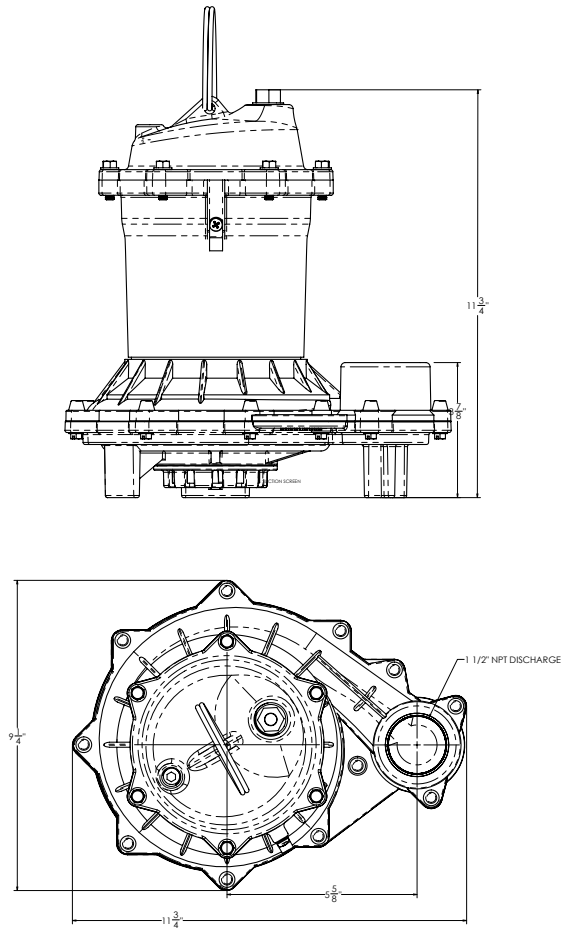
- ◆ **Efficient Dosing:** Two-vane cast iron impeller design provides maximum dosing efficiency.
- ◆ **Powerful Torque:** High-torque, permanent split capacitor (PSC) motor. No starting switches or relays to wear out.
- ◆ **Rugged and Cool:** Rugged-built, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Seal Protection:** Lower ball bearing and heavy duty Type 6 seal for added pump life.
- ◆ **Automatically Better:** Field-tested, wide-angle, mercury-free float switch provides maximum drawdown (automatic models only).
- ◆ **Dual Operation:** Automatic float switch or manual operation by plugging directly into outlet.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.



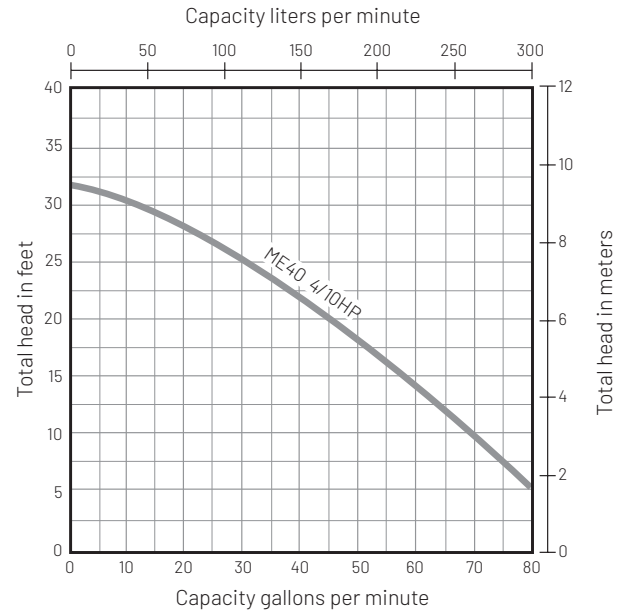
SPECIFICATIONS

- ◆ **Capacities:** 80 GPM (303 LPM)
- ◆ **Shut-Off Head:** 32' (9.75 m)
- ◆ **Operation:** Manual or automatic
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic effluent and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 4/10 HP, 1650 RPM, oil-filled, permanent split capacitor type, 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"
- ◆ **Motor Housing:** Cast iron
- ◆ **Casing:** Thermoplastic
- ◆ **Minimum Basin Diameter:** Simplex: 24" (61.0 cm)
Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 10' or 20', 16/3, SJTW (3.1 m) and (6.1 m)

DIMENSIONS



PUMP PERFORMANCE



ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
ME40P-1	4/10	115	1	12.0	1-1/2" FNPT	Tethered Automatic	10' (3.1 m)	27 (12.2 kg)
ME40PC-1	4/10	115	1	12.0	1-1/2" FNPT	Tethered Automatic	20' (6.1 m)	28 (12.7 kg)
ME40M-11	4/10	115	1	12.0	1-1/2" FNPT	Manual	10' (3.1 m)	26 (11.8 kg)
ME40MC-11	4/10	115	1	12.0	1-1/2" FNPT	Manual	20' (6.1 m)	27 (12.2 kg)
ME40PC-2	4/10	230	1	6.0	1-1/2" FNPT	Tethered Automatic	20' (6.1 m)	28 (12.7 kg)
ME40MC-21	4/10	230	1	6.0	1-1/2" FNPT	Manual	20' (6.1 m)	27 (12.2 kg)

EFFLUENT AND DRAIN WATER PUMPS

ME45 SERIES

The Myers ME45 Series Effluent and Drain Water Pumps are designed to meet the demand of residential septic tanks or sump applications. This powerful 1/2 HP pump featuring a cast iron impeller provides flow and head required for demanding dosing systems and drainage applications.

APPLICATIONS

Effluent removal, sump drainage, water transfer, and flood control.



FEATURES

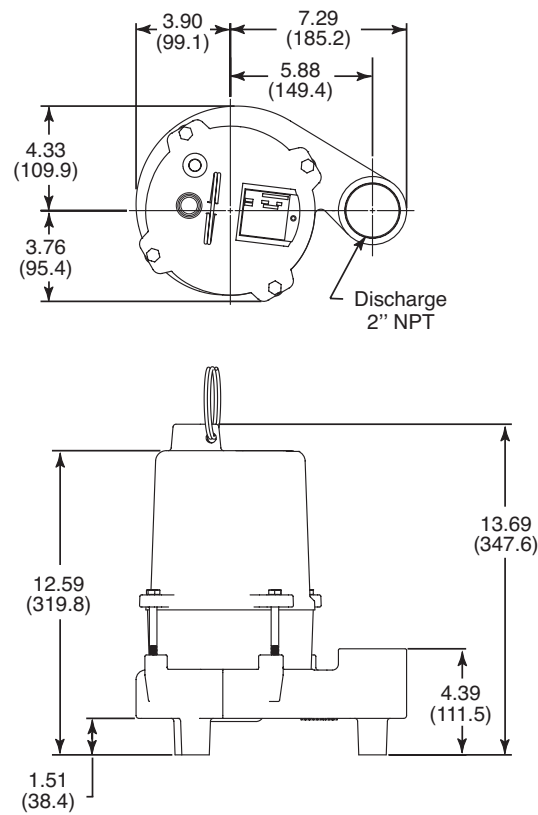
- ◆ **Powerful Torque:** High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out.
- ◆ **Rugged and Cool:** Rugged-built, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Seal Protection:** Upper and lower ball bearing and heavy duty Type 6 seal for added pump life.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.

SPECIFICATIONS

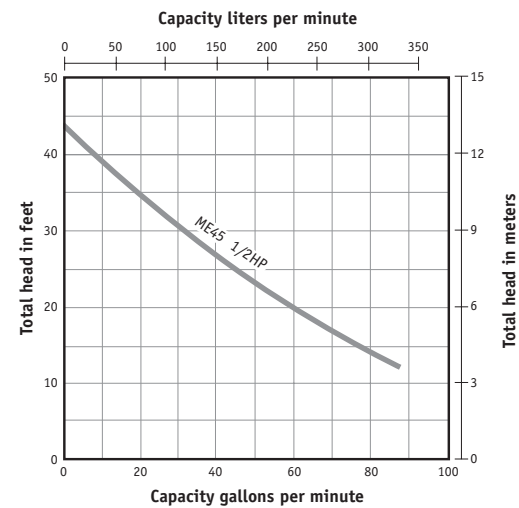
- ◆ **Capacities:** 87 GPM (329 LPM)
- ◆ **Shut-Off Head:** 44' (13.41 m)
- ◆ **Operation:** Manual or Automatic when purchased with piggyback switch
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic effluent and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 1/2 HP, 3450 RPM, oil-filled, permanent split capacitor type, 115V, 8.6A, 1Ø, 60Hz; 230V, 4.3A, 1Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Specific Gravity:** .9-1.1
- ◆ **Viscosity:** 28-35 SSU
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Cast iron
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61.0 cm)
Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 20', 16/3, SJTOW


 Tested & Certified to UL778
 and CSA 108.
3 Year Warranty

DIMENSIONS



PUMP PERFORMANCE



ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
ME45MC-11	1/2	115	1	8.6	2"	Manual	20'	58
ME45MC-21	1/2	230	1	4.3	2"	Manual	20'	58

SUBMERSIBLE EFFLUENT PUMP

MESPD50/MESPD100 SERIES

The Myers MESPD50 Submersible Effluent Pumps handles flow capacities up to 110 gallons per minute and heads to 50 feet, while the MESPD100 handles capacities up to 140 gallons per minute and heads to 63 feet. Additionally, the MESPD50's oil-filled motor allows for superior cooling characteristics and provides permanent lubrication of the shaft bearings, minimizing maintenance and extending the service life of the pump.

Automatic models (1/2 HP) feature the exclusive Myers diaphragm pressure switch, which provides proven reliability in installations where a float might hang up. It also incorporates a unique piggyback plug arrangement, which allows for simple conversion to manual operation by simply removing the switch plug and inserting the motor plug directly into the electrical outlet.



Tested & Certified to UL778
and CSA 108.

3 Year Warranty



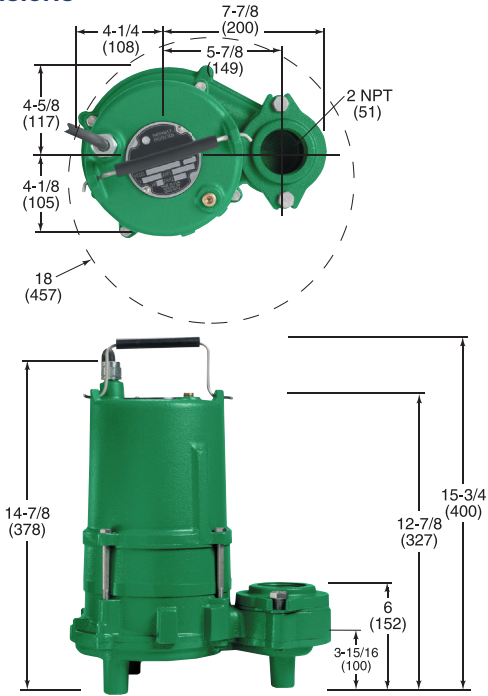
FEATURES

- ◆ High-quality cast iron pump volute, motor housing, and seal housing construction that help to ensure a long service life.
- ◆ Non-clogging, two vane, cast iron impeller threaded to a stainless steel shaft provides long life in demanding applications.
- ◆ A seal-failure sensor probe (for connection to a seal failure alarm) is standard on three-phase units and available as an option on single-phase models.
- ◆ Two carbon- and ceramic-faced mechanical shaft seals are mounted in tandem to provide double protection against water entry for a long, leak proof life.

SPECIFICATIONS

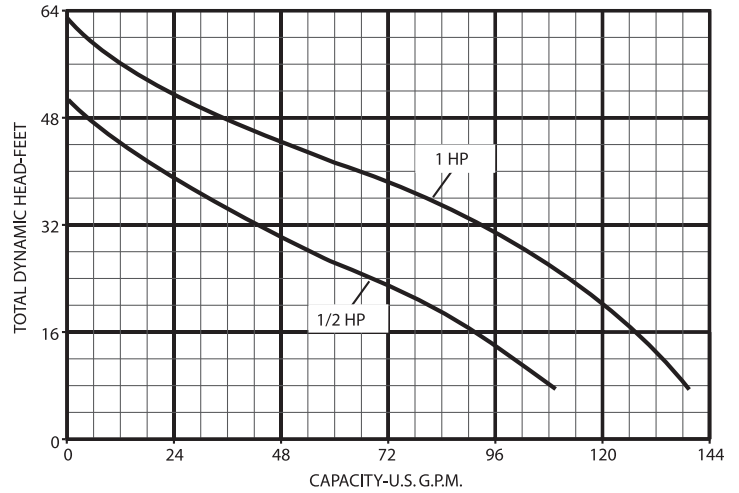
- ◆ **Lubricating Oil:** Dielectric oil
- ◆ **Motor Housing:** Cast iron
- ◆ **Seal Housing:** Cast iron
- ◆ **Pump Casing:** Cast iron
- ◆ **Shaft:** Stainless steel
- ◆ **Mechanical Shaft Seal:** Carbon/Ceramic Spring: Stainless Steel, Bellows: Buna-N
- ◆ **Impeller:** Ductile iron
- ◆ **Upper and Lower Bearings:** Single row ball bearing
- ◆ **Base:** Cast iron
- ◆ **Fastener:** Stainless steel
- ◆ **Optional 3" Discharge Flange:** Available

DIMENSIONS



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.

PUMP PERFORMANCE



PUMP SPECIFICATIONS

PUMP/MOTOR UNIT	SUBMERSIBLE					
Manual Models(50)	MH1	MH2	MH6	MH3	MH4	MH5
Automatic Models	AH1	AH2	-		-	-
Horsepower	1/2					
Voltage	115	230	200	230	460	575
Full Load Amps	14.0	7.0	4.0		1.8	1.5
Motor Type	Capacitor Start		Three-Phase			
R.P.M.	3450					
Phase Ø	1		3			
Manual Models(100)	MH2	MH6	MH3	MH4	M5	
Automatic Models	AH2	-	-	-	-	
Horsepower	1					
Voltage	230	200	230	460	575	
Full Load Amps	9.9	5.5	5.2	2.5	1.5	
Motor Type	Cap.	Three-Phase				
R.P.M.	3450					
Phase Ø	1	3				
Hertz	60					
Operation	Intermittent					
Temperature	140°F Max Fluid Temp.					
NEMA Design	B					
Insulation	Class B					
Discharge Size	2" NPT (3" opt.)					
Solids Handling	3/4"					
Unit Weight	73 lbs.					

Power Cord: MESPD50 14/3, SJTW-A, 1Ø, 115V=10' std. (20' opt.)-14/4, STW-A, 1Ø, 115V=10' (20' opt.)-16/3, STW-A, 1Ø, 230V=20' std.-16/4, STW-A, 1Ø, 230V=20' std. MESPD100 16/3, STW-A, 1Ø, 230V=20' std.-16/4, STW-A, 1Ø, 230V=20' std.-18/5, STW-A, 3Ø, 200V, 230V, 460V or 575V=20' std.

SUBMERSIBLE EFFLUENT PUMP MESPD50/MESPD100 SERIES

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MESPD50AH1 10	28215D000	1/2	109	50	2"	3/4"	115	14.0	1	10'	PD
MESPD50AH1 20	28215D001	1/2	109	50	2"	3/4"	115	14.0	1	20'	PD
MESPD50AH2 20	28215D002	1/2	109	50	2"	3/4"	230	7.0	1	20'	PD
MESPD50MH1 10	28215D011	1/2	109	50	2"	3/4"	115	14.0	1	10'	M
MESPD50MH1 20	28215D014	1/2	109	50	2"	3/4"	115	14.0	1	20'	M
MESPD50MH1-2	28215D010	1/2	109	50	2"	3/4"	115	14.0	1	10'	M
MESPD50MH1-2	28215D013	1/2	109	50	2"	3/4"	115	14.0	1	20'	M
MESPD50MH2 20	28215D015	1/2	109	50	2"	3/4"	230	7.0	1	20'	M
MESPD50MH2-2	28215D012	1/2	109	50	2"	3/4"	230	7.0	1	20'	M
MESPD50MH6 20	28215D021	1/2	109	50	2"	3/4"	200	3.6	3	20'	M
MESPD50MH3 20	28215D023	1/2	109	50	2"	3/4"	230	3.5	3	20'	M
MESPD50MH4 20	28215D022	1/2	109	50	2"	3/4"	460	1.8	3	20'	M
MESPD50MH5 20	28215D020	1/2	109	50	2"	3/4"	575	1.9	3	20'	M
MESPD100AH2 20	28215D100	1	135	64	2"	3/4"	230	9.9	1	20'	PT
MESPD100MH2 20	28215D111	1	135	64	2"	3/4"	230	9.9	1	20'	M
MESPD100MH6 20	28215D120	1	135	64	2"	3/4"	200	5.5	3	20'	M
MESPD100MH4 20	28215D115	1	135	64	2"	3/4"	460	2.5	3	20'	M
MESPD100MH5 20	28215D114	1	135	64	2"	3/4"	575	2.0	3	20'	M

Optional 3" Discharge Flange available.

EFFLUENT PUMPS

ME SERIES

The Myers ME Series Effluent Pumps are designed specifically for effluent pressure distribution mounds, trenches and high-flow drainage applications. Heavy-duty construction with finest corrosion-resistant materials for years of extended service in the harshest environments. Available in single and double-seal models; thermoplastic and bronze impeller models.

APPLICATIONS

Effluent removal, sump drainage, water transfer, and flood control.



FEATURES

- ◆ **Cast Iron Tough:** All cast-iron housing and volute case resists the most extreme corrosive environments.
- ◆ **High Efficiency Dosing:** Engineered thermoplastic or bronze (optional) two-vane impeller provides ideal performance for efficient dosing.
- ◆ **Jam Proof:** Enclosed impeller design eliminates jamming between impeller and volute.
- ◆ **Powerful Torque:** High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out.
- ◆ **Runs Cooler:** Rugged, oil-filled motor for bearing lubrication and maximum heat dissipation.
- ◆ **Leak Protection:** Optional leak probe senses water leakage past seal (dual seal motors only).
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature (single phase only).

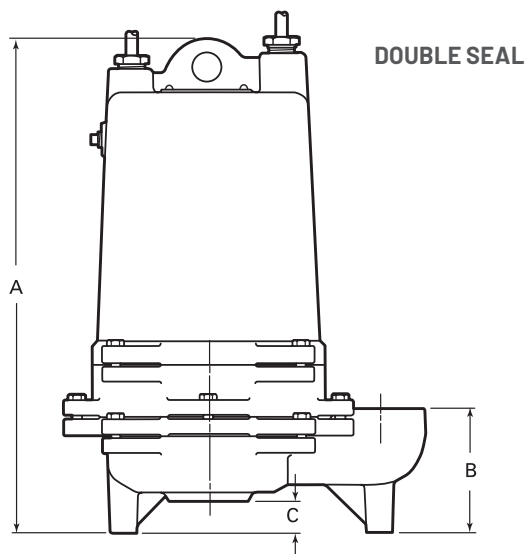
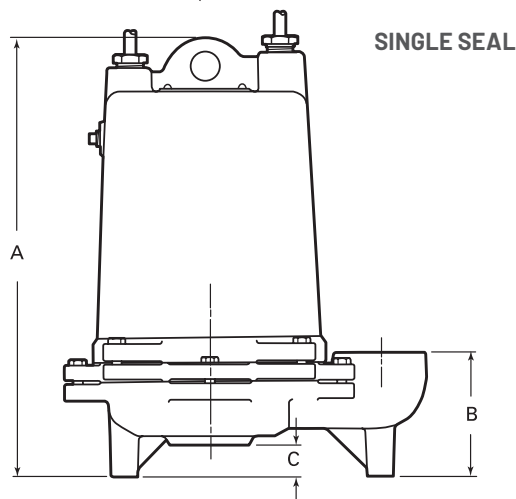
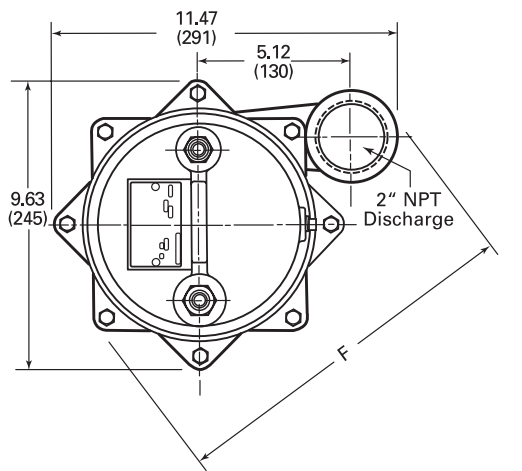
SPECIFICATIONS

- ◆ **Capacities:** Up to 120 GPM (454 LPM)
- ◆ **Shut-Off Head:** Up to 95' (28.9 m)
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic effluent and drain water
- ◆ **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"
- ◆ **Housing:** Cast iron
- ◆ **Volute Case:** Cast iron
- ◆ **Impeller:** Thermoplastic, or bronze (optional)
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61.0 cm)
Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 20'

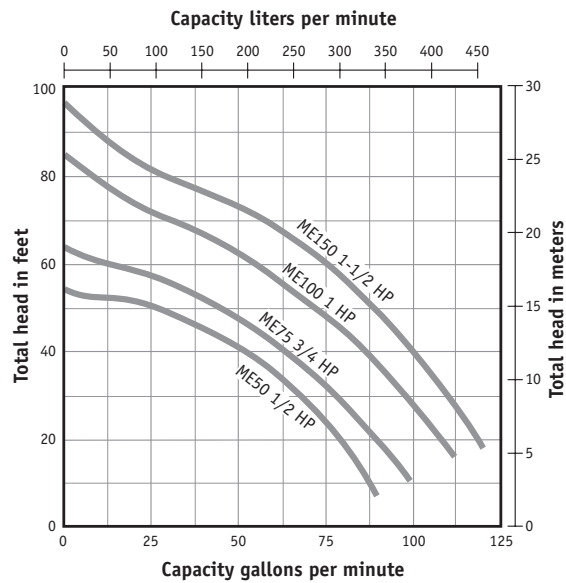
ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	APPROX. CORD LENGTH	WT. LBS
Single Seal							
ME50S-11	1/2	115	1	2"	Manual	20'	73
ME50S-01	1/2	200	1	2"	Manual	20'	73
ME50S-21	1/2	230	1	2"	Manual	20'	74
ME50S-03	1/2	200	3	2"	Manual	20'	74
ME50S-23	1/2	230	3	2"	Manual	20'	74
ME50S-43	1/2	460	3	2"	Manual	20'	74
ME50S-53	1/2	575	3	2"	Manual	20'	74
ME75S-21	3/4	230	1	2"	Manual	20'	81
ME75S-23	3/4	230	3	2"	Manual	20'	81
ME100S-01	1	200	1	2"	Manual	20'	83
ME100S-21	1	230	1	2"	Manual	20'	83
ME100S-03	1	200	3	2"	Manual	20'	83
ME100S-23	1	230	3	2"	Manual	20'	83
ME100S-43	1	460	3	2"	Manual	20'	83
ME100S-53	1	575	3	2"	Manual	20'	83
ME150S-01	1-1/2	200	1	2"	Manual	20'	84
ME150S-21	1-1/2	230	1	2"	Manual	20'	84
ME150S-03	1-1/2	200	3	2"	Manual	20'	85
ME150S-23	1-1/2	230	3	2"	Manual	20'	85
ME150S-43	1-1/2	460	3	2"	Manual	20'	85
ME150S-53	1-1/2	575	3	2"	Manual	20'	85
Double Seal							
ME50D-11	1/2	115	1	2"	Manual	20'	88
ME50D-01	1/2	200	1	2"	Manual	20'	88
ME50D-21	1/2	230	1	2"	Manual	20'	88
ME50D-03	1/2	200	3	2"	Manual	20'	88
ME50D-23	1/2	230	3	2"	Manual	20'	88
ME50D-43	1/2	460	3	2"	Manual	20'	88
ME50D-53	1/2	575	3	2"	Manual	20'	88
ME75D-01	3/4	200	1	2"	Manual	20'	95
ME75D-21	3/4	230	1	2"	Manual	20'	95
ME75D-03	3/4	200	3	2"	Manual	20'	95
ME75D-23	3/4	230	3	2"	Manual	20'	95
ME75D-43	3/4	460	3	2"	Manual	20'	95
ME75D-53	3/4	575	3	2"	Manual	20'	95
ME100D-01	1	200	1	2"	Manual	20'	97
ME100D-21	1	230	1	2"	Manual	20'	97
ME100D-03	1	200	3	2"	Manual	20'	97
ME100D-43	1	460	3	2"	Manual	20'	97
ME150D-01	1-1/2	200	1	2"	Manual	20'	98
ME150D-43	1-1/2	460	3	2"	Manual	20'	98

DIMENSIONS



PUMP PERFORMANCE



CATALOG NUMBER	INCHES (MILLIMETERS)			
	A	B	C	F
ME50S	16.8(427)	4.09(104)	1.03(26)	12.13(308)
ME50D	18.6(472)	4.09(104)	1.03(26)	12.13(308)
ME75S, ME100S, ME150S	16.8(427)	4.0(102)	1.06(27)	12.5(318)
ME75D, ME100D, ME150D	18.6(472)	4.0(102)	1.06(27)	12.5(318)

EFFLUENT ST.E.P. PUMPS

P50 AND P100 SERIES

The Myers P Series Effluent Pumps are designed specifically for multi-pump pressure collection, septic tank effluent pumping (ST.E.P.) and high head drainage applications. The high efficiency, single-vane, enclosed impellers provide steep, non-overloading performance curves, which are ideal for these applications. These pumps deliver more capacity at higher heads than most pumps in this class. The combination of the most rugged materials ensure years of trouble-free, dependable service.

APPLICATIONS

Effluent removal, sump drainage, water transfer, and flood control.

FEATURES

- ◆ **Rugged and Dependable:** Durable, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Design Meets Demand:** Single-vane, enclosed impeller provides steep, non-overloading performance curves for pressure collection and ST.E.P. applications.
- ◆ **Closed Case:** Enclosed impeller eliminates jamming between impeller and volute – engineered thermoplastic composition.
- ◆ **Powerful Starts:** High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out.
- ◆ **No Burnout:** On-winding current and temperature sensitive overload to protect against costly burnout.
- ◆ **Thermal Failsafe:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **Twice the Protection:** Optional leak probe senses water leakage past seal (dual seal motors only).
- ◆ **Restore Performance:** Original performance standards can be restored by easily replacing a worn volute seal ring.

SPECIFICATIONS

- ◆ **Capacities:** Up to 60 GPM (227 LPM)
- ◆ **Shut-Off Head:** Up to 124' (37.8 m)
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic, effluent and drain water
- ◆ **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"
- ◆ **Housing:** Cast iron.
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61 cm); Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 20', 14/3 SJOW, SJOW-A



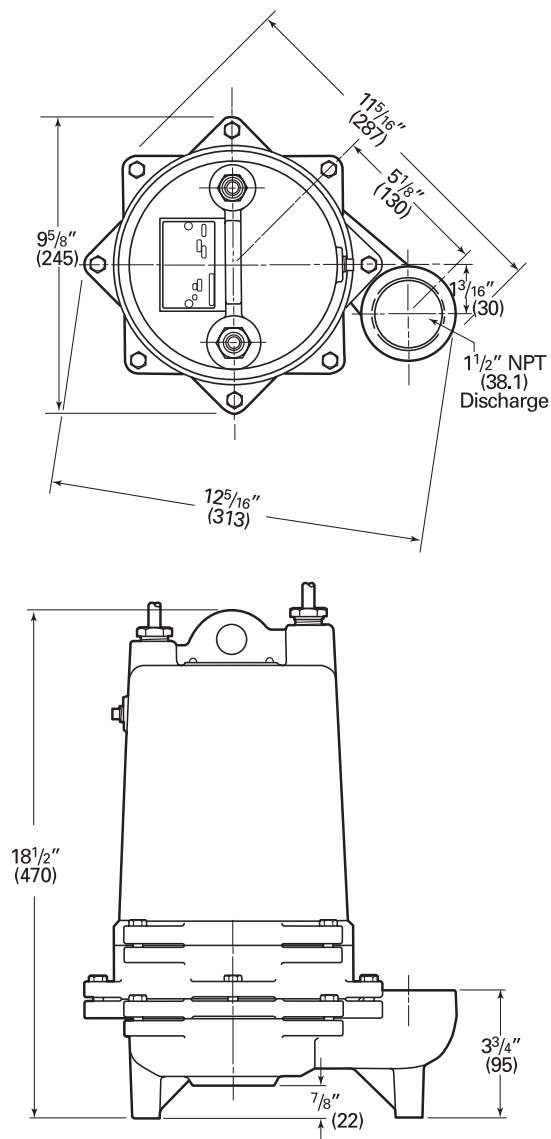


 Tested & Certified to UL778
 and CSA 108.
3 Year Warranty

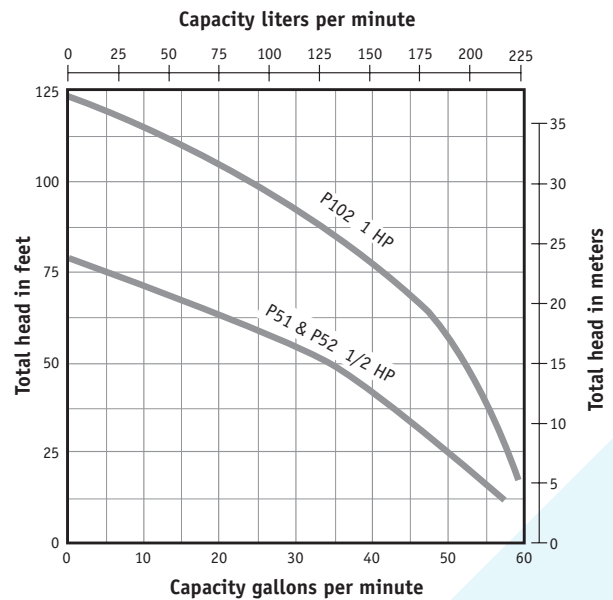
ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
P51	1/2	115	1	1-1/2"	Manual	20'	84
P51D	1/2	115	1	1-1/2"	Manual	20'	84
P52D	1/2	230	1	1-1/2"	Manual	20'	84
P102	1	230	1	1-1/2"	Manual	20'	87
P102D	1	230	1	1-1/2"	Manual	20'	87

DIMENSIONS



PUMP PERFORMANCE



EFFLUENT PUMP

DE SERIES

The Myers DE Series Submersible Effluent Pumps are designed for effluent and wastewater removal, and for sump drainage in residential systems. The pumps are also ideal for commercial water transfer, dewatering and flood control.

APPLICATIONS

Residential and commercial.

FEATURES

- ◆ **Stainless Steel Tough:** Stainless steel housing and volute case resist corrosion and withstand the harshest conditions and will provide years of service.
- ◆ **Powerful Start-ups:** High-torque, permanent split capacitor (PSC) motor; no relays or starting switches to wear out.
- ◆ **Less Heat Build Up:** Rugged, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **Motor Protection:** Double-lip seal with ceramic wear surface adds extra protection against leaks.
- ◆ **Extended Service:** Fully lubricated bearings and shaft seal for longer service life.
- ◆ **Smooth Operation:** Impeller is designed for self-cleaning and effectively handles solids up to 1-1/2" in diameter.

SPECIFICATIONS

- ◆ **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 HP, 115V, 10.5A, 60Hz; 1/2 HP, 115V, 12A, 60Hz; permanent split capacitor type
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Specific Gravity:** .9-1.1
- ◆ **Viscosity:** 28-35 SSU
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Stainless steel
- ◆ **Minimum Sump Diameter:** Simplex: 18" (46 cm); Duplex: 24" (60 cm)
- ◆ **Power Cord:** 20', SJOW, 16 AWG



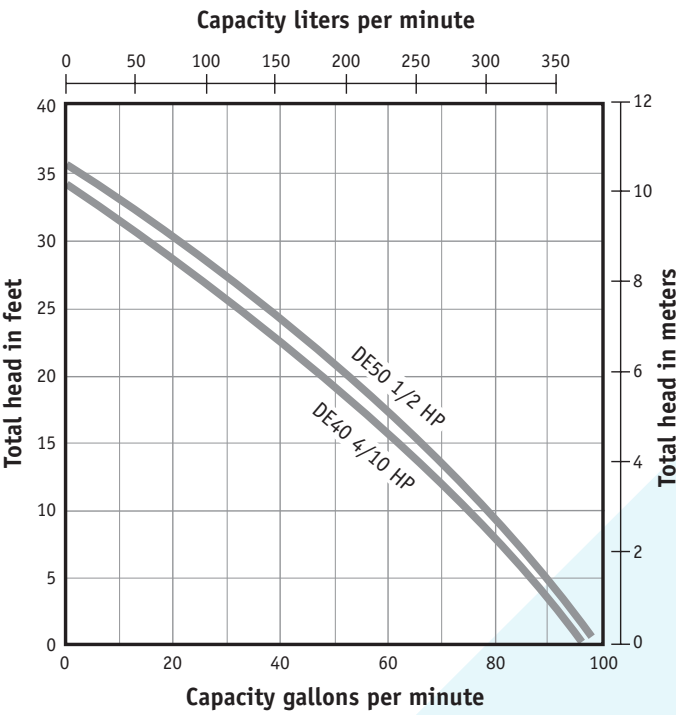
Tested & Certified to UL778
and CSA 108.
3 Year Warranty

ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
DE40PC1	4/10	115	1	10.5	2"	Tethered Automatic*	20'	19
DE50PC1	1/2	115	1	12	2"	Tethered Automatic*	20'	20

*Piggyback

PUMP PERFORMANCE



EFFLUENT PUMP

MD SERIES

The Myers MD Series 4" Stainless Steel Submersible Effluent Pumps are capable of drawing down to 4-1/2" (a standard NEMA 4" only draws down to 13-1/2"). Lower amp draw reduces operating costs and extends the life of the float switch contacts. Pumped fluid flows around motor providing cooling and sound dampening. Ideal for on-site filtered and cistern applications.

APPLICATIONS

On-site filtered effluent and cistern.

FEATURES

- ◆ **Superior Drawdown:** Beats the industry standard for drawdown by 9" (Myers: 4-1/2" vs. NEMA: 13-1/2").
- ◆ **Lower Operating Costs:** 25% reduced amp draw (9.5A vs. 12.7A for standard NEMA 4").
- ◆ **Cooler and Quieter:** Designed to route pumped fluid over motor for cooler operation and reduce noise eliminates need for expensive "flow inducer sleeves".
- ◆ **Proven and Patented:** Field-proven staging system utilizes patented ceramic wear surface and features industry-exclusive "dry-run" capabilities.
- ◆ **Built to Last:** Stainless steel and reinforced thermoplastic construction; heavy duty, double-seal, double ball-bearing motor with 7/16" stainless steel shaft.

- ◆ **Thermal Protection:** Overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **Protected From Debris:** Self lubricating Nylatron® shaft bearing protects wear surface from sand and abrasives.
- ◆ **Serviceable Screen:** Field serviceable composite intake screen - allows up to 0.80" solids

SPECIFICATIONS

- ◆ **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

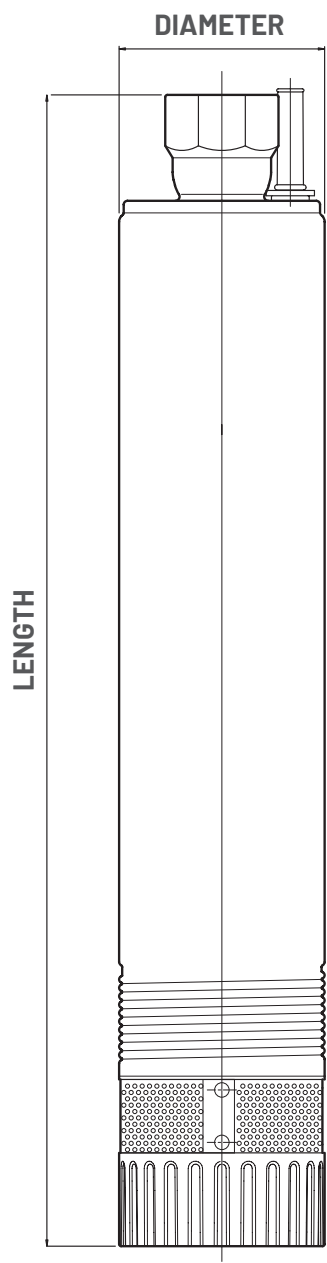


ORDERING INFORMATION

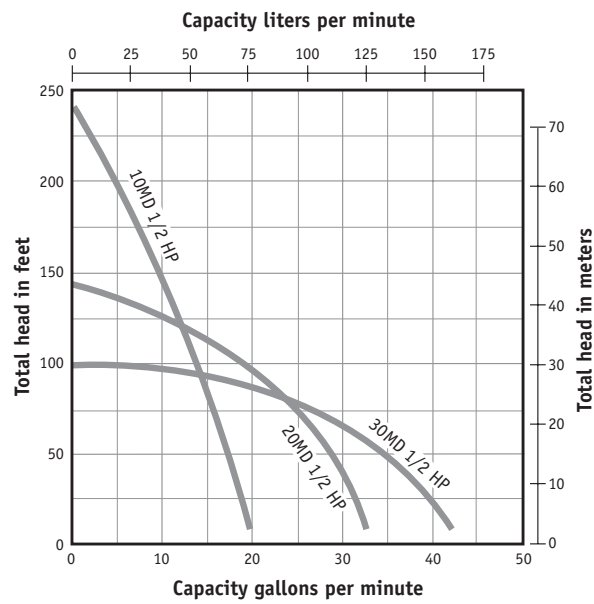
CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
10MD05121	1/2	115	1	11	1-1/4"	Manual	10'	19
20MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19
30MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19

EFFLUENT PUMP MD SERIES

DIMENSIONS



PUMP PERFORMANCE



GPM	LENGTH	DIAMETER
10	21.6" (549 mm)	3.86" (98 mm)
20	20.8" (529 mm)	3.86" (98 mm)
30	20.6" (523 mm)	3.86" (98 mm)

SEWAGE PUMPS

Pentair Myers offers a wide range of sewage pumps that are designed to handle solids of 2" or less. These high performance, heavy duty cast iron designs are great for commercial and residential applications. Multiple switch options mean that you can customize the pump for the job. For quick and easy installation, be sure to use one of our pre-packaged systems that arrive fully assembled in a sewage basin from the factory.



MODELS	HP	SOLIDS SIZE (IN)	SHUTOFF (FT)	TOTAL HEAD (FT)										
				5	10	15	20	25	30	35	40	50	60	70
SRM4	4/10	2	19	90	60	30	-	-	-	-	-	-	-	-
MSE50	1/2	2	22	145	105	75	16	-	-	-	-	-	-	-
MW50	1/2	2	27	-	135	105	67	16	-	-	-	-	-	-
MSKV50	1/2	2	22	188	155	105	40	-	-	-	-	-	-	-
MSKHS50	1/2	2	45	-	-	138	126	99	71	44	18	-	-	-
MSKHS100	1	2	57	-	-	-	138	125	105	82	64	24	-	-
MSKHS150	1 1/2	2	70	-	-	-	-	-	-	-	138	80	30	-
MSKHS200	2	2	80	-	-	-	-	-	-	-	-	138	100	45
MWH50	1/2	2	38	-	-	125	97	68	38	12	-	-	-	-
MW100	1	2	48	-	-	-	138	113	90	68	40	-	-	-
MW150	1 1/2	2	62	-	-	-	-	-	-	150	109	55	7	-
MW200	2	2	70	-	-	-	-	-	-	165	138	87	42	-
WHR5/WHR5DS	1/2	2	24	125	108	80	42	-	-	-	-	-	-	-
WHR7/WHR7DS	3/4	2	28	147	133	110	76	36	-	-	-	-	-	-
WHR10/WHR10DS	1	2	33	176	166	150	124	84	40	-	-	-	-	-
WHR5H	1/2	2	34	-	112	96	79	60	36	-	-	-	-	-
WHR10H	1	2	46	-	145	130	114	99	84	69	51	-	-	-
WHR15H	1 1/2	2	60	-	179	167	152	139	124	106	90	51	-	-
WHR20H	2	2	72	-	218	204	189	176	162	147	130	93	51	4
DSW40	4/10	2	27	103	79	58	39	20	-	-	-	-	-	-
DSW50	1/2	2	30	114	88	67	47	26	-	-	-	-	-	-
DSW100	1	2	36	145	130	110	90	71	50	12	-	-	-	-
SB24SRM	4/10	2	19	90	60	30	-	-	-	-	-	-	-	-
SB24MW50	1/2	2	27	-	135	105	67	16	-	-	-	-	-	-
SR1830	4/10	2	19	90	60	30	-	-	-	-	-	-	-	-
M224A	1/2	2	22	-	180	150	70	-	-	-	-	-	-	-

RESIDENTIAL SEWAGE PUMP

SRM4 SERIES

The Myers SRM4 Series Residential Sewage Pumps are extremely reliable. The specially designed recessed impeller allows 2" solids to easily pass through without jamming. The cast iron housing and volute case handle the harshest conditions and will provide years of service. Automatic and manual operation models available.

APPLICATIONS

Sewage, high-capacity sump, and effluent.




 Tested to Standard UL778 and
 Certified to CSA Standard
 C22.2 No. 108
3 Year Warranty

FEATURES

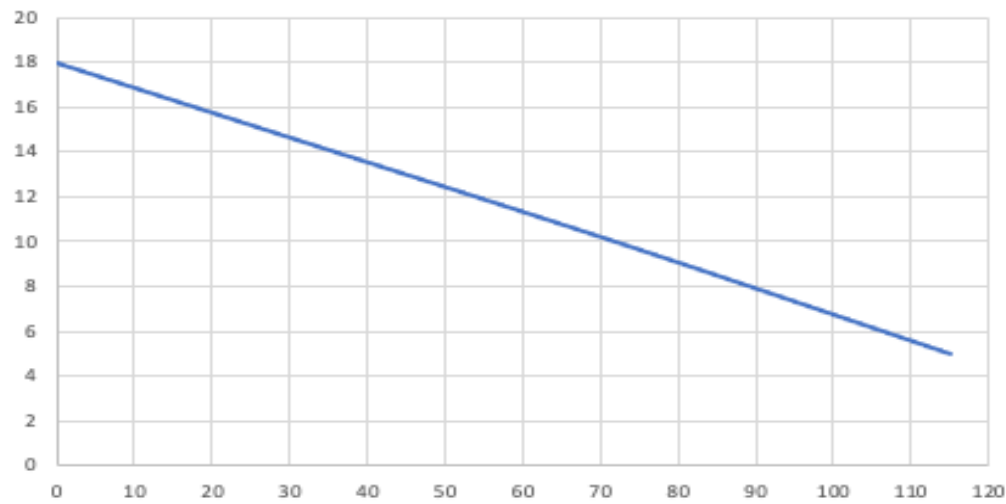
- ◆ **Versatile Applications:** Effective and efficient performance in septic tank sewage, effluent and high-capacity sump applications.
- ◆ **Handles the Heat:** High-endurance, oil-cooled motor for continuous bearing lubrication and critical heat dissipation.
- ◆ **Motor Protection:** Long-life carbon/ceramic seal provides extra protection against water leaks.
- ◆ **Excess Heat Detection:** Internal heat sensor provides overload protection; automatically resets when motor cools to a safe operating temperature.
- ◆ **Free Flow Design:** Recessed impeller design also improves the free flow of solids up to 2".
- ◆ **Longer Bearing Life:** Recessed impeller reduces radial bearing loads, increasing bearing life.
- ◆ **Automatic and Manual:** Automatic tethered, vertical, or diaphragm switch models (with piggyback plug), or manual operation models.

SPECIFICATIONS

- ◆ **Capacities:** 115 gpm (435 lpm)
- ◆ **Shut-Off Head:** 18' (5.4m)
- ◆ **Solids Handling:** 2" (50.8mm)
- ◆ **Liquid Handling:** Septic, effluent, and sewage
- ◆ **Intermittent Liquid Temp.:** Up to 140 °F (60°C)
- ◆ **Motor/Electrical Data:** 4/10 HP, 115V, 13A, 1, 60Hz; 230V, 6.5 A, 1, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Heavy cast iron
- ◆ **Power Cord:** 10'(3.048M). Optional: 20'(6.096M)
- ◆ **Impeller:** Recessed, thermoplastic
- ◆ **Volute Case:** Cast iron
- ◆ **Shaft Seal:** Type 11A, carbon and ceramic

RESIDENTIAL SEWAGE PUMP SRM4 SERIES

PUMP PERFORMANCE

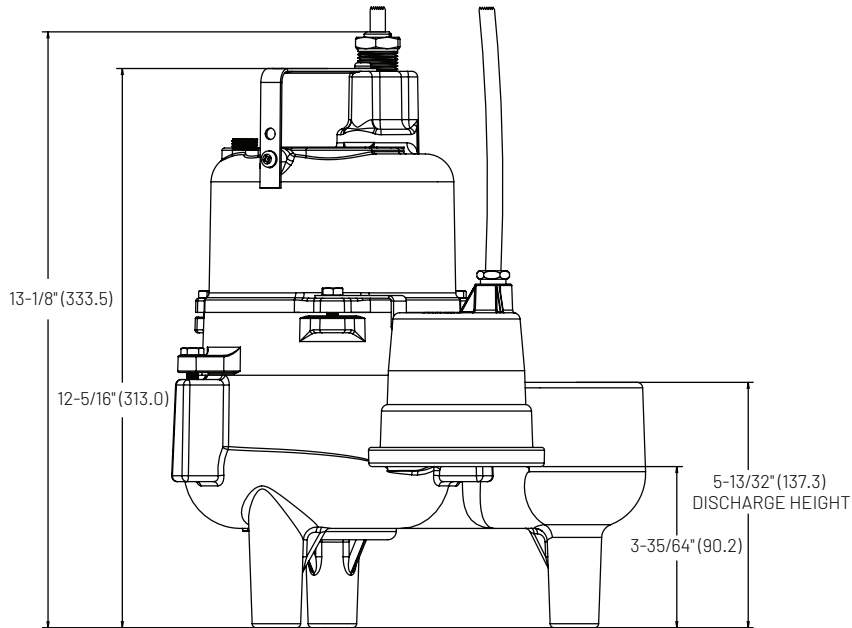


ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
SRM4M 20	4/10	115	1	13	2"	Manual	20'	39
SRM4M2 20	4/10	230	1	6.5	2"	Manual	20'	39
SRM4T 30	4/10	115	1	13	2"	Tethered	30'	40
SRM4T 20	4/10	115	1	13	2"	Tethered	20'	40
SRM4T2 20	4/10	230	1	6.5	2"	Tethered	20'	40
SRM4V 20	4/10	115	1	13	2"	Vertical	20'	40

DIMENSIONS

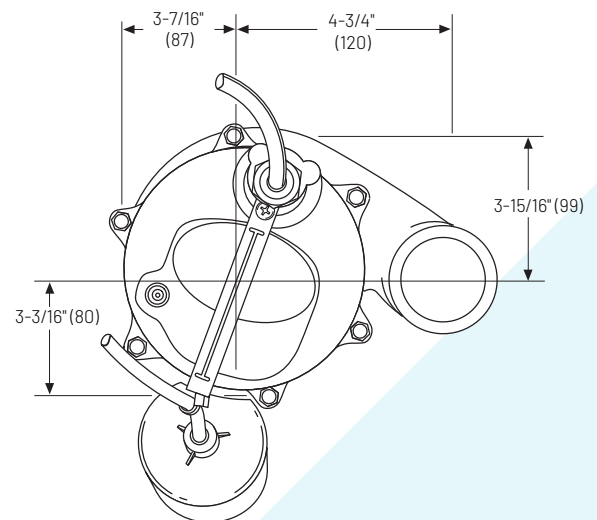
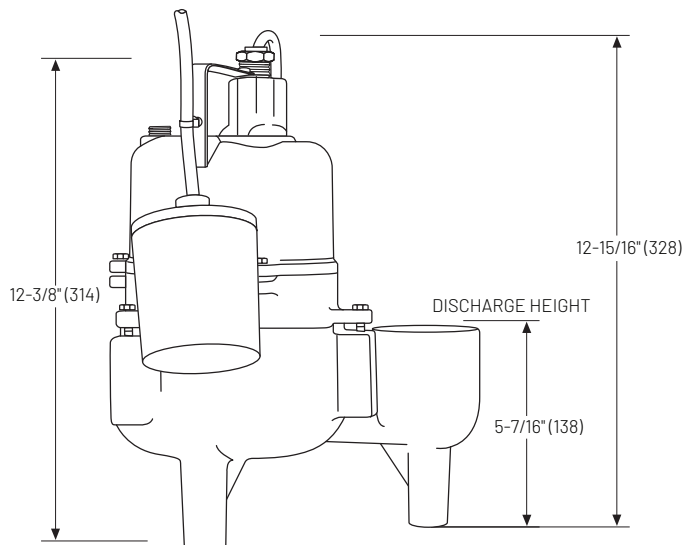
Measurements shown in inches.



Diaphragm Switch:
On = 8-7/8"
Off = 4-1/4"

Vertical Switch:
On = 8-15/16"
Off = 4-7/16"

Wide Angle Switch:
On = 12-1/2"
Off = 6-1/2"



SEWAGE PUMPS

MSE50 SERIES

The Myers MSE50 Residential Sewage Pumps are designed for high performance applications. With a recessed vortex impeller, this pump will easily pass 2" solids and pump up to 145 GPM. With a durable cast iron construction and reliable two-pole switch design, this pump is perfect for any residential sewage application.



Tested & Certified to UL778
and CSA 108.
3 Year Warranty

FEATURES

- ◆ **Durable Construction:** Durable cast iron construction for heavy duty applications.
- ◆ **Reliable Switch Design:** The unique two-pole switch is protected with a guard to block debris.
- ◆ **Free Flow Design:** Recessed impeller design also improves the free flow of solids up to 2".
- ◆ **High Performance:** Capable of pumping up to 145 GPM and up to 22 feet of head.

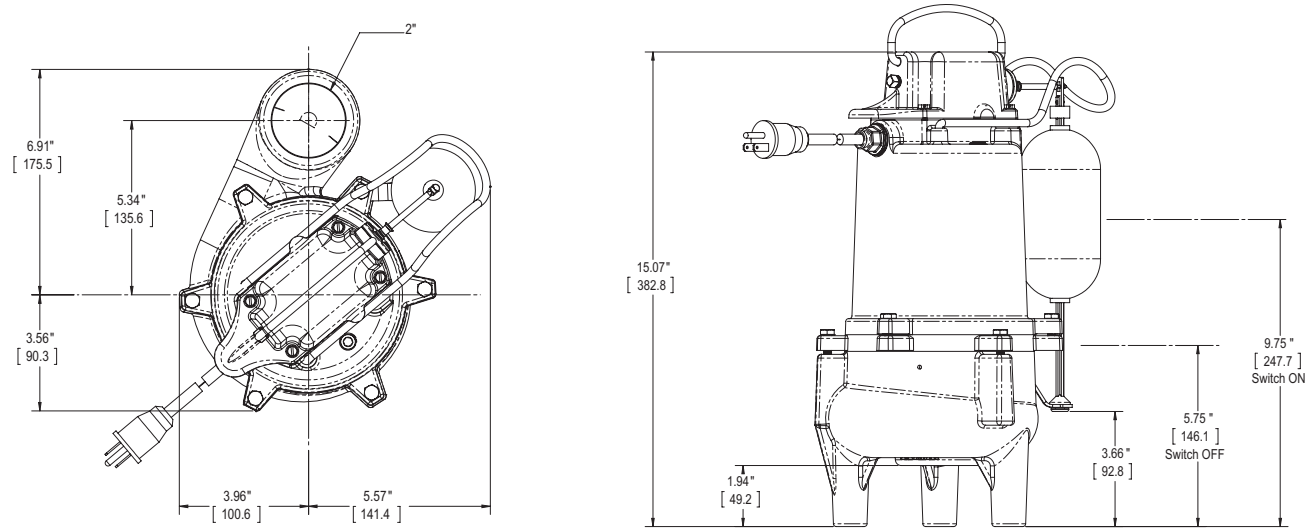
SPECIFICATIONS

- ◆ **Max Flow:** 145 GPM (549 LPM) at 5'
- ◆ **Max Shut-Off Head:** 22' (6.7 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Intermittent Liquid Temp.:** 130°F (54.4°C)
- ◆ **Discharge NPT:** 2" (50.8 mm)
- ◆ **Motor/Electrical Data:** 115V 9A 1Ø/230V 4.6A 1Ø
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Cord Length:** 10' (3.1 m) or 20' (6.1 m)
- ◆ **Switch Type:** Vertical
- ◆ **Switch On/Off =** 9.75 (247 mm) / 5.75 (146 mm)
- ◆ **Housing:** Cast iron
- ◆ **Volute:** Cast iron
- ◆ **Impeller:** Thermoplastic recessed vortex
- ◆ **Shaft Seal:** Mechanical

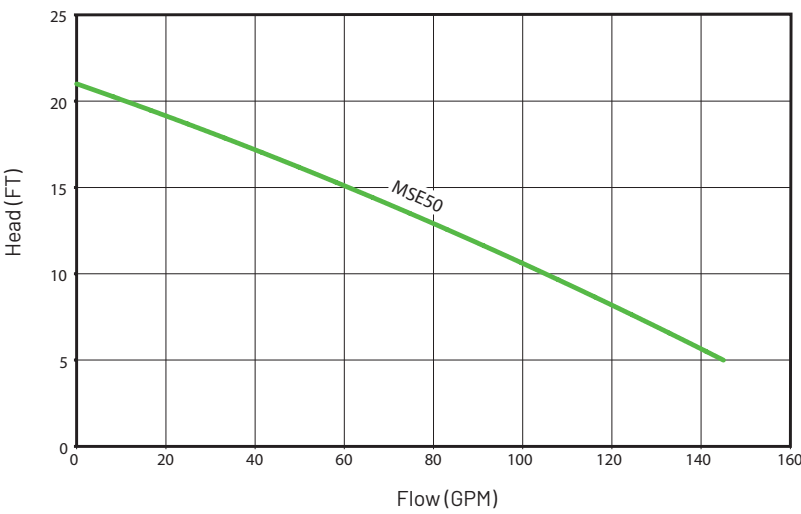
ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
MSE5012P10	1/2	115	1	9.0	2"	2-Pole Auto	10' (3.1 m)	43 (19.5 kg)
MSE5022P10	1/2	230	1	4.6	2"	2-Pole Auto	10' (3.1 m)	44 (20.0 kg)
MSE5012P20	1/2	115	1	9.0	2"	2-Pole Auto	20' (6.1 m)	43 (19.5 kg)

DIMENSIONS



PUMP PERFORMANCE



PERFORMANCE DATA

HEAD	FLOW GPM
5'	145
10'	105
15'	75
20'	16
22'	0

RESIDENTIAL AND LIGHT COMMERCIAL SEWAGE PUMP

MW50 SERIES

The Myers MW50 Series Sewage Pumps are constructed of the most durable combination of materials in order to withstand the harshest sewage environments. The non-clog impeller can pass up to 2" solids and provides the flow and head required residential and light commercial applications. Models are available for manual operation with external controls, or as automatic operation with tethered, piggyback mechanical float switch.

APPLICATIONS

Residential high-capacity sewage pump.



Tested & Certified to UL778
and CSA 108.
3 Year Warranty

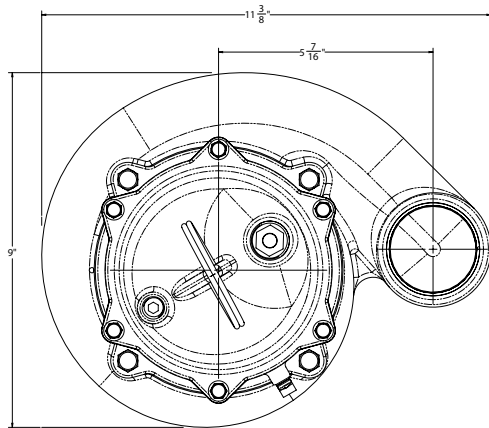
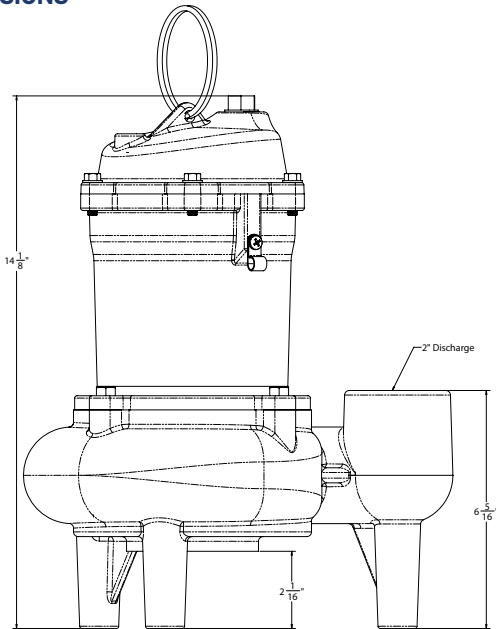
FEATURES

- ◆ **Two-Vane Impeller:** The engineered thermoplastic composition two-vane impeller provides maximum efficiency and eliminates jamming between impeller and volute.
- ◆ **Restore Performance:** Original performance standards restored by easily replacing a worn volute seal ring.
- ◆ **High Capacity Handling:** Passes full 2" solids.
- ◆ **Cool Running:** Durable, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Powerful Starts:** High-torque, permanent split capacitor (PSC) motor. No starting switches or relays to wear out.
- ◆ **Protects Against High Heat:** Low amp draw from the efficient PSC motor means less heat build-up.
- ◆ **Longer Lasting Motor:** Lower ball bearing eliminates sleeve bearing wear and reduces motor wear.
- ◆ **Improved Sealing:** Long, flexible Type 6 seal provides high pressure sealing with improved seal face protection by location.

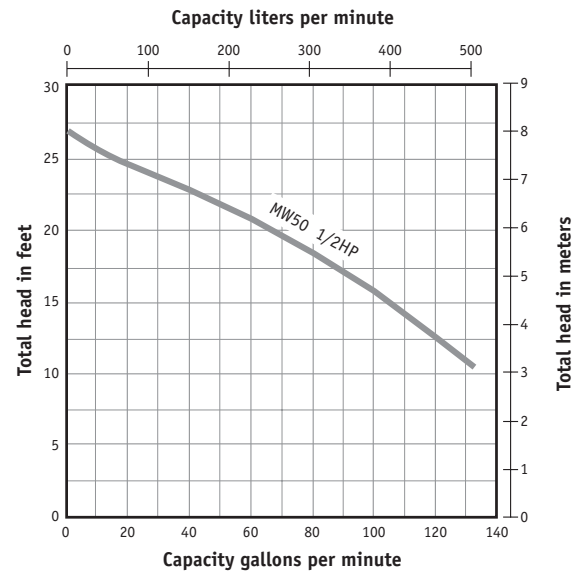
SPECIFICATIONS

- ◆ **Capacities:** 135 GPM (511 LPM)
- ◆ **Shut-Off Head:** 27' (8.23 m)
- ◆ **Operation:** Manual or automatic
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Domestic sewage and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Power Cord:** 20 foot (6.1 m), 16/3, SJTW
- ◆ **Shaft Seal:** Type 6, carbon and ceramic
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Cast iron
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61 cm); Duplex: 36" (91.4 cm)
- ◆ **Impeller:** Thermoplastic
- ◆ **Volute Case:** Class 30 cast iron

DIMENSIONS



PUMP PERFORMANCE



ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
MW50-11	1/2	115	1	9.0	2"	Manual	20'(6.1 m)	42 (19.1 kg)
MW50-11P	1/2	115	1	9.0	2"	Tethered Automatic*	20'(6.1 m)	43 (19.5 kg)
MW50-21	1/2	230	1	4.5	2"	Manual	20'(6.1 m)	42 (19.1 kg)
MW50-21P	1/2	230	1	4.5	2"	Tethered Automatic*	20'(6.1 m)	43 (19.5 kg)

*Piggyback

SUBMERSIBLE SEWAGE EJECTOR PUMP

MSKV50 SERIES

The Myers MSKV50 Submersible Pump is specifically designed to meet the demands of residential wastewater and sewage applications, and the quality standards of the professional plumber. The 2 inch NPT discharge pump is available with powerful 1/2 HP performance, in both automatic and manual configurations. The MSKV50 can handle capacities up to 180 gallons per minute and heads over 20 feet.

APPLICATIONS

Residential sewage, high-capacity sump, and septic tank effluent.

FEATURES

- ◆ **Maximum Efficiency:** New PSC motor offers same amp draw as before with better torque and flow.
- ◆ **Clog Resistant Design:** High-capacity vortex thermoplastic impeller efficiently handles up to 2 inch spherical solids and features a screenless bottom inlet and pump-out vanes on the back of the impeller that prevent stringy materials from binding the impeller or shaft.
- ◆ **Water Resistant Power Cord:** Molded plug is available in 10 or 20 foot lengths.
- ◆ **Cast Iron Construction:** Heavy-duty design provides long life by dissipating heat for cooler motor operation.
- ◆ **Low Friction Design:** Ball bearing design is oil filled and supports the motor shaft, providing perfect alignment of rotor resulting in less friction and less frequent service intervals.
- ◆ **Mechanical Shaft Seals:** Carbon and ceramic faced for long lasting life free of leaking.
- ◆ **Best In Class Warranty:** Unparalleled 3 Year Warranty, your guarantee of quality and performance.

SPECIFICATIONS

- ◆ **Handle:** Steel
- ◆ **Lubricating Oil:** Dielectric oil
- ◆ **Motor Housing:** Cast iron
- ◆ **Seal Plate:** Cast iron
- ◆ **Pump Casing:** Cast iron
- ◆ **Shaft:** Stainless steel
- ◆ **Mechanical Shaft Seal:** Seal Faces = Carbon/Ceramic; Spring = Stainless steel; Bellows = Buna-N
- ◆ **Impeller:** Engineered Thermoplastic
- ◆ **Upper Bearing:** Sleeve
- ◆ **Lower Bearing:** Single Row Ball Bearing
- ◆ **Fasteners:** Stainless Steel



ORDERING INFORMATION

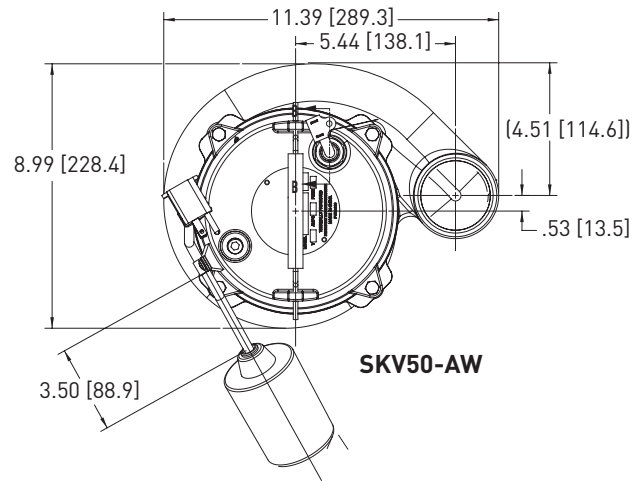
MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MSKV50AD110	1/2	189	22	2"	2"	115	12.0	1	10'	PD
MSKV50AW110	1/2	189	22	2"	2"	115	12.0	1	10'	PT
MSKV50M120	1/2	189	22	2"	2"	115	12.0	1	20'	M
MSKV50AW120	1/2	189	22	2"	2"	115	12.0	1	20'	PT
MSKV50M110	1/2	189	22	2"	2"	115	12.0	1	10'	M
MSKV50M220	1/2	189	22	2"	2"	230	6.0	1	20'	M

PERFORMANCE DATA

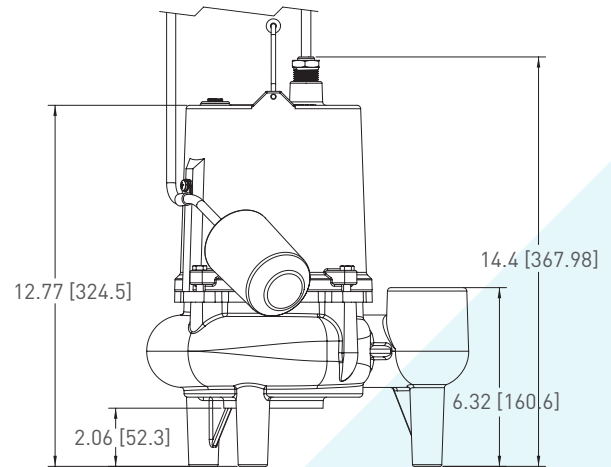
PUMP/MOTOR UNIT	SUBMERSIBLE	
Manual Models	MSKV50M1	MSKV50M2
Automatic Models	MSKV50A1 MSKV50AD1	--
Horsepower	1/2	
Full Load Amps	12	6.0
Motor Type	PSC	
R.P.M.	1650	
Phase Ø	1	
Voltage	115	230
Hertz	60	
Operation	Intermittent	
Insulation	Class B	
Discharge Size	2" NPT std.	
Solids Handling	2"	
Unit Weight	54 lbs.	
Power Cord	16/3, SJTW, 115V = 10' std. (20' opt.) 230V = 20' std.	

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]

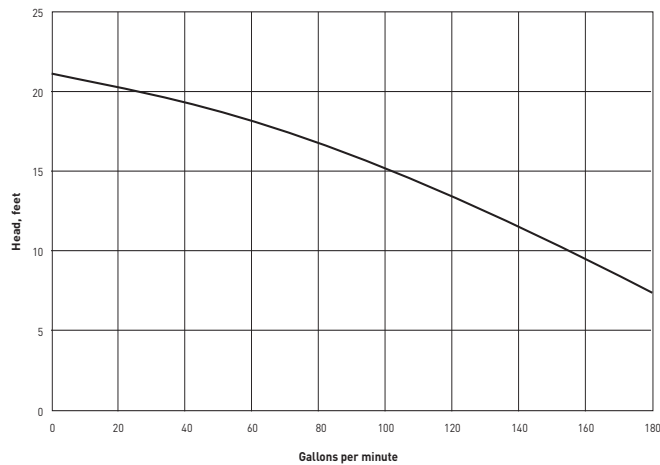


SKV50-AW



All dimensions in inches. 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.

PUMP PERFORMANCE



SUBMERSIBLE HIGH HEAD SEWAGE EJECTOR PUMP

MSKHS SERIES

The Myers MSKHS Series Submersible Sewage Ejector Pump is specifically designed to meet the demands of wastewater and sewage handling in residential and commercial building applications. The powerful motor is available in 1/2HP, 1-1/2HP, or 2HP while the pump itself comes standard with a 2" NPT discharge or an optional 3" discharge.

APPLICATIONS

Residential and commercial sewage.

FEATURES

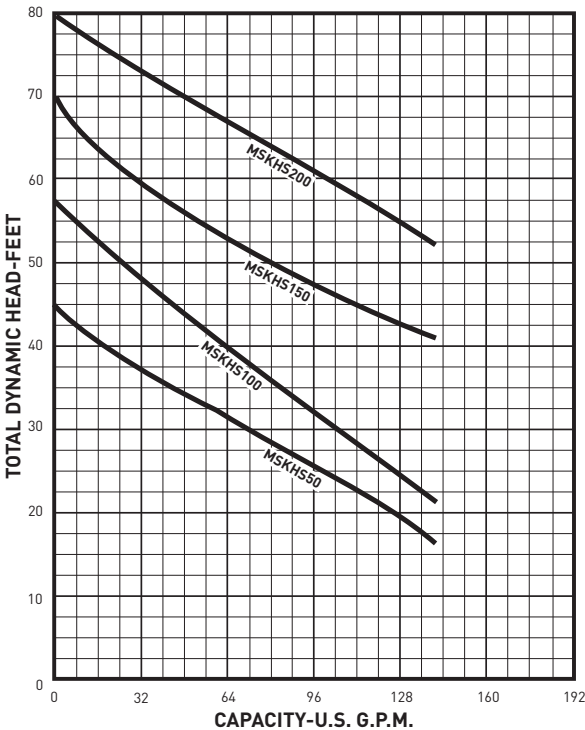
- ◆ The MSKHS50 handles capacities up to 138 gallons per minute and heads to 45 feet, while the MSKHS100 handles capacities up to 138 gallons per minute and heads to 58 feet. The MSKHS150 handles capacities up to 138 gallons per minute and heads to 70 feet, while the MSKHS200 handles capacities up to 138 gallons per minute and heads to 80 feet.
- ◆ The MSKHS series feature a heavy duty cast iron construction that provides durability in rugged applications, as well as assisting in dissipating heat from the motor, for cooler operation.
- ◆ The MSKHS series two-vane, semi-open cast iron impeller, which is threaded to a stainless steel shaft, handles applications involving higher capacities and heads; and is capable of handling up to 2 inch spherical solids and lint.
- ◆ The MSKHS series also features a precision carbon and ceramic-faced mechanical shaft seal that is extensively lapped, providing for a long, leak proof life.
- ◆ The MSKHS series pumps have an oil-filled motor that provides superior cooling characteristics, allowing the motor to run cool and quiet for years. This oil-filled design also provides permanent lubrication of the shaft bearings, minimizing maintenance and extending the service life of the pump.
- ◆ To protect against overheating, single-phase motor windings contain an automatic reset thermal overload; three phase motors require a magnetic starter with overload protection located in the accessory control panel.

SPECIFICATIONS

- ◆ **Power Cord:** Water-resistant with molded plug comes in 20 or 30 foot lengths
- ◆ **Available Horsepower:** 1/2, 1, 1-1/2, 2
- ◆ **Handle:** Steel
- ◆ **Lubricating Oil:** Dielectric oil
- ◆ **Motor Housing:** Cast iron
- ◆ **Pump Volute:** Cast iron
- ◆ **Shaft:** Stainless steel
- ◆ **Mechanical Shaft Seal:** Seal Faces = Carbon/Ceramic; Spring = Stainless steel; Bellows = Buna-N
- ◆ **Impeller:** Cast iron
- ◆ **Upper Bearing:** Single row ball bearing
- ◆ **Lower Bearing:** Single row ball bearing
- ◆ **Fastener:** Stainless steel



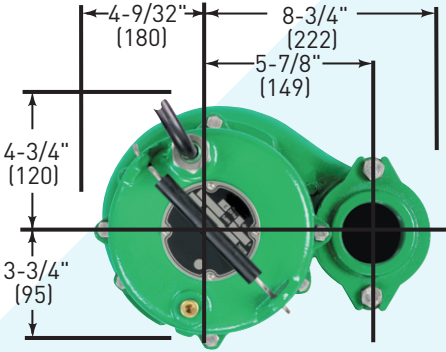
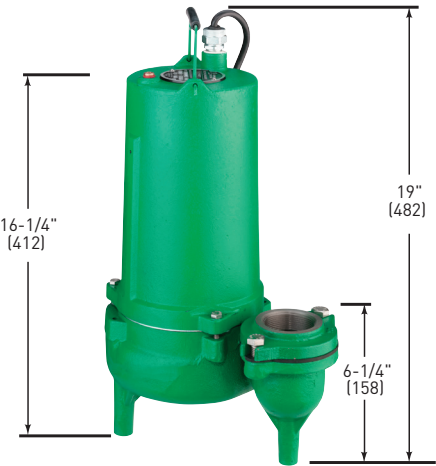
PUMP PERFORMANCE



PERFORMANCE DATA

PUMP/MOTOR UNIT	SUBMERSIBLE					
MODEL	MSKHS50					
Manual Models	M1	M2	M6	M3	M4	M5
Horsepower	1/2					
Full Load Amps	14.2	8.3	6.6	6.0	3.0	2.4
Motor Type	Cap Start			3Ø		
MODEL	MSKHS100					
Manual Models	—	M2	M6	M3	M4	M5
Horsepower	1					
Full Load Amps	—	11.4	8.8	8.0	4.0	3.2
Motor Type	Cap Start			3Ø		
MODEL	MSKHS150					
Manual Models	—	M2	M6	M3	M4	M5
Horsepower	1-1/2					
Full Load Amps	—	13.9	8.5	7.6	3.9	3.1
Motor Type	Cap Start			3Ø		
MODEL	MSKHS200					
Manual Models	—	M2	M6	M3	M4	M5
Horsepower	2					
Full Load Amps	—	18	10.4	9.2	4.6	3.7
Motor Type	Cap Start			3Ø		
R.P.M.	3450					
Phase Ø	1			3		
Voltage	115	230	208	230	460	575
Hertz	60					
Operation	Intermittent					
Temperature	140°F					
NEMA Design	Class B					
Insulation	A					
Discharge Size	2" NPT std. (3" opt.)					
Solids Handling	2"					
Unit Weight	71 lbs.					
Power Cord	14/3, SJTW, 1Ø, 20' std. • 16/4, STWA, 3Ø, 20' std.					

DIMENSIONAL DATA



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

SUBMERSIBLE HIGH HEAD SEWAGE EJECTOR PUMP MSKHS SERIES

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MSKHS50M1 20	28220D000	1/2	138	45	2" or 3"	2"	115	14.2	1	20'	M
MSKHS50A1 20	28220D002	1/2	138	45	2" or 3"	2"	115	14.2	1	20'	PT
MSKHS50M2 20	28220D003	1/2	138	45	2" or 3"	2"	230	8.3	1	20'	M
MSKHS50A2 20	28220D005	1/2	138	45	2" or 3"	2"	230	8.3	1	20'	PT
MSKHS50A7 20	28220D006	1/2	138	45	2" or 3"	2"	200	9.2	1	20'	PT
MSKHS50M3 20	28220D007	1/2	138	45	2" or 3"	2"	230	6.0	3	20'	M
MSKHS50M3 30	28220D008	1/2	138	45	2" or 3"	2"	230	6.0	3	30'	M
MSKHS50M4 20	28220D009	1/2	138	45	2" or 3"	2"	460	3.0	3	20'	M
MSKHS50M5 20	28220D011	1/2	138	45	2" or 3"	2"	575	2.4	3	20'	M
MSKHS50M5 30	28220D012	1/2	138	45	2" or 3"	2"	575	2.4	3	30'	M
MSKHS50M6 20	28220D013	1/2	138	45	2" or 3"	2"	200	6.6	3	20'	M
MSKHS50M6 30	28220D014	1/2	138	45	2" or 3"	2"	200	6.6	3	30'	M
MSKHS50M7 20	28220D015	1/2	138	45	2" or 3"	2"	200	9.2	1	20'	M
MSKHS50M7 30	28220D016	1/2	138	45	2" or 3"	2"	200	9.2	1	30'	M
MSKHS100M2 20	28220D100	1	138	57	2" or 3"	2"	230	11.4	1	20'	M
MSKHS100M2 30	28220D101	1	138	57	2" or 3"	2"	230	11.4	1	30'	M
MSKHS100A2 20	28220D102	1	138	57	2" or 3"	2"	230	11.4	1	20'	PT
MSKHS100M3 20	28220D104	1	138	57	2" or 3"	2"	230	8.0	3	20'	M
MSKHS100M3 30	28220D105	1	138	57	2" or 3"	2"	230	8.0	3	30'	M
MSKHS100M4 20	28220D106	1	138	57	2" or 3"	2"	460	4.0	3	20'	M
MSKHS100M4 30	28220D107	1	138	57	2" or 3"	2"	460	4.0	3	30'	M
MSKHS100M5 20	28220D108	1	138	57	2" or 3"	2"	575	3.2	3	20'	M
MSKHS100M5 30	28220D109	1	138	57	2" or 3"	2"	575	3.2	3	30'	M
MSKHS100M6 20	28220D110	1	138	57	2" or 3"	2"	200	8.8	3	20'	M
MSKHS100M6 30	28220D111	1	138	57	2" or 3"	2"	200	8.0	3	30'	M
MSKHS100M7 20	28220D112	1	138	57	2" or 3"	2"	200	12.6	1	20'	M
MSKHS100M7 30	28220D113	1	138	57	2" or 3"	2"	200	12.6	1	30'	M
MSKHS150M2 20	28220D150	1-1/2	138	70	2" or 3"	2"	230	13.9	1	20'	M
MSKHS150M2 30	28220D151	1-1/2	138	70	2" or 3"	2"	230	13.9	1	30'	M
MSKHS150A7 20	28220D153	1-1/2	138	70	2" or 3"	2"	200	15.3	1	20'	PT
MSKHS150M3 20	28220D154	1-1/2	138	70	2" or 3"	2"	230	7.6	3	20'	M

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MSKHS150M3 30	28220D155	1-1/2	138	70	2" or 3"	2"	230	7.6	3	30'	M
MSKHS150M4 20	28220D156	1-1/2	138	70	2" or 3"	2"	460	3.9	3	20'	M
MSKHS150M4 30	28220D157	1-1/2	138	70	2" or 3"	2"	460	3.9	3	30'	M
MSKHS150M5 20	28220D158	1-1/2	138	70	2" or 3"	2"	575	3.1	3	20'	M
MSKHS150M5 30	28220D159	1-1/2	138	70	2" or 3"	2"	575	3.1	3	30'	M
MSKHS150M6 30	28220D161	1-1/2	138	70	2" or 3"	2"	200	8.5	3	30'	M
MSKHS150M7 20	28220D162	1-1/2	138	70	2" or 3"	2"	200	15.3	1	20'	M
MSKHS150M7 30	28220D163	1-1/2	138	70	2" or 3"	2"	200	15.3	1	30'	M
MSKHS200M2 20	28220D200	2	175	80	2" or 3"	2"	230	18.0	1	20'	M
MSKHS200M3 20	28220D202	2	175	80	2" or 3"	2"	230	9.2	3	20'	M
MSKHS200M4 20	28220D204	2	175	80	2" or 3"	2"	460	4.6	3	20'	M
MSKHS200M4 30	28220D205	2	175	80	2" or 3"	2"	460	4.6	3	30'	M
MSKHS200M5 20	28220D206	2	175	80	2" or 3"	2"	575	3.7	3	20'	M
MSKHS200M5 30	28220D207	2	175	80	2" or 3"	2"	575	3.7	3	30'	M
MSKHS200M6 20	28220D200	2	175	80	2" or 3"	2"	200	10.4	3	20'	M
MSKHS200M6 30	28220D209	2	175	80	2" or 3"	2"	200	10.4	3	30'	M

SEWAGE PUMPS

MW SERIES

The Myers MW Series Sewage Pumps are designed for light commercial and residential raw sewage applications. The enclosed two-vane impeller provides high-efficiency pumping and will easily handle stringy, trashy 2" solids without clogging. The heavy-duty cast iron construction ensures years of service in demanding applications. Available in single- and double seal models; cast iron and optional bronze impeller models.

APPLICATIONS

Sewage, high-capacity sump, and effluent.



Tested & Certified to UL778
and CSA 108.

3 Year Warranty

FEATURES

- ◆ **Cast Iron Tough:** All cast-iron housing and volute case stand tough against extremely corrosive environments.
- ◆ **No Jamming:** Enclosed impeller design eliminates jamming between impeller and volute – cast iron or bronze (optional).
- ◆ **Powerful Starts:** High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out.
- ◆ **Motor Protection:** Rugged, oil-filled motor for bearing lubrication and maximum heat dissipation.
- ◆ **Guards Against Leaks:** Optional leak probe senses water leakage past seal (dual seal motors only).
- ◆ **Prevents Overheating:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature (single phase only).
- ◆ **Easy Service:** Remove only four screws for motor access; volute seal ring is replaceable.

SPECIFICATIONS

- ◆ **Capacities:** Up to 165 GPM (624 LPM)
- ◆ **Shut-Off Head:** Up to 70' (21.3 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Domestic sewage and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (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"
- ◆ **Housing:** Cast iron
- ◆ **Power Cord:** 20'
- ◆ **Impeller:** Ductile iron; bronze (optional) available on double seal models – consult factory
- ◆ **Volute Case:** Class 30 cast iron
- ◆ **Shaft Seal:** Type 21, carbon and ceramic
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61 cm); Duplex: 36" (91.4 cm)

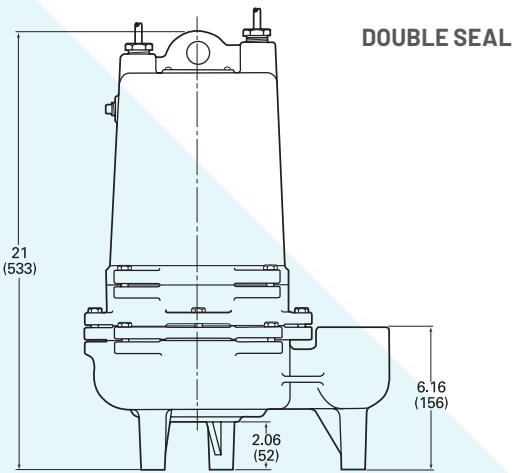
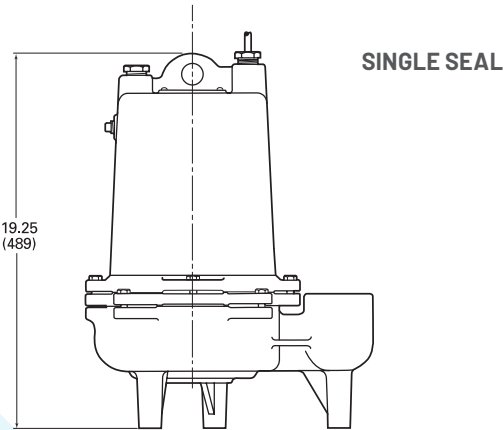
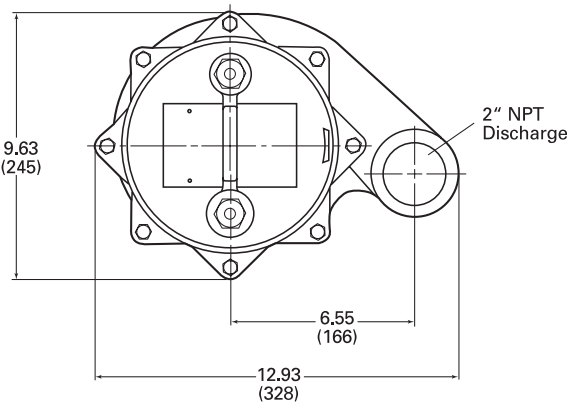
ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	APPROX. CORD LENGTH	WT. LBS
SINGLE SEAL							
MWH50-01P	1/2	200	1	2"	Automatic*	20'	84
MWH50-21	1/2	230	1	2"	Manual	20'	84
MWH50-21P	1/2	230	1	2"	Automatic*	20'	84
MWH50-03	1/2	200	3	2"	Manual	20'	84
MWH50-43	1/2	460	3	2"	Manual	20'	84
MWH50-53	1/2	575	3	2"	Manual	20'	84
MW100-01	1	200	1	2"	Manual	20'	86
MW100-21	1	230	1	2"	Manual	20'	86
MW100-03	1	200	3	2"	Manual	20'	86
MW100-23	1	230	3	2"	Manual	20'	86
MW100-43	1	460	3	2"	Manual	20'	86
MW100-53	1	575	3	2"	Manual	20'	86
MW150-21	1-1/2	230	1	2"	Manual	20'	87
MW150-03	1-1/2	200	3	2"	Manual	20'	87
MW150-23	1-1/2	230	3	2"	Manual	20'	87
MW150-43	1-1/2	460	3	2"	Manual	20'	87
MW150-53	1-1/2	575	3	2"	Manual	20'	87
MW200-01	2	200	1	2"	Manual	20'	88
MW200-21	2	230	1	2"	Manual	20'	88
MW200-03	2	200	3	2"	Manual	20'	88
MW200-23	2	230	3	2"	Manual	20'	88
MW200-43	2	460	3	2"	Manual	20'	88
MW200-53	2	575	3	2"	Manual	20'	88

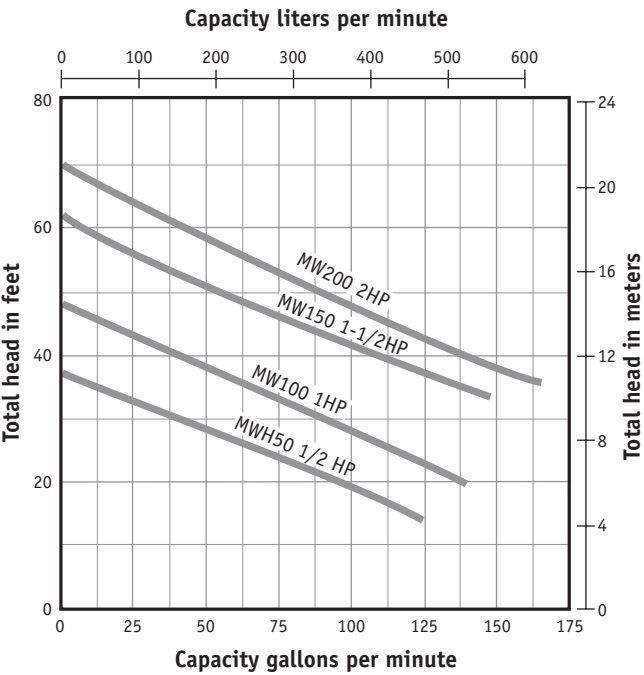
*Piggyback

Note: Consult factory for Double Seal models

DIMENSIONAL DATA



PUMP PERFORMANCE



SEWAGE PUMPS

WHR SERIES

The Myers WHR Series Sewage Pumps feature all cast iron construction to withstand the most extreme conditions. Available in single seal, and double seal models for additional protection against water leakage. The enclosed two-vane impeller provides high-efficiency pumping and will handle stringy, trashy 2" solids without clogging. Designed for sewage and effluent and can be used for applications requiring high heads.

APPLICATIONS

Residential and Commercial sewage, domestic wastewater, and septic systems.



Tested & Certified to UL778
and CSA 108.

3 Year Warranty

FEATURES

- ◆ **Non-Clog Design:** Recessed impeller provides maximum efficiency and eliminates jamming between volute case.
- ◆ **Leak Detection:** Optional leak probe senses water leakage past seal (dual seal motors only).
- ◆ **Cool Running:** Durable, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Powerful Starts:** High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.
- ◆ **High Capacity Handling:** Passes full 2" solids.

SPECIFICATIONS

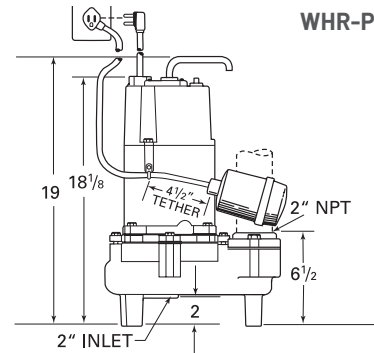
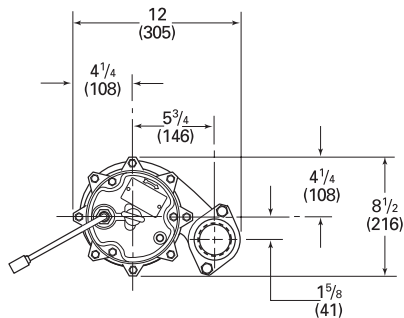
- ◆ **Capacities:** 176 GPM (666 LPM)
- ◆ **Shut-Off Head:** 33' (10.1 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Drain water and domestic sewage
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 1/2 HP, 115V; 1Ø, 60Hz, permanent split capacitor type; 1/2, 3/4, 1 HP, 230V, 1Ø, 60 Hz, permanent split capacitor type; 208/230/460/575V, 3Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Discharge NPT:** 2"; 3"
- ◆ **Housing:** Cast iron
- ◆ **Power Cord:** WHR-SJOW/SJOW-A 20', 16/3, 1Ø; 20', 16/4, 3Ø; WHR-DS - 20', 14/4, 1Ø; 20', 14/3, 1Ø, L/D; 20', 16/4, 3Ø, L/D
- ◆ **Impeller:** Cast iron, vortex
- ◆ **Volute Case:** Cast iron
- ◆ **Shaft Seal:** Single type 21, carbon/ceramic, double tandem carbon/ceramic
- ◆ **Minimum Sump Diameter:** Simplex: 24" (61 cm); Duplex: 30" (76 cm)

ORDERING INFORMATION

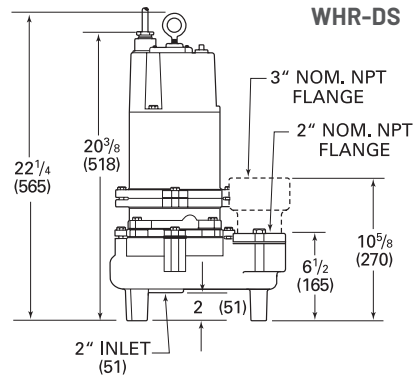
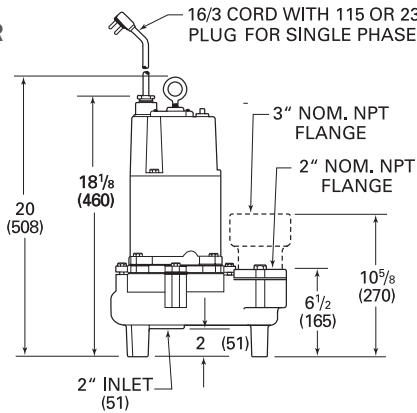
CATALOG NUMBER	ENGINEERING #	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	APPROX. CORD LENGTH	WT. LBS
WHR SERIES (Single Seal)								
WHR5-11C	21639D001	1/2	115	1	2"	Manual	20'	75
WHR5-21C	21639D004	1/2	230	1	2"	Manual	20'	75
WHR5P-1*	21639D902	1/2	115	1	2"	Automatic*	20'	76
WHR5P-2*	21639D903	1/2	230	1	2"	Automatic*	20'	76
WHR5-03	21646D000	1/2	200	3	2"	Manual	20'	75
WHR5-23	21646D001	1/2	230	3	2"	Manual	20'	75
WHR5-43	21646D002	1/2	460	3	2"	Manual	20'	75
WHR5-53	21646D003	1/2	575	3	2"	Manual	20'	75
WHR7-21C	21641D002	3/4	230	1	2"	Manual	20'	79
WHR7P-2*	21640D900	3/4	230	1	2"	Automatic*	20'	80
WHR7-03	21646D000	3/4	200	3	2"	Manual	20'	79
WHR7-23	21646D001	3/4	230	3	2"	Manual	20'	79
WHR7-43	21646D002	3/4	460	3	2"	Manual	20'	79
WHR7-53	21646D003	3/4	575	3	2"	Manual	20'	79
WHR10-21C	21641D002	1	230	1	2"	Manual	20'	85
WHR10P-2*	21641D900	1	230	1	2"	Automatic*	20'	86
WHR10-03	21647D000	1	200	3	2"	Manual	20'	85
WHR10-23	21647D001	1	230	3	2"	Manual	20'	85
WHR10-43	21647D002	1	460	3	2"	Manual	20'	85
WHR10-53	21647D003	1	575	3	2"	Manual	20'	85

CATALOG NUMBER	ENGINEERING #	HP	VOLTS	PHASE	WIRE SIZE	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
WHR SERIES (Double Seal)									
WHR5-11-DS	21639D020	1/2	115	1	14/4	2"	Manual	20'	80
WHR5-01-DS	21639D021	1/2	208	1	14/4	2"	Manual	20'	80
WHR5-21-DS	21639D022	1/2	230	1	14/4	2"	Manual	20'	80
WHR5-11-DS-L/D	21639D023	1/2	115	1	16/3	2"	Manual	20'	80
WHR5-21-DS-L/D	21639D024	1/2	230	1	16/4	2"	Manual	20'	80
WHR5-03-DS-L/D	21639D025	1/2	208	3	16/4	2"	Manual	20'	80
WHR5-23-DS-L/D	21645D020	1/2	230	3	16/4	2"	Manual	20'	80
WHR5-43-DS-L/D	21645D021	1/2	460	3	16/4	2"	Manual	20'	80
WHR5-53-DS-L/D	21645D022	1/2	575	3	16/4	2"	Manual	20'	80
WHR7-21-DS-L/D	21640D021	3/4	230	1	16/3	2"	Manual	20'	85
WHR7-43-DS-L/D	21646D022	3/4	460	3	16/4	2"	Manual	20'	85
WHR7-53-DS-L/D	21646D023	3/4	575	3	16/4	2"	Manual	20'	85
WHR10-21-DS	21641D020	1	230	1	14/4	2"	Manual	20'	90
WHR10-21-DS-L/D	21641D021	1	230	1	16/3	2"	Manual	20'	90
WHR10-03-DS-L/D	21647D020	1	208	3	18/4	2"	Manual	20'	90
WHR10-43-DS-L/D	21647D022	1	460	3	18/4	2"	Manual	20'	90
WHR10-53-DS-L/D	21647D023	1	575	3	18/4	2"	Manual	20'	90

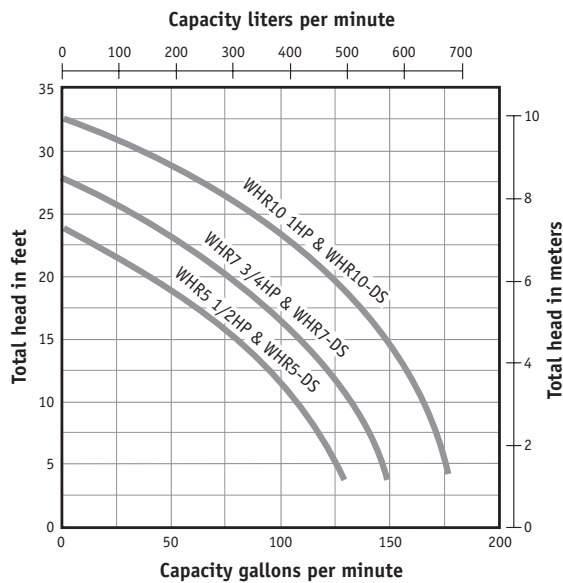
DIMENSIONAL DATA



WHR 16/3 CORD WITH 115 OR 230 VOLT PLUG FOR SINGLE PHASE (WHR ONLY)



PUMP PERFORMANCE



PUMP DATA - FULL LOAD AMP

SINGLE SEAL	DUAL SEAL	FLA
WHR5-11	WHR5-11-DS	10.5
WHR5-01	WHR5-01-DS	8
WHR5-21	WHR5-21-DS	5.25
WHR5-03	WHR5-03-DS	3.6
WHR5-23	WHR5-23-DS	3.2
WHR5-43	WHR5-43-DS	1.6
WHR5-43	WHR5-43-DS	1.3
WHR7-01	WHR7-01-DS	7
WHR7-21	WHR7-21-DS	7
WHR7-03	WHR7-03-DS	5.1
WHR7-23	WHR7-23-DS	4.1
WHR7-43	WHR7-43-DS	2
WHR7-53	WHR7-53-DS	1.6
WHR10-01	—	10.8
WHR10-21	WHR10-21-DS	9.4
WHR10-03	—	6
WHR10-23	WHR10-23-DS	5.2
WHR10-43	WHR10-43-DS	2.6
WHR10-53	WHR10-53-DS	2.4

COMMERCIAL SEWAGE AND EFFLUENT PUMPS

WHR5H-WHR20H SERIES

The Myers WHR5H-WHR20H series vortex pumps are designed for use in light commercial sewage and effluent applications.

Recessed impeller is standard allowing the pump to handle stringy waste without plugging the impeller. The series passes 2 inch solids.

FEATURES

Tough Against Corrosion: All cast iron construction resists the most extreme corrosive environments.

Runs Cooler: Oil-filled motor for bearing lubrication and maximum heat dissipation.

Flow to Meet Demand: Higher head performance for demanding sewage and effluent applications.

Powerful Starts: High-torque, permanent split capacitor (PSC) motor on single phase motors.

Thermal Protection: Single phase motors have heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.

SPECIFICATIONS

- ◆ **Shut-Off Head:** Up to 71' (18.4 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Raw sewage and sewage effluent
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 1/2 HP 115V, 1/2, 1, 1-1/2 and 2 HP 208/230V 1Ø, 60 Hz 3400 RPM PSC; 1/2, 1, 1-1/2, and 2 HP 208-230/460V, 575V 3Ø, 60Hz 3450 RPM
- ◆ **Acceptable pH Range:** 6-9
- ◆ **Discharge NPT:** 2", Optional 3"
- ◆ **Housing:** Cast iron
- ◆ **Power Cord:** 1/2 HP 115 V = 20' (6.1 m), 14/3, SJOW/SJOW-A, 1Ø. All other 1Ø = 16/3 cords. All 3Ø = 20' (6.1 m), 16/4, SJOW/SJOW-A
- ◆ **Impeller:** Ductile iron, recessed
- ◆ **Volute Case:** Cast iron
- ◆ **Shaft Seal:** Type 21, carbon and ceramic
- ◆ **Minimum Sump Diameter:** Simplex: 24" (610 mm); Duplex: 30" (762 mm)



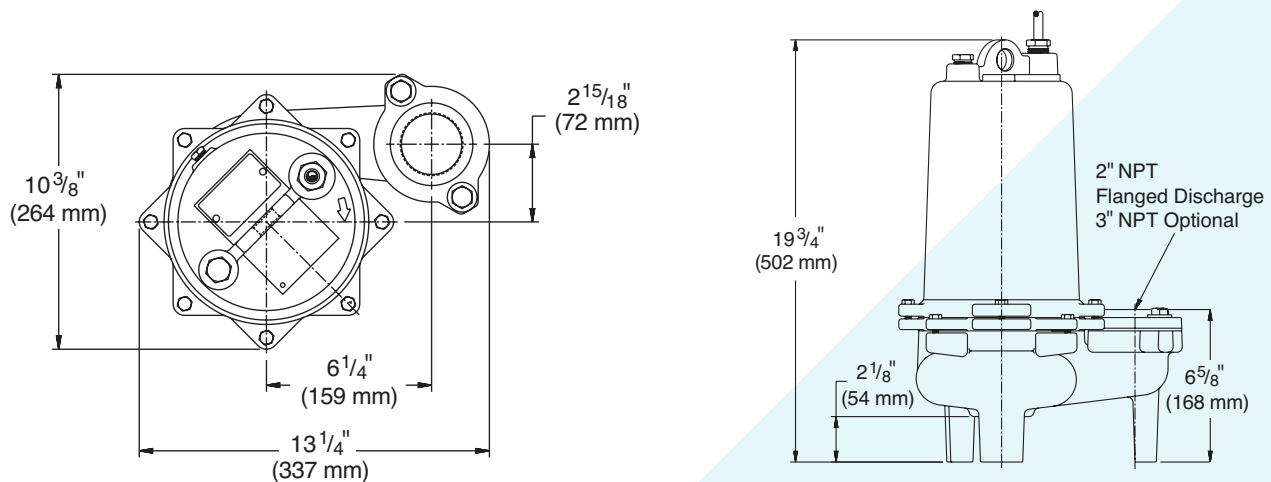
Tested & Certified to UL778
and CSA 108.

3 Year Warranty

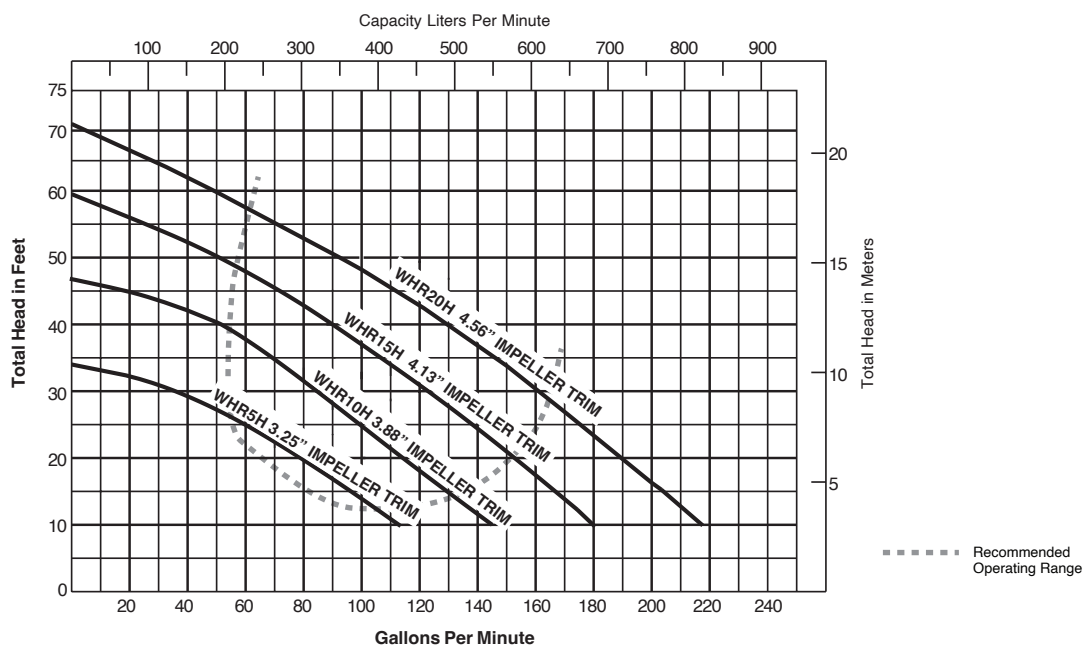
ORDERING INFORMATION

MODEL NUMBER	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	WT. LBS
WHR5H-11	1/2 (0.37 kw)	115	1	2" NPT	Manual	20' (6.1 mm)	75 (34 kg)
WHR5H-01		208	1				
WHR5H-21		230	1				
WHR5H-03		208	3				
WHR5H-23		230	3				
WHR5H-43		460	3				
WHR5H-53		575	3				
WHR10H-01	1 (0.75 kw)	208	1	2" NPT	Manual	20' (6.1 mm)	79 (35.8 kg)
WHR10H-21		230	1				
WHR10H-03		208	3				
WHR10H-23		230	3				
WHR10H-43		460	3				
WHR10H-53		575	3				
WHR15H-01	1-1/2 (1.1 kw)	208	1	2" NPT	Manual	20' (6.1 mm)	85 (38.6 kg)
WHR15H-21		230	1				
WHR15H-03		208	3				
WHR15H-23		230	3				
WHR15H-43		460	3				
WHR15H-53	2 (1.5 kw)	575	3	2" NPT	Manual	20' (6.1 mm)	95 (43.1 kg)
WHR20H-21		230	1				
WHR20H-03		208	3				
WHR20H-23		230	3				
WHR20H-43		460	3				

DIMENSIONS



PERFORMANCE



MOTOR ELECTRICAL DATA

MODEL NUMBER	HP	VOLTS	PHASE	HERTZ	START MAX AMPS	RUN AMPS	RUN KW	START KVA	NEC code KVA	LETTER
WHR5H-11	1/2	115	1	60	30.4	13.8	1.9	3.5	1.6	H
WHR5H-01	1/2	208	1	60	16.2	7.6	1.7	3.4	1.6	H
WHR5H-21	1/2	230	1	60	16.2	6.9	1.7	3.7	1.6	H
WHR5H-03	1/2	208	3	60	20.2	5.2	1.4	7.3	1.9	R
WHR5H-23	1/2	230	3	60	20.2	4.7	1.4	8.0	1.9	S
WHR5H-43	1/2	460	3	60	10.1	2.3	1.4	8.0	1.9	S
WHR5H-53	1/2	575	3	60	8.1	1.9	1.4	8.0	1.9	S
WHR10H-01	1	208	1	60	28.0	14.8	3.0	5.8	2.8	B
WHR10H-21	1	230	1	60	23.0	12.8	3.0	5.3	2.8	B
WHR10H-03	1	208	3	60	30.0	7.7	2.5	10.8	3.0	J
WHR10H-23	1	230	3	60	30.0	7.0	2.5	10.8	3.0	K
WHR10H-43	1	460	3	60	15.0	3.5	2.5	11.9	3.0	K
WHR10H-53	1	575	3	60	12.0	2.8	2.5	11.9	3.0	K
WHR15H-01	1-1/2	208	1	60	39.9	15.3	3.3	8.3	3.2	D
WHR15H-21	1-1/2	230	1	60	33.4	13.1	3.3	7.7	3.0	C
WHR15H-03	1-1/2	208	3	60	30.0	8.5	2.8	10.8	3.4	F
WHR15H-23	1-1/2	230	3	60	30.0	7.7	2.8	11.9	3.1	G
WHR15H-43	1-1/2	460	3	60	15.0	3.9	2.8	11.9	3.1	G
WHR15H-53	1-1/2	575	3	60	12.0	3.1	2.8	11.9	3.1	G
WHR20H-21	2	230	1	60	63.0	18.0	3.8	14.5	3.7	E
WHR20H-03	2	208	3	60	53.0	10.4	3.3	19.1	3.6	G
WHR20H-23	2	230	3	60	46.0	9.0	3.3	18.3	3.6	G
WHR20H-43	2	460	3	60	23.0	4.5	3.3	18.3	3.6	G

SEWAGE PUMPS

DSW SERIES

The Myers DSW Series Sewage Pumps feature a stainless steel housing and volute case for the ultimate in corrosion resistance and maximum service life. This versatile pump is designed for the most demanding sewage, wastewater, or effluent applications, and handles solids up to 2" in diameter.

APPLICATIONS

Domestic wastewater and septic systems, pond, and waterfall.



FEATURES

- ◆ **Stainless Steel Tough:** Stainless steel housing and volute case stand tough against the most extreme corrosive environments.
- ◆ **Stronger Starts:** High-torque, permanent split capacitor (PSC) motor; no relays or starting switches to wear out.
- ◆ **Runs Cooler:** Rugged, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Continuous Duty.**
- ◆ **Leak Protection:** Long-life silicon carbide or carbon ceramic seal protects motor against water leakage.
- ◆ **Extended Service:** Fully lubricated bearings and shaft seal for longer service life.
- ◆ **Smooth Operation:** Impeller is designed for clog resistance and effectively handles solids up to 2" in diameter – available in thermoplastic or stainless steel construction.

SPECIFICATIONS

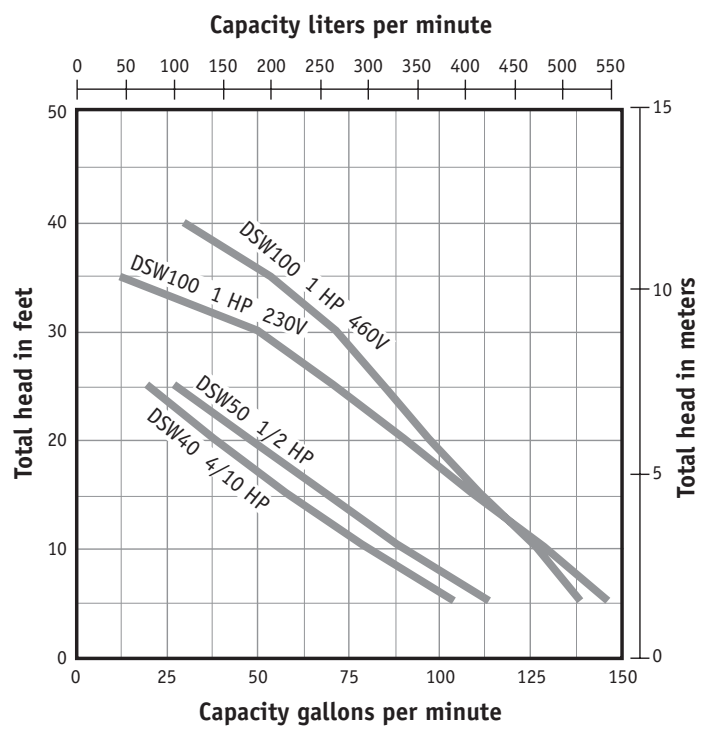
- ◆ **Capacities:** 145 GPM (549 LPM)
- ◆ **Shut-Off Head:** 36' (12.8 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Sewage, wastewater, effluent
- ◆ **Continuous Liquid Temp.:** 130°F (54°C)
- ◆ **Motor/Electrical Data:** 4/10 HP, 1/2 HP, 115V/1Ø; 1/2 HP, 1 HP, 230V/1Ø; 1 HP, 460V/3Ø; oil-filled, permanent split capacitor type, continuous duty
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Discharge NPT:** 2" w/90° elbow
- ◆ **Housing:** Stainless steel
- ◆ **Power Cord:** 20', SJOW, 16 AWG
- ◆ **Impeller:** Stainless steel
- ◆ **Volute Case:** Stainless steel
- ◆ **Shaft Seal:** Mechanical – carbon and ceramic



Tested & Certified to UL778
and CSA 108.

3 Year Warranty

PUMP PERFORMANCE



ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX. WT. LBS
DSW40P1	4/10	115	1	2"	Tethered Automatic*	20'	21
DSW50P1	1/2	115	1	2"	Tethered Automatic*	20'	25
DSW50M2	1/2	230	1	2"	Manual	20'	25
DSW100M2	1	230	1	2"	Manual	20'	26
DSW100M4	1	460	3	2"	Manual	20'	26

*Piggyback

PRE-PLUMBED SEWAGE PACKAGE

SR1830 SERIES - SRM4

The Myers SR1830 Packaged Sewage System for below-drain applications features the heavy-duty cast iron SRM4 series pump and corrosion-resistant basin making this the preferred package for extended service installations. The specially designed recessed vortex impeller ensures the free flow of solids up to 2" diameter.

APPLICATIONS

Residential sewage systems.



FEATURES

- ◆ **Ready To Go:** Fully assembled system includes pump, basin, sealed cover, internal basin discharge pipe, and 2" full-swing check valve.
- ◆ **Heavy-Duty Pump:** Long-life carbon/ceramic seal protects motor against leakage. Oil-filled motor for continuous lubrication and heat dissipation. Internal heat sensor prevents overheating and includes automatic reset. Tethered automatic float switch with piggyback plug.
- ◆ **Basin:** 18" x 30" corrosion-resistant thermoplastic construction with a 30 gallon capacity and 4" plastic slip type or cast iron inlet hub.
- ◆ **Basin Cover:** 18" seal-tight design in thermoplastic. 2" discharge flange and vent flange suitable for 2" or 3" vent.

SPECIFICATIONS

- ◆ **Capacities:** 115 gpm (435 lpm)
- ◆ **Shut-Off Head:** 18' (5.4 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Septic, effluent, and sewage
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 4/10HP, 115V, 13A, 1Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Heavy cast iron
- ◆ **Volute Case Cord:** Cast iron
- ◆ **Impeller:** Recessed, thermoplastic
- ◆ **Shaft Seal:** Type 11A, carbon and ceramic
- ◆ **Basin Size:** 18" x 30" ; 30-gallon capacity
- ◆ **Power Cord:** 20'



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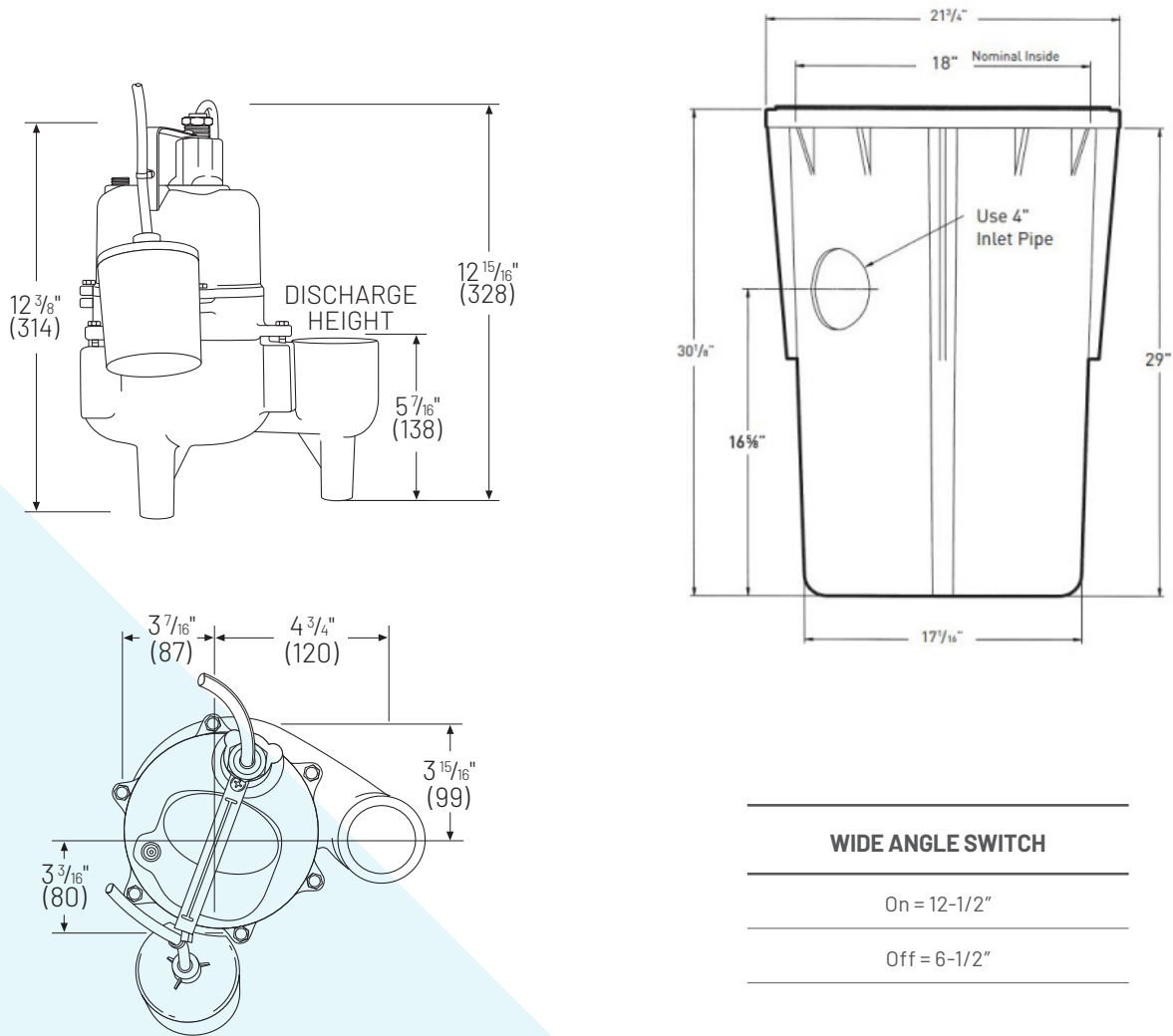
ORDERING INFORMATION

CATALOG #	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	COVER TYPE	INLET TYPE	VENT SIZE	SWITCH TYPE	CORD LENGTH	WT. LBS
SR1830	4/10	115	1	13	2"	Solid	Snap-In	2"/3"	Tethered Automatic*	20'	56

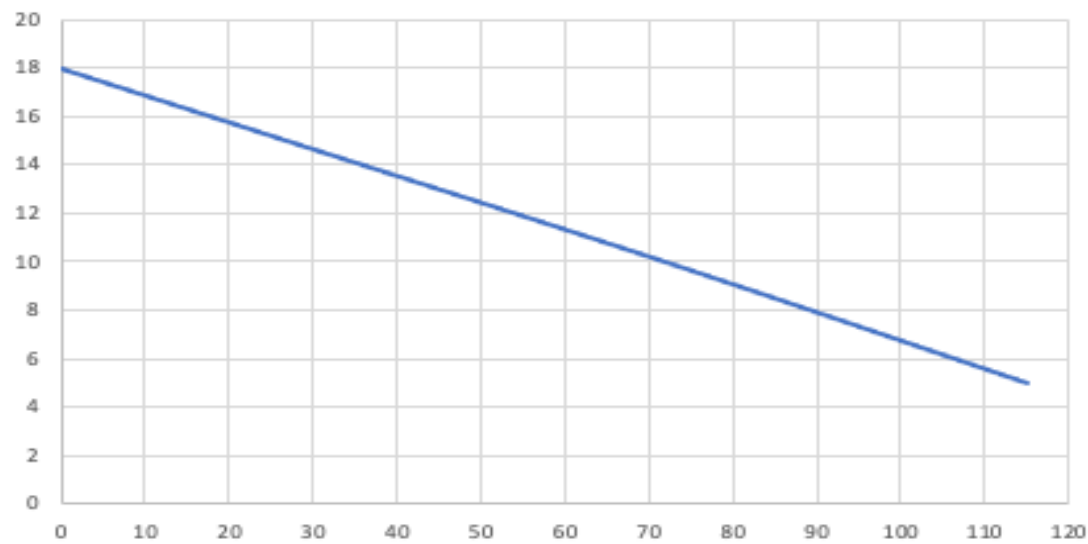
*Piggyback

DIMENSIONAL DATA

Measurements shown in inches (mm).



PERFORMANCE DATA



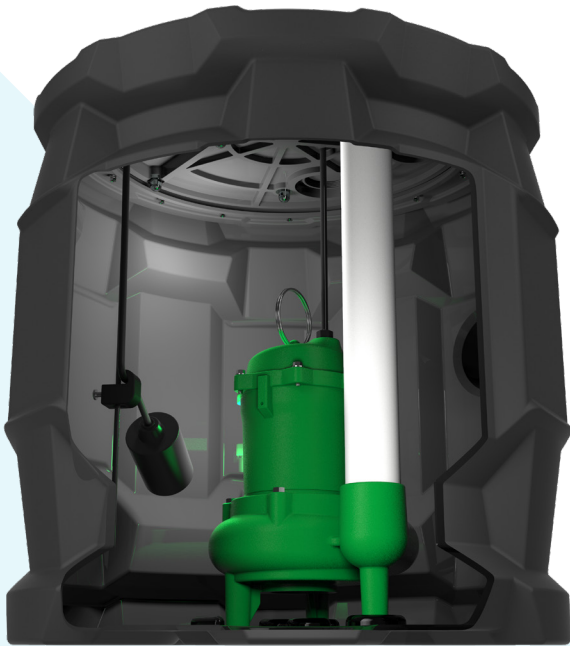
24" X 24" SEWAGE BASIN PACKAGES

SB24MW50

The Myers SB24MW50 Series 24"x24" Sewage Basin Package is designed to be installed in a basement floor to collect sewage or effluent water from a dishwasher, sink, toilet, or washer so that it can be pumped away with a sewage pump basin assembly.

FEATURES

- ◆ **Pre-Assembled From Factory:** For quick and easy installation.
- ◆ **Cast Iron Sewage and Grinder Pumps:** For high performance.
- ◆ **Robust Polyethylene Structure:** For superior durability.
- ◆ **Specially Designed Bottom Grooves:** For easy leveling in rough soil.
- ◆ **Molded Torque Stops:** Keep pump in place.
- ◆ **38.5 Gallon Capacity:** For longer pump cycles prolonging the pump life.
- ◆ **5 Additional Flats:** For adding or changing inlet pipe location.



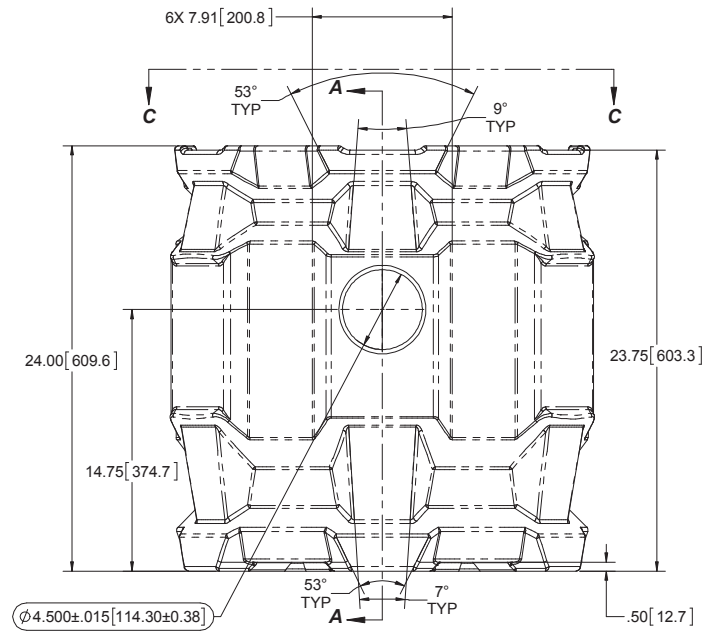
SPECIFICATIONS

- ◆ **Motor HP:** 1/2
- ◆ **Capacities:** 135 GPM (511 LPM)
- ◆ **Shut-Off Head:** 27' (8.2 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Septic, effluent, and sewage
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 4/10HP, 115V, 9A, 1Ø, 60Hz
- ◆ **Switch:** Pre-installed tethered
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Cast iron
- ◆ **Volute Case Cord:** Cast iron
- ◆ **Impeller:** Thermoplastic
- ◆ **Basin:** Polyethylene
- ◆ **Basin Size:** 24" x 24" (609mm x 609mm); 38.5 gallon (145.7 L) capacity
- ◆ **Power Cord:** 20' (6.1m)
- ◆ **Warranty:** 3 Years

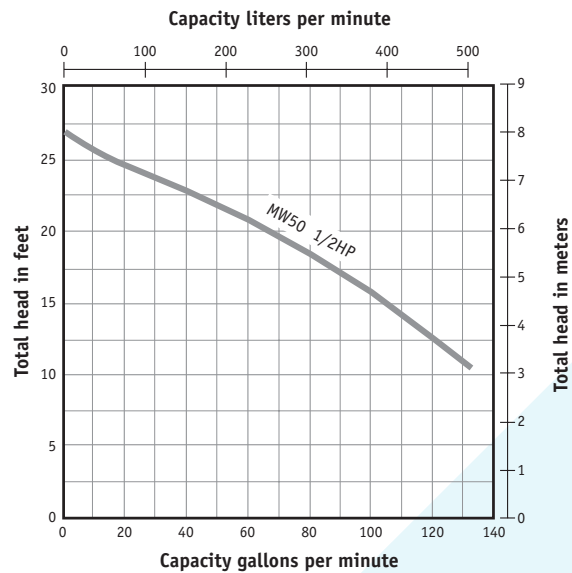


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3 Year Warranty

DIMENSIONAL DATA



PUMP PERFORMANCE



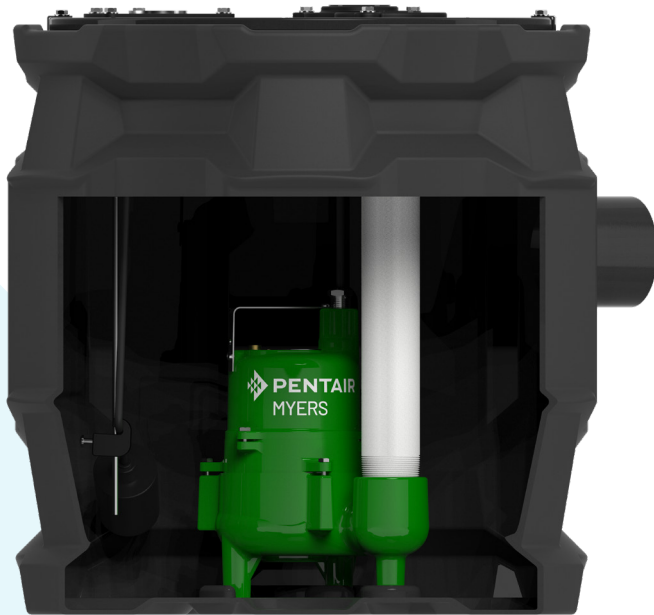
24" X 24" SEWAGE BASIN PACKAGE

SB24 SERIES - SRM4

The 24" x 24" Sewage Basin Package is designed to be installed in a basement floor to collect sewage or effluent water from toilet, washer, dishwasher, or a sink so that it can be pumped away with a sump pump or sewage pump.

APPLICATIONS

Residential sewage systems pumping to septic or municipal sewer systems.



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3 Year Warranty

FEATURES

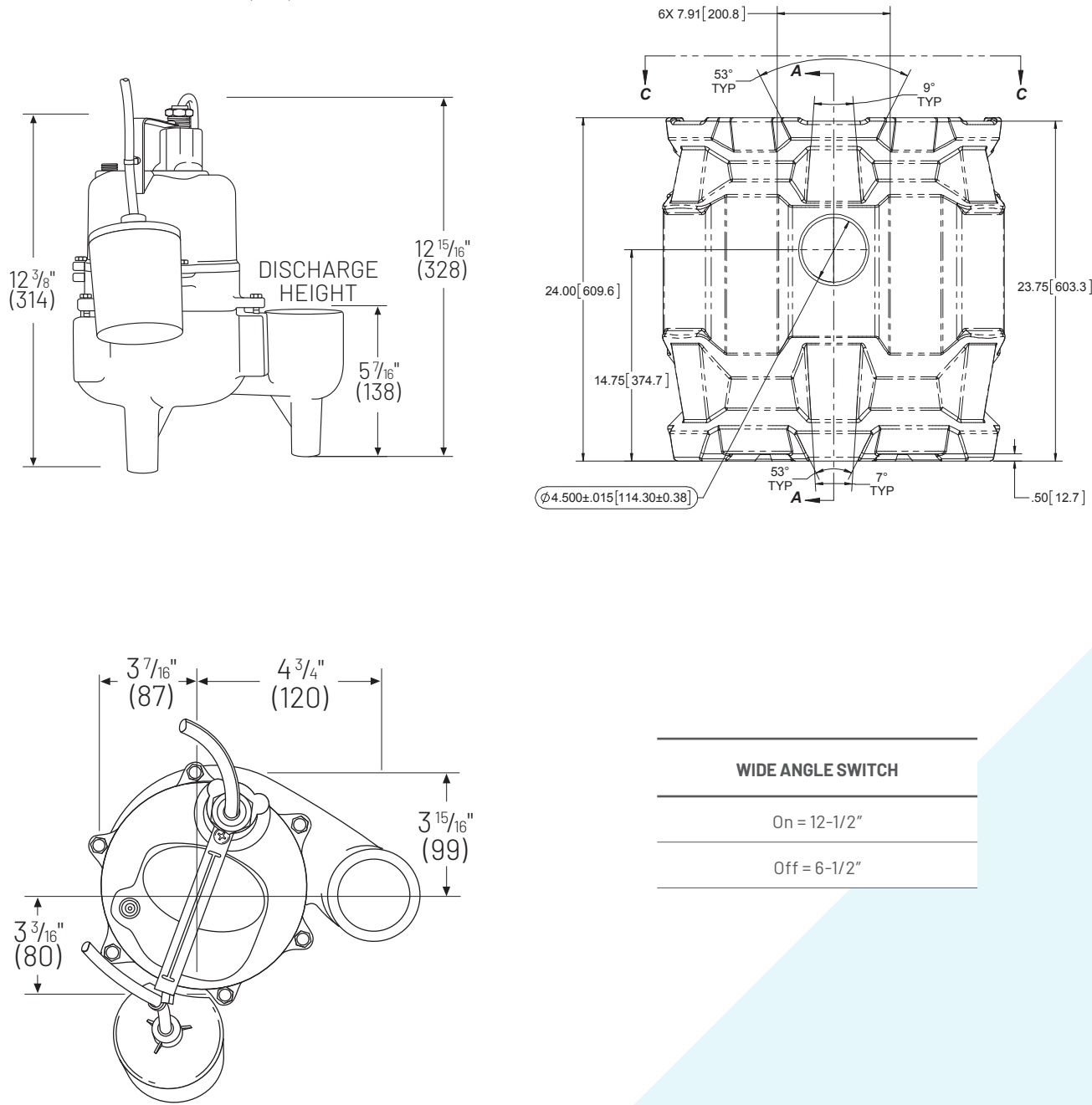
- ◆ **Pre-Assembled From Factory:** For quick and easy installation.
- ◆ **Cast Iron Sewage Pump:** For high performance.
- ◆ **Robust Thermoplastic Structure:** For superior durability.
- ◆ **Specially Designed Bottom Grooves:** For easy leveling in rough soil.
- ◆ **Molded Torque Stops:** Keep pump in place.
- ◆ **38.5 Gallon Capacity:** For longer pump cycles prolonging the pump life.
- ◆ **5 Additional Flats:** For adding or changing inlet pipe location.

SPECIFICATIONS

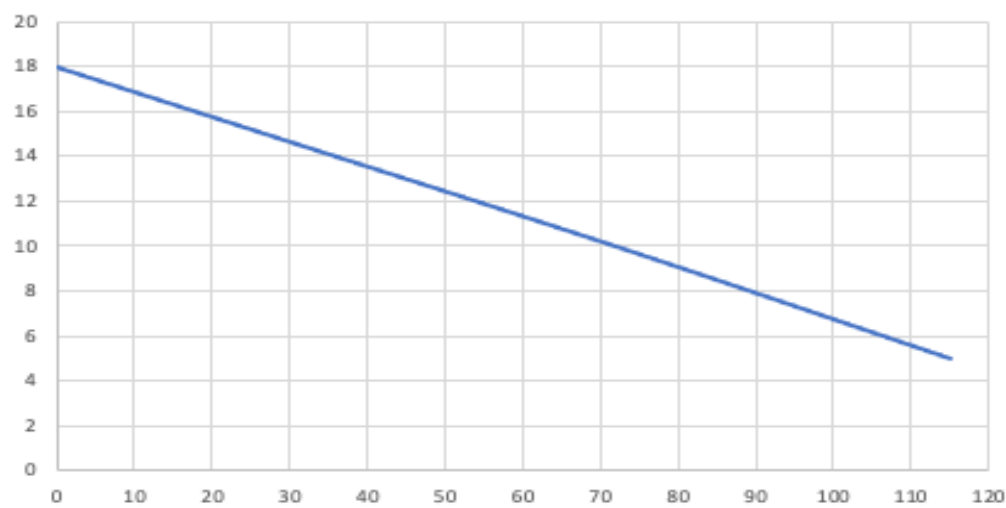
- ◆ **Capacities:** 115 gpm (435 lpm)
- ◆ **Shut-Off Head:** 18' (5.4 m)
- ◆ **Solids Handling:** 2" (50.8 mm)
- ◆ **Liquids Handling:** Septic effluent and sewage
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 4/10 HP, shaded pole, 115V, 13A, 1Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Discharge NPT:** 2"
- ◆ **Housing:** Heavy cast iron
- ◆ **Volute Case Cord:** Cast iron
- ◆ **Impeller:** Recessed, thermoplastic
- ◆ **Shaft Seal:** Type 11A, carbon and ceramic
- ◆ **Basin Size:** 24" x 24"; 38.5 gallon capacity
- ◆ **Power Cord:** 20'

DIMENSIONAL DATA

Measurements shown in inches (mm).



PERFORMANCE DATA



ORDERING INFORMATION

CATALOG #	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	COVER TYPE	INLET TYPE	VENT SIZE	SWITCH TYPE	CORD LENGTH	WT. LBS
SB24SRM	4/10	115	1	13	2"	Solid	Snap-In	2"/3"	Tethered Automatic*	20'	56

*Piggyback

SEWAGE EJECTOR PUMP & BASIN PACKAGE

M224A MODEL

The Myers M224A Model Sewage Ejector Pump & Basin Package is specifically designed to meet the demands of residential wastewater and sewage applications. It includes the MSKV50AW1 1/2 HP pump constructed from heavy duty cast iron 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. All of which is packaged within the super strong poly basin that is nestable, impact resistant, and corrosion proof. The basin comes complete with all the fittings, schedule 80 piping, swing check valve, grommets, o-rings, gasket material, and hardware required so the plumber always has the complete package at the job site.

APPLICATIONS

Sewage, high-capacity sump, and effluent.

FEATURES

- ◆ Completely assembled package from the factory, ready for quick and easy installation.
- ◆ Structural foam basins are made of durable polyethylene and injection molded single piece construction for consistent quality, lightweight easy handling and installation. No heavy equipment or lifting required.
- ◆ Molded torque stops in basin to prevent pump from moving.
- ◆ Durable 14G steel cover for easy maintenance that allows removal without having to disconnect the vent piping.
- ◆ 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.
- ◆ Neoprene gasket tape to attach to the tank lid to get a positive seal between basin and cover.
- ◆ Strong and durable cover protects against abuse during installation, service, and regular daily wear.
- ◆ Piggyback Switch Plug design allows for simple conversion to manual operation by plugging the motor plug directly into the electrical outlet, providing an easy way to periodically cycle the pump to ensure it is operating properly.

SPECIFICATIONS

- ◆ **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



Tested & Certified to UL778
and CSA 108.

3 Year Warranty

SEWAGE EJECTOR PUMP & BASIN PACKAGE M224A SYSTEM

SPECIFICATION DATA

- ◆ **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
- ◆ **Temp.:** 140°F
- ◆ **NEMA Design:** L
- ◆ **Insulation:** Class B
- ◆ **Discharge Size:** 2" NPT std.
- ◆ **Solids Handling:** 2"
- ◆ **Unit Weight:** 76 lbs.
- ◆ **Power Cord:** 16/3, 115V = 10' std

BASIN:

- ◆ Capacity 65 U.S. Gallons
- ◆ Poly
- ◆ Impact Resistant
- ◆ Corrosion Proof
- ◆ 4" Inlet hub
- ◆ Weight 15 lbs.

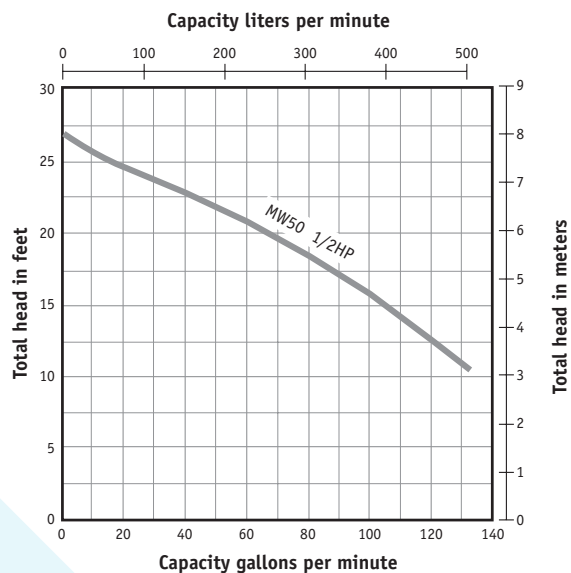
FITTINGS:

- ◆ Nitrile Electrical Grommets & O-Rings
- ◆ Optional 2" & 3" Discharge Ring Available
- ◆ 1/2" Wide Neoprene Gasket Tape for Positive Seal
- ◆ 3/8" Plated Hex Head Machine Screws

COVER:

- ◆ 14G steel
- ◆ Impact Resistant

PUMP PERFORMANCE

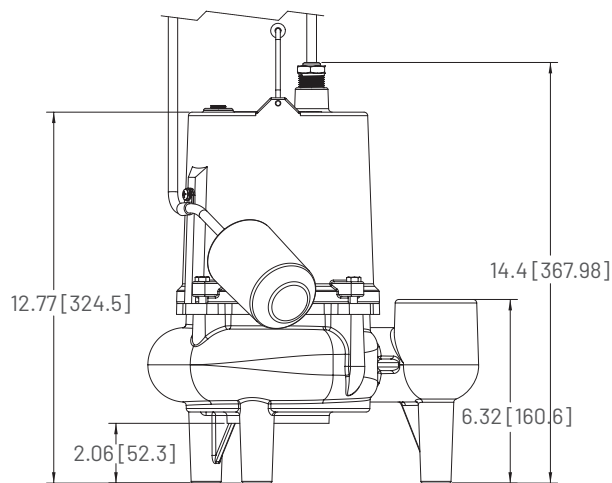
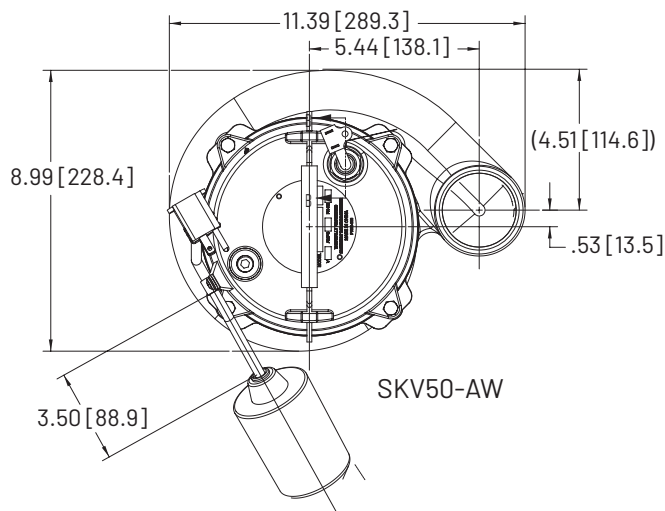


ORDERING INFORMATION

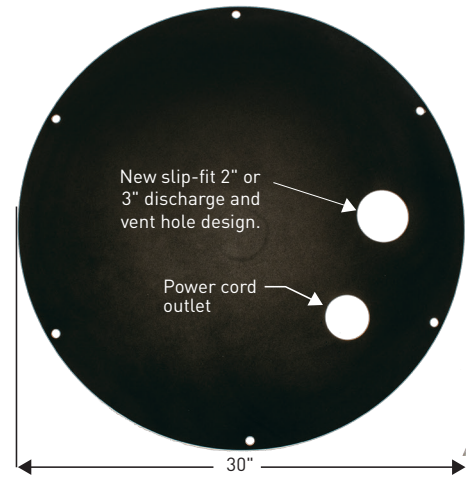
MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
M224A	1/2	180	22	2"	2"	115	12.0	1	10'	PT

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]



BASIN DIMENSIONAL DATA



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.

GRINDER PUMPS

The new Pentair Myers VRS10 and VRS20 grinders feature a patented axial cutter technology that easily slices through solids and trash found in domestic wastewater without roping or clogging. They come with plenty of standard features to make installation a breeze.



WASTEWATER GRINDER PUMPS

VRS1 SERIES 1HPS

The Myers VR1 Series Wastewater Grinder Pumps feature a patented axial cutter technology that easily slices through solids and trash found in domestic wastewater without roping or clogging. The Grinder Pumps come with many standard features and are easy to install in residential settings.

APPLICATIONS

Residential wastewater.

FEATURES

- ◆ **Wide Angle Float Switch:** Piggy-back cord for easy maintenance.
- ◆ **Cable Entry System:** Cable jacket sealed by compression fitting and individual wires sealed by compression grommet for double seal protection against water ingress.
- ◆ **Oil-Filled Motor:** Maximizes heat dissipation and provides constant bearing lubrication for long life. High torque start/run capacitor for single phase motors for assured starting under heavy loads. Internal capacitors eliminate need for control panel.
- ◆ **Integrated Heat Sensor:** Protects motor from burnout due to excessive heat from any overload condition. Automatically resets when motor has cooled.
- ◆ **Shaft and Fasteners:** Stainless steel for maximum corrosion resistance and long life.
- ◆ **Shaft Seals:** Oil lubricated single carbon and ceramic faced seal provides motor protection.
- ◆ **Volute Case:** 2" vertical discharge.
- ◆ **Impeller:** Semi-open impeller handles ground slurry without clogging or binding. Pump-out vanes help keep trash from seal and reduces pressure at seal face for longer life.
- ◆ **Axial Cutter System:** Easily slices through solids and trash commonly found in domestic wastewater without roping or clogging. Constructed of 440 SST hardened to 57-60Rc for long life. Easily replaceable without dismantling pump.

SPECIFICATIONS

- ◆ **Capacities:** 52 GPM - 196.8 LPM
- ◆ **Heads To:** 60 ft. - 18.3 m
- ◆ **Motor Electrical Data:** 3450 rpm, 60 Hz, 1 ph 115V, 230V
- ◆ **Discharge (Flange Dia.):** 2"
- ◆ **Min. Sump Diameter:** 24 in.-61.0 mm
- ◆ **Motor Housing, Seal Housing, Cord Cap and Volute Case:** Cast Iron, Class 30, ASTM A48
- ◆ **Semi-Open Impeller:** Thermoplastic
- ◆ **Power Cord:** SJ00W
- ◆ **Mechanical Seals: Standard:** Carbon and ceramic
- ◆ **Pump, Motor Shaft:** 416 SST
- ◆ **Fasteners:** 300 Series SST
- ◆ **Cutting Mechanism:** 440 SST 58-60 Rockwell

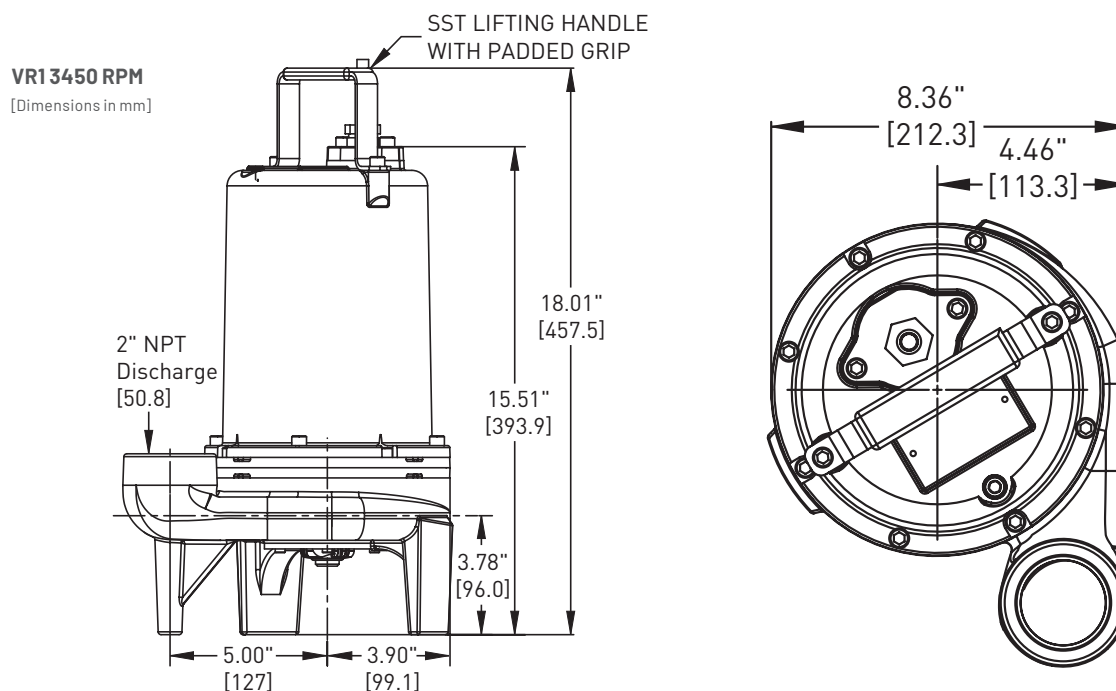


ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
VRS10A-11	28172D000	1	49	61	2"	-	115	13.0	1	20'	PT
VR1 VRS10M-11	28172D001	1	49	61	2"	-	115	13.0	1	20'	M
VR1 VRS10A-21	28172D002	1	49	61	2"	-	230	7.0	1	20'	PT
VRS10M-21	28172D003	1	49	61	2"	-	230	7.0	1	20'	M

WASTEWATER GRINDER PUMPS VR1 SERIES

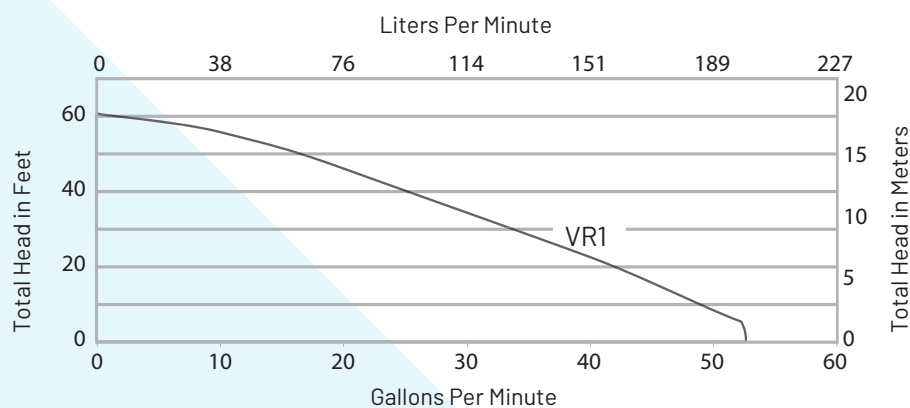
DIMENSIONS



ELECTRICAL DATA

MODEL	ENGINEERING NUMBER	HP	VOLTAGE	PHASE	HZ	FULL LOAD AMPS	START AMPS	CORD LENGTH	DISCHARGE NPT	SWITCH	WEIGHT
VRS10A-11	528580007	1	115	1	60	13	39.9	20	2"	Auto	70
VRS10M-11	528580017	1	115	1	60	13	39.9	20	2"	Manual	70
VRS10A-21	528580027	1	230	1	60	7	20.3	20	2"	Auto	70
VRS10M-21	528580037	1	230	1	60	7	20.3	20	2"	Manual	70

PUMP PERFORMANCE



WASTEWATER GRINDER PUMPS

VRS2 SERIES 2HP

The Myers VRS2 Series Wastewater Grinder Pumps feature a patented axial cutter technology that easily slices through solids and trash found in domestic wastewater without roping or clogging. The Grinder Pumps come with many standard features and are easy to install in residential settings.

APPLICATIONS

Residential wastewater.



FEATURES

- ◆ **Wide Angle Float Switch:** Piggy-back cord for easy maintenance.
- ◆ **Cable Entry System:** Cable jacket sealed by compression fitting and individual wires sealed by compression grommet for double seal protection against water ingress.
- ◆ **Oil-Filled Motor:** Maximizes heat dissipation and provides constant bearing lubrication for long life. High torque start/run capacitor for single phase motors for assured starting under heavy loads. Internal capacitors eliminate need for control panel.
- ◆ **Integrated Heat Sensor:** Protects motor from burnout due to excessive heat from any overload condition. Automatically resets when motor has cooled.
- ◆ **Shaft and Fasteners:** Stainless steel for maximum corrosion resistance and long life.
- ◆ **Shaft Seals:** Oil lubricated single carbon and ceramic faced seal provides motor protection.
- ◆ **Impeller:** Semi-open impeller handles ground slurry without clogging or binding. Pump-out vanes help keep trash from seal and reduces pressure at seal face for longer life.
- ◆ **Axial Cutter System:** Easily slice through solids and trash commonly found in domestic wastewater without roping or clogging. Constructed of 440 SST hardened to 57-60Rc for long life. Easily replaceable without dismantling pump.
- ◆ **Volute Case:** Cast iron, 1-1/4" vertical, flanged discharge.

SPECIFICATIONS

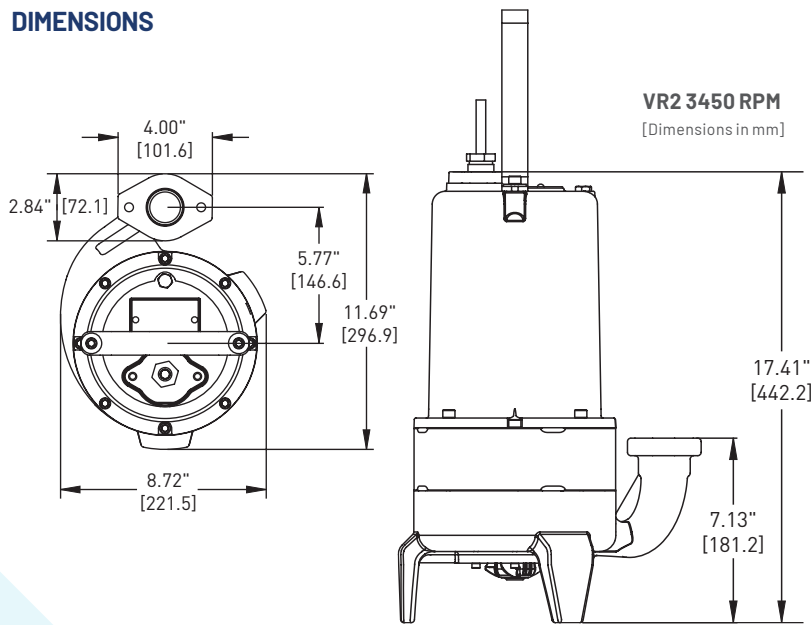
- ◆ **Capacities:** 58.5 GPM (221.4 LPM)
- ◆ **Heads To:** 169 ft. (51.5 m)
- ◆ **Intermittent Liquid Temp:** Up to 140°F (60°C)
- ◆ **Winding Insulation Temp. (Class F):** 311°F (155°C)
- ◆ **Motor Electrical Data:** 3450 RPM, 60 Hz, 1 PH, 230V
- ◆ **Discharge (Flange Dia.):** 21-1/4 in. (31.75 mm)
- ◆ **Min. Sump Diameter:** Simplex = 24 in. (61.0 mm); Duplex = 36 in. (91.4 cm)
- ◆ **Motor Housing, Seal Housing, Cord Cap and Volute Case:** Cast iron, Class 30, ASTM A48
- ◆ **Semi-Open Impeller:** Stainless steel
- ◆ **Mechanical Seals:** Standard = Carbon and ceramic
- ◆ **Pump, Motor Shaft:** 416 SST
- ◆ **Fasteners:** 300 Series SST
- ◆ **Cutting Mechanism:** 440 SST 58-60 Rockwell

2 HP AUTOMATIC GRINDER PUMPS VR2 SERIES

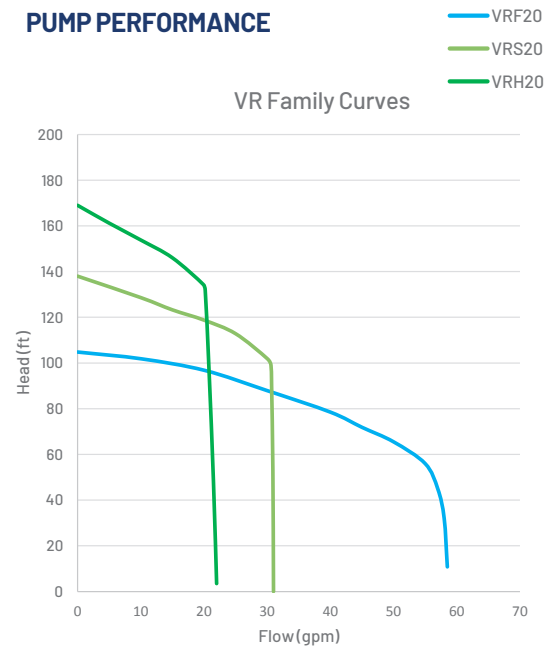
ELECTRICAL DATA

MODEL	ENGINEERING NUMBER	HP	VOLTAGE	PHASE	HZ	FULL LOAD AMPS	START AMPS	CORD LENGTH	DISCHARGE NPT	SWITCH	WEIGHT
VRS20A-21	28200D000	2	230	1	60	15	60.7	20	1-1/4"	Auto	95
VRS20M-21	28200D010	2	230	1	60	15	60.7	20	1-1/4"	Manual	95
VRH20A-21	28200D100	2	230	1	60	15	60.7	20	1-1/4"	Auto	95
VRH20M-21	28200D110	2	230	1	60	15	60.7	20	1-1/4"	Manual	95
VRF20A-21	28200D200	2	230	1	60	15	60.7	20	1-1/4"	Auto	95
VRF20M-21	28200D210	2	230	1	60	15	60.7	20	1-1/4"	Manual	95

DIMENSIONS



PUMP PERFORMANCE



ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
VRS20A-21	28200D000	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20M-21	28200D010	2	33	138	1-1/4"	-	230	15.0	1	20'	M
VRH20A-21	28200D100	2	22	169	1-1/4"	-	230	15.0	1	20'	M
VRH20M-21	28200D110	2	22	169	1-1/4"	-	230	15.0	1	20'	M
VRF20A-21	28200D200	2	59	105	1-1/4"	-	230	15.0	1	20'	M
VRF20M-21	28200D210	2	59	105	1-1/4"	-	230	15.0	1	20'	M
VRS20-R5S	25283D504	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20-R6S	25283D505	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20-R7S	25283D506	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20-R8S	25283D507	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20A-21 RETRO FIT KIT	28164P146	2	33	138	1-1/4"	-	230	15.0	1	20'	PT
VRS20A-21 RETRO FIT KIT	28164P147	2	33	138	1-1/4"	-	230	15.0	1	20'	PT

24" X 24" SEWAGE GRINDER BASIN PACKAGES

SB24VRS10

The Myers 24" x 24" Sewage Basin is designed to be installed in a basement floor to collect sewage or effluent water from toilet, washer, dishwasher or a sink so that it can be pumped away with a sump pump or sewage pump.

FEATURES

- ◆ **Pre-Assembled From Factory:** For quick and easy installation.
- ◆ **Cast Iron Sewage and Grinder Pumps:** For high performance.
- ◆ **Robust Polyethylene Structure:** For superior durability.
- ◆ **Specially Designed Bottom Grooves:** For easy leveling in rough soil.
- ◆ **Molded Torque Stops:** Keep pump in place.
- ◆ **38.5 Gallon Capacity:** For longer pump cycles prolonging the pump life.
- ◆ **5 Additional Flats:** For adding or changing inlet pipe location.

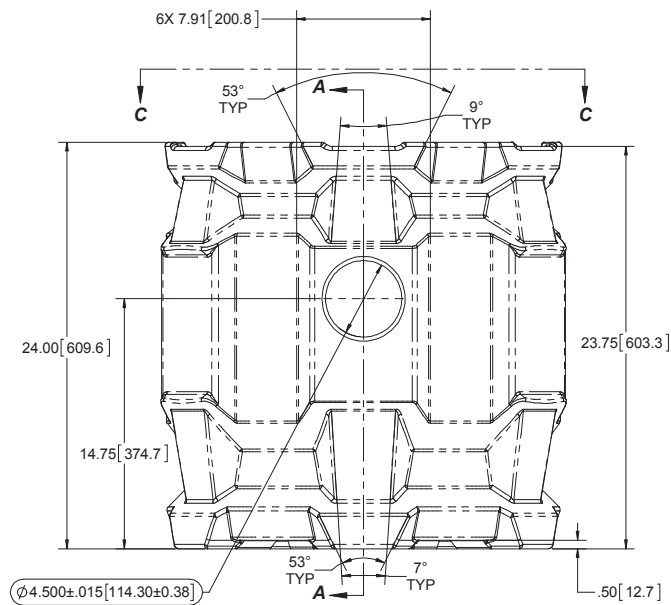
SPECIFICATIONS

- ◆ **Motor HP:** 1 HP
- ◆ **Maximum Pump Capacity:** 52 GPM (185 LPM)
- ◆ **Maximum Shut-Off Head:** 60' (18.6 m)
- ◆ **Discharge:** 2"
- ◆ **Volts:** 115, 230
- ◆ **Full Load Amps:** 13.0 (115V), 7.0 (230V)
- ◆ **Phase:** Single
- ◆ **Cord Length:** 20' (6.1 m)
- ◆ **Switch Options:** PRE-T
- ◆ **Pump Impeller Material:** Thermoplastic
- ◆ **Pump Housing Material:** Cast iron
- ◆ **Pump Volute Material:** Cast iron
- ◆ **Basin Material:** Polyethylene
- ◆ **Basin Dimensions (W x H):** 24" x 24" (609 mm x 609 mm)
- ◆ **Basin Capacity:** 38.5 Gallons (145.7 Liters)
- ◆ **Lid Material:** Polyethylene
- ◆ **Warranty Years:** 3 years with start-up report

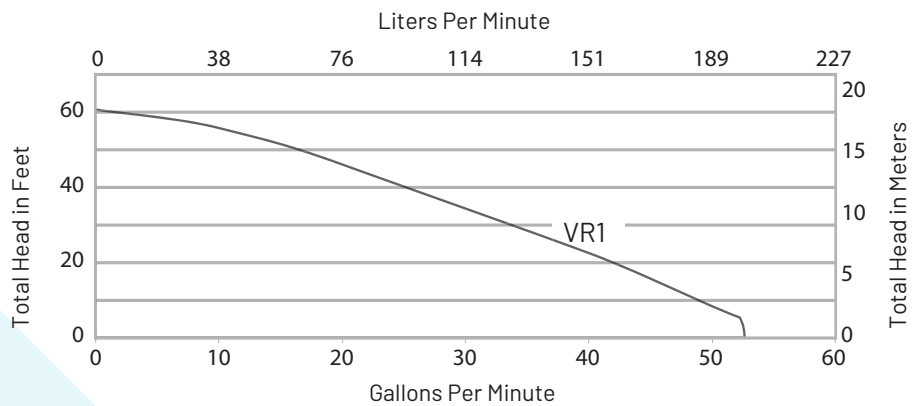


24" X 24" SEWAGE BASIN PACKAGES SB24VRS10

DIMENSIONAL DATA - PACKAGE



PUMP PERFORMANCE



ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
SB24VRS10	-	1	52	60	2"	-	115	13.0	1	20'	PRE-T
SB24VRS1021	-	1	52	60	2"	-	230	7.0	1	20'	PRE-T

VR-SERIES RETROFIT SYSTEM

FOR USE WITH E-ONE GRINDER PACKAGES



The Myers VR-Series Retrofit Systems are designed with the installer and end user in mind as it is completely assembled and easily installs into an existing progressing cavity grinder system. The package system features the highly reliable grinder pump with mercury-free float controls, and no additional plumbing is required. The Myers patented axial cutter design and semi-open impeller effectively macerate challenging sewage solids into a fine slurry.

APPLICATIONS

Residential sewage grinding, effluent, and wastewater removal.

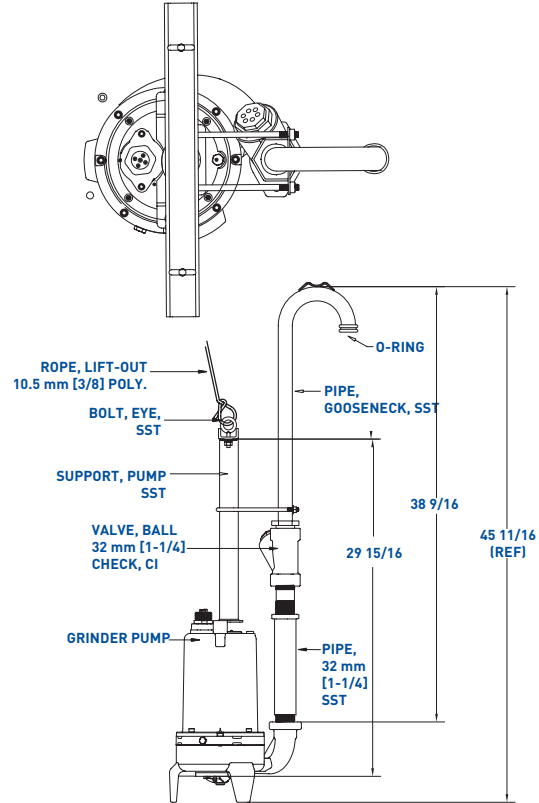
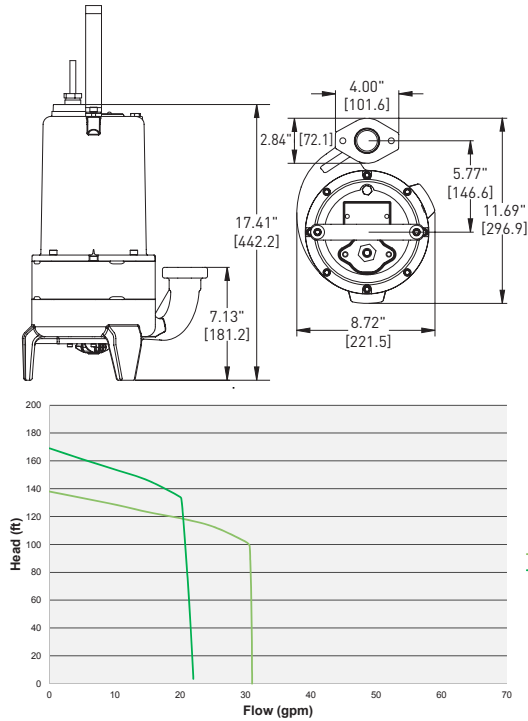
FEATURES

- ◆ **SST Hanger:** Simplified design eliminates need to enter wet well or tighten bolts to secure grinder pump inside the basin. Simply set in place and you're done.
- ◆ **Check Valve/Anti-Siphon Valve:** Heavy-duty, cast iron check valve with stainless steel anti-siphon valve.
- ◆ **Pump:** VR2 series, with patented axial cutter to easily slice through solids and trash without roping or clogging.
- ◆ **Fully Assembled:** Ready to drop in place.
- ◆ **Patented Axial Cutter:** Slices through debris without clogging or roping.
- ◆ **Single-Stage Centrifugal Design:** Long life and lower maintenance costs.
- ◆ **NEMA6P Control/JBox Prewired** with electrical quick disconnect to mate to existing wiring connection with choice of plug types.

- ◆ **E.Q.D. Connectors:** Option of either square or round plug style allows for hookup with any existing E-one grinder controls.
- ◆ **Jbox:** Junction/control box allows for location of controls at installer's discretion – no need to place inside wet well.
- ◆ Cast-iron check valve and SST anti-siphon valve included in discharge piping.
- ◆ Stainless steel goose neck discharge and hanger fit into existing basin.

PERFORMANCE DATA AND DIMENSIONS

VR2



TURNKEY PACKAGES

TYPE	GRINDER	JUNCTION BOX	CAT#	ENG#	PACKAGE INCLUDES
Auto std flow	VRS20-21	Square Plug	VRS20-21TRE	28164P146	Pump, Junction Box, Floats, Piping, SST Hanger, Rope
		Round Plug	VRS20-21TRES	28164P147	Pump, Junction Box, Floats, Piping, SST Hanger, Rope

See VR2 series grinder literature for complete pump specifications

The MYERS VR2 grinders feature a patented axial cutter technology that easily slices through solids and trash found in domestic wastewater without roping or clogging.

- ◆ **ROUNDED HUB AND BLADE:** Deflects large materials preventing blockage of inlet slots. Allows blades to take single small bites out of solid material.
- ◆ **BLADE GEOMETRY:** Unique blade curvature optimizes cutting angle creating a scissor like cutting action that minimizes torque required to cut.
- ◆ **UNDERCUTS:** Removes stringy or uncut material preventing clogging during start-up.
- ◆ **440 STAINLESS STEEL MATERIAL:** 57-60 Rockwell C hardness ensures years of maintenance-free operation under normal operating conditions.
- ◆ **INLET SLOTS:** Sharp edges aid in scissor cutting action. Funnel geometry provides increased fluid velocity preventing buildup of solids on cutting mechanism and bottom of basin



WASTEWATER PUMPS

Pentair Myers wastewater pumps are great for commercial, industrial and municipal systems. Durable cast iron construction with a multitude of motor and impeller options combine to create the right pump for the job.



SUBMERSIBLE SEWAGE PUMP

MS3SD, MSB3SD, MS4SD, & MSB4SD SERIES

The Myers MS3SD/MSB3SD & MS4SD/MSB4SD Series Submersible Sewage Pumps are suited for wet-well installation in a wide variety of municipal, industrial and building applications. The corrosion-resistant system permits the pump(s) to be lowered into position without entering the wet well. An exclusive self-sealing flange eliminates the need to bolt the pump to the piping. When the pump is activated, a neoprene diaphragm forms an effective seal between the discharge flange and the base elbow flange. A Myers Control Panel can ensure proper start components and equal pump alternation.



APPLICATIONS

Municipal sewage lift stations, industrial sewage transfer, and dewatering of storm water.

SPECIFICATIONS

- ◆ **Capacities To:** 385 GPM (1457 L/Min)
- ◆ **Heads To:** 46 ft. (14 m)
- ◆ **Solids Handling:** U2-1/2 in. (63.5 mm)
- ◆ **Liquids Handling:** Sewage transfer, drain water, effluent
- ◆ **Intermittent Liquid Temp:** up to 140°F (60°C)
- ◆ **Winding Insulation Temp. (Class F):** 311°F (591°C)
- ◆ **Available Motors:** 1150/1750 RPM - 1, 2 & 3 HP 208, 230, 460 & 575 volts 1 & 3 phase, 60 Hz
- ◆ **Discharge, Horizontal:** 3 in.
- ◆ **Motor Housing, Seal Housing, Cord Cap and Volute Case:** Cast iron ASTM; A-48 Class 30
- ◆ **Impeller:** Ductile iron, ASTM A536
- ◆ **Power and Control Cord:** S00W, W
- ◆ **Mechanical Seals:** Standard = carbon/ceramic/nitrile, Type 21
- ◆ **Pump, Motor Shaft:** 400 SST

FEATURES

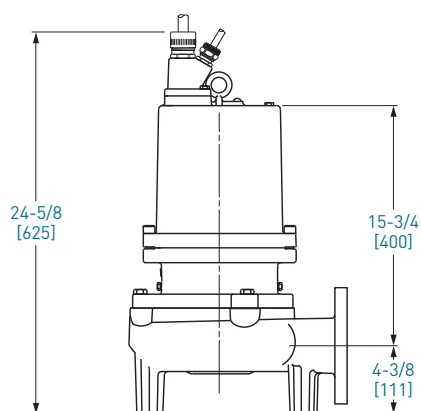
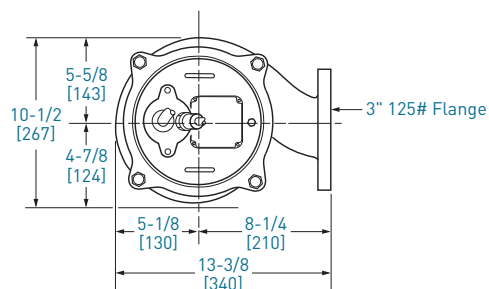
- ◆ **Motor:** Fully enclosed, oil-filled motor efficiently dissipates heat and locks out moisture. Single-phase motors are capacitor start via control panel.
- ◆ **CPE Jacketed Power Cord:** Sealed by both the cord grip and the epoxy barrier.
- ◆ **Stainless Steel Shaft:** Eliminates corrosion and fatigue to enable longer pump life. The minimum shaft overhang decreases deflection and increases bearing and seal life.
- ◆ **Ball Bearings:** The heavy duty ball bearings, upper (radial) and lower (thrust), are submerged in oil to provide permanent lubrication and support long service life.
- ◆ **Mechanical Seal:** Constructed with a ceramic stationary face and a carbon rotating face for long service life.
- ◆ **Impeller:** Two-vane, semi-open design for efficient operation without clogging. The impeller has pump-out vanes to prevent material buildup around shaft and seal.
- ◆ **Horizontal Discharge:** Model MS3SD handles 2-1/2 inch spherical solids and has a flanged 3 inch horizontal discharge.
- ◆ **Vertical Discharge:** Model MSB3SD handles 2-1/2 inch spherical solids and has a flanged 3 inch vertical discharge.
- ◆ **Sensor Probe:** A seal-failure sensor probe (for connection to a seal failure alarm) is standard on three-phase units and available as an option on single-phase models.
- ◆ **Field Serviceable:** Pumps have 300 Series Stainless Steel fasteners for easy tear down.

SUBMERSIBLE SEWAGE PUMP MS3SD, MSB3SD, MS4SD, & MSB4SD SERIES

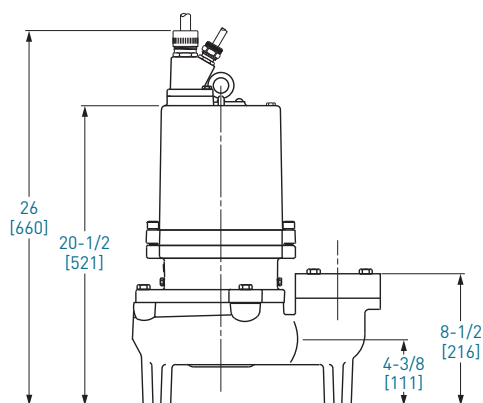
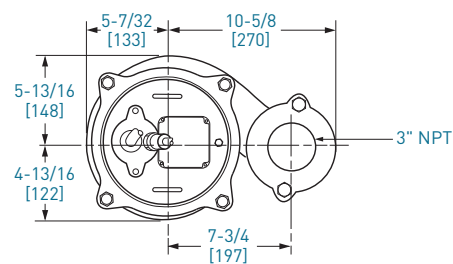
DIMENSIONAL DATA

(Dimensions in mm)

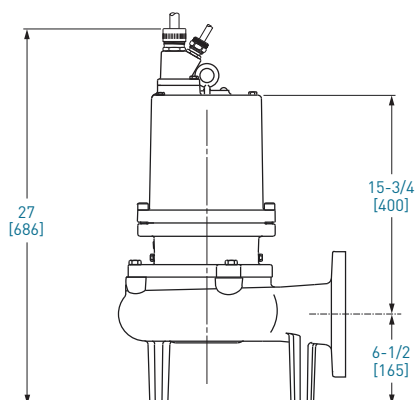
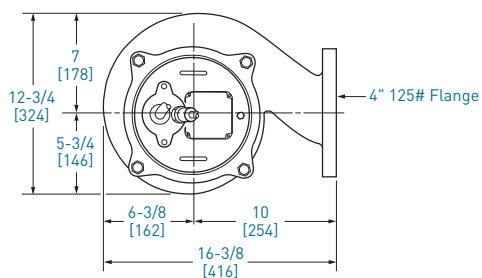
MS3SD



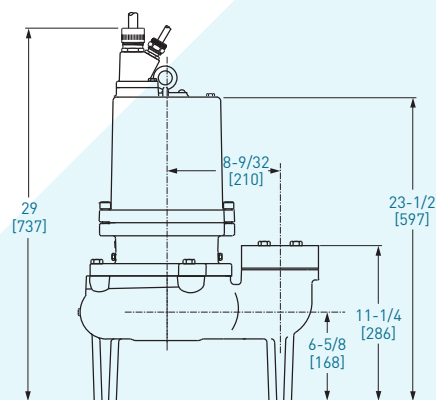
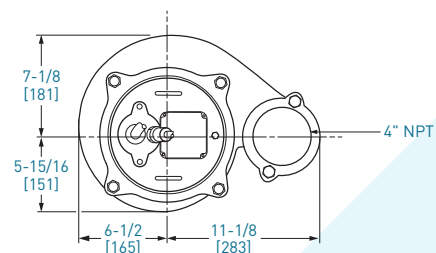
MSB3SD



MS4SD

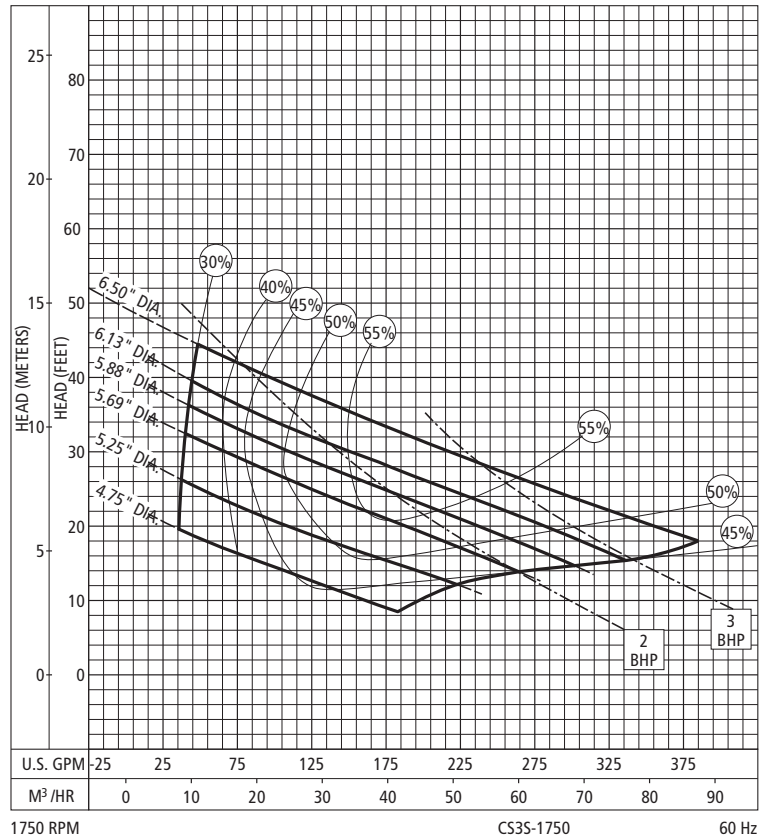


MSB4SD



PUMP PERFORMANCE - MS3SD/MSB3SD

1750 RPM



AVAILABLE MODELS	MOTOR ELECTRICAL DATA										
STANDARD	HP	VOLTS	PHASE	HERTZ	FULL LOAD AMPS	FULL LOAD KW	LOCKED ROTOR AMPS	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
MS(B)3SD200M2-4	2	230	1	60	12.8	2.6	66	15.2	2.9	J	1.2
MS(B)3SD200M6-4	2	208	3	60	7.8	2.2	49	17.6	2.4	K	1.2
MS(B)3SD200M3-4	2	230	3	60	6.8	2.2	44	17.5	2.3	K	1.2
MS(B)3SD200M4-4	2	460	3	60	3.4	2.2	22	17.5	2.3	K	1.2
MS(B)3SD200M5-4	2	575	3	60	2.7	2.2	18	17.9	2.3	K	1.2
MS(B)3SD300M2-4	3	230	1	60	17.1	3.5	100	23	3.9	J	1.2
MS(B)3SD300M6-4	3	208	3	60	10.9	3.5	49	17.6	3.8	G	1.2
MS(B)3SD300M3-4	3	230	3	60	9.5	3.7	44	17.5	3.8	G	1.2
MS(B)3SD300M4-4	3	460	3	60	4.8	3.7	22	17.5	3.8	G	1.2
MS(B)3SD300M5-4	3	575	3	60	3.8	3.6	18	17.9	3.8	G	1.2

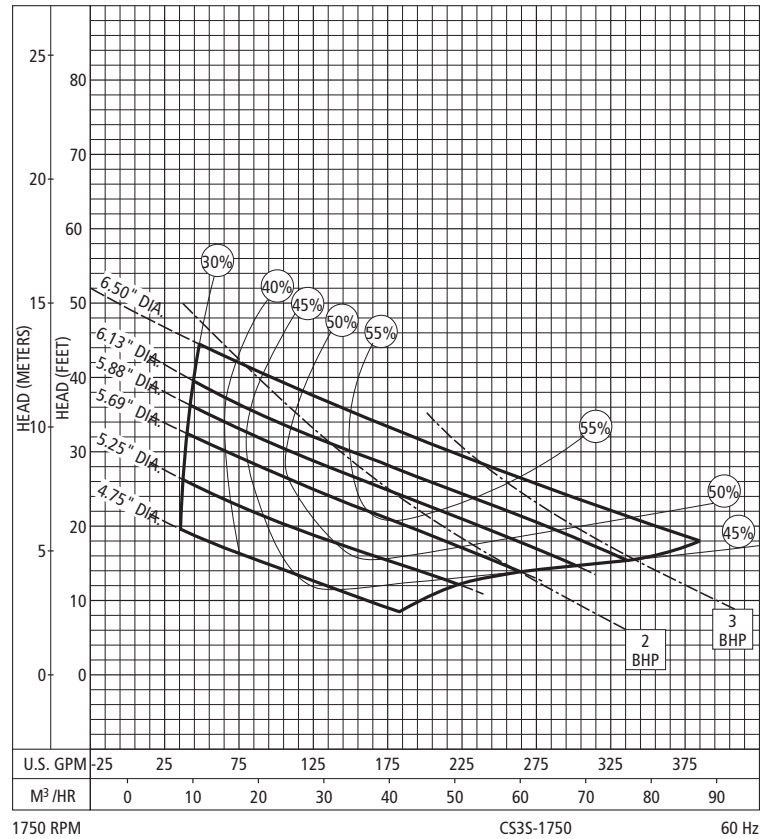
MOTOR EFFICIENCIES AND POWER FACTOR

MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
2	1	73	76	75	71	88	89	85	77
2	3	72	69	65	56	83	76	69	59
3	1	73	73	69	62	88	85	79	70
3	3	72	72	70	64	88	88	85	79

SUBMERSIBLE SEWAGE PUMP MS3SD, MSB3SD, MS4SD, & MSB4SD SERIES

PUMP PERFORMANCE - MS3SD/MSB3SD

1150 RPM



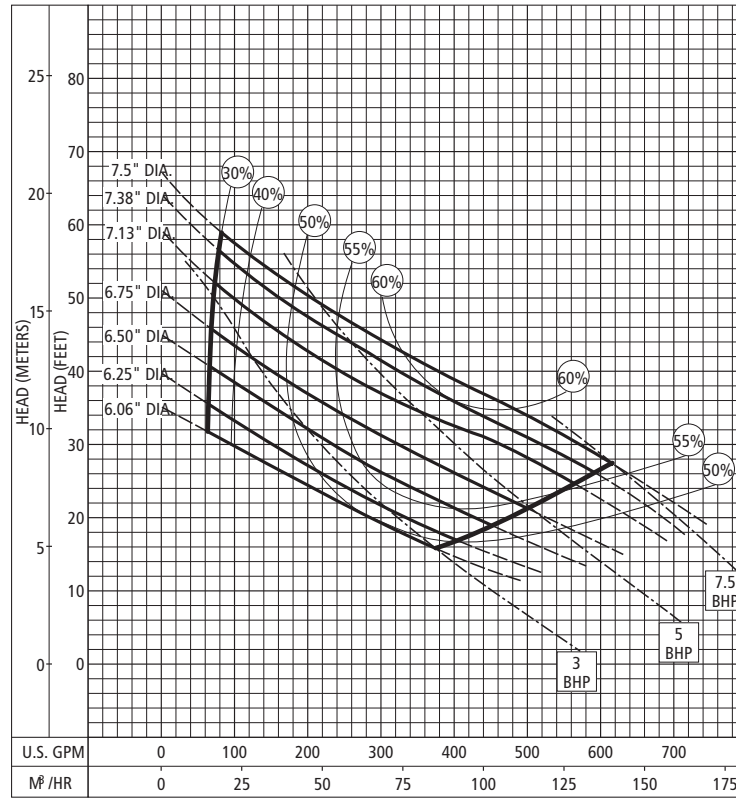
AVAILABLE MODELS		MOTOR ELECTRICAL DATA									
STANDARD	HP	VOLTS	PHASE	HERTZ	FULL LOAD AMPS	FULL LOAD KW	LOCKED ROTOR AMPS	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
MS(B)3SD100M7-6	1	208	1	60	9.4	1	54	11.2	1.9	N	1.2
MS(B)3SD100M2-6	1	230	1	60	8.2	1.3	42	9.7	1.9	L	1.2
MS(B)3SD100M6-6	1	208	3	60	4.3	1.1	27	9.7	1.5	L	1.2
MS(B)3SD100M3-6	1	230	3	60	3.8	1.1	23	9.2	1.5	L	1.2
MS(B)3SD100M4-6	1	460	3	60	1.9	1.1	11	8.8	1.5	K	1.2
MS(B)3SD100M5-6	1	575	3	60	1.5	1.1	7	7	1.5	H	1.2

MOTOR EFFICIENCIES AND POWER FACTOR

MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
1	1	59	57	52	43	75	70	65	54
1	3	71	70	68	61	74	71	64	54

PUMP PERFORMANCE - MS4SD/MSB4SD

1750 RPM



AVAILABLE MODELS		MOTOR ELECTRICAL DATA									
STANDARD	HP	VOLTS	PHASE	HERTZ	FULL LOAD AMPS	FULL LOAD KW	LOCKED ROTOR AMPS	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
MS(B)4SD300M2-4	3	230	1	60	17.1	3.5	100	23.0	3.9	J	1.2
MS(B)4SD300M6-4	3	208	3	60	10.9	3.5	49	17.6	3.8	G	1.2
MS(B)4SD300M3-4	3	230	3	60	9.5	3.7	44	17.5	3.8	G	1.2
MS(B)4SD300M4-4	3	460	3	60	4.8	3.7	22	17.5	3.8	G	1.2
MS(B)4SD300M5-4	3	575	3	60	3.8	3.6	18	17.9	3.8	G	1.2
MS(B)4SD500M2-4	5	230	1	60	29.5	5.4	108	24.8	6.8	E	1.2
MS(B)4SD500M6-4	5	208	3	60	17.6	5.5	106	38.1	6.3	J	1.2
MS(B)4SD500M3-4	5	230	3	60	15.3	5.4	96	38.2	6.1	J	1.2
MS(B)4SD500M4-4	5	460	3	60	7.6	5.4	48	38.2	6.0	J	1.2
MS(B)4SD500M5-4	5	575	3	60	6.1	5.4	39	38.8	6.1	J	1.2
MS(B)4SD750M6-4	7-1/2	208	3	60	29.0	10.1	135	48.6	10.4	H	1.2
MS(B)4SD750M3-4	7-1/2	230	3	60	25.2	8.3	122	48.5	10.0	H	1.2
MS(B)4SD750M4-4	7-1/2	460	3	60	12.6	8.3	61	48.5	10.0	H	1.2
MS(B)4SD750M5-4	7-1/2	575	3	60	10.1	6.9	49	48.7	10.0	H	1.2

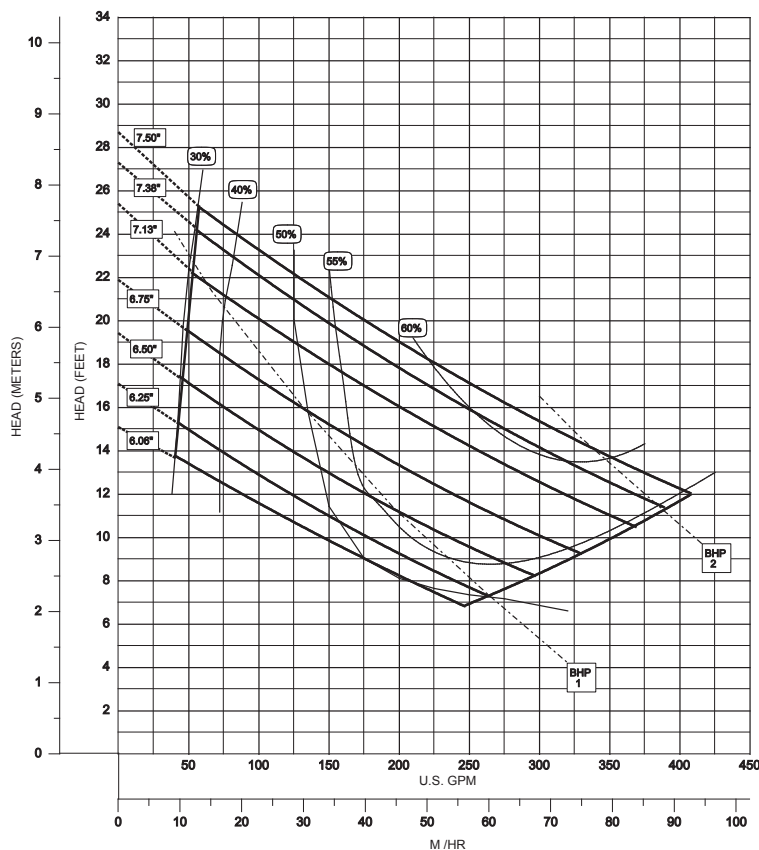
MOTOR EFFICIENCIES AND POWER FACTOR

MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
3	1	73	73	69	62	88	85	79	70
3	3	72	72	70	64	88	88	85	79
5	1	69	69	67	59	88	86	82	72
5	3	76	75	73	68	81	76	68	58
7.5	3	76	76	74	69	80	75	67	54

SUBMERSIBLE SEWAGE PUMP MS3SD, MSB3SD, MS4SD, & MSB4SD SERIES

PUMP PERFORMANCE - MS4SD/MSB4SD

1150 RPM



AVAILABLE MODELS	MOTOR ELECTRICAL DATA										
STANDARD	HP	VOLTS	PHASE	HERTZ	FULL LOAD AMPS	FULL LOAD KW	LOCKED ROTOR AMPS	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
MS(B)4SD200M7-6	2	208	1	60	18.6	2.6	82	17.1	3.9	K	1.2
MS(B)4SD200M2-6	2	230	1	60	17	2.6	71	16.3	3.9	K	1.2
MS(B)4SD200M6-6	2	208	3	60	8.4	2.4	43	15.5	2.9	J	1.2
MS(B)4SD200M3-6	2	230	3	60	7.3	2.2	42	16.7	2.9	K	1.2
MS(B)4SD200M4-6	2	460	3	60	3.6	2.2	21	16.7	2.9	K	1.2
MS(B)4SD200M5-6	2	575	3	60	2.9	2.2	17	16.9	2.9	K	1.2

MOTOR EFFICIENCIES AND POWER FACTOR

MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
2	1	60	59	55	47	73	68	60	50
2	3	74	74	73	67	73	70	62	52

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MS3S200M2-4	28221E001	2	265	40	3"	2-1/2"	230	12.8	1	35'	M
MS3S200M6-4	28221E002	2	265	40	3"	2-1/2"	200	7.8	3	35'	M
MS3S200M3-4	28221E003	2	265	40	3"	2-1/2"	230	6.8	3	35'	M
MS3S200M4-4	28221E004	2	265	40	3"	2-1/2"	460	3.4	3	35'	M
MS3S200M5-4	28221E005	2	265	40	3"	2-1/2"	575	2.7	3	35'	M
MS3S300M2-4	28221E011	3	335	40	3"	2-1/2"	230	17.1	1	35'	M
MS3S300M6-4	28221E012	3	335	40	3"	2-1/2"	200	10.9	3	35'	M
MS3S300M3-4	28221E013	3	335	40	3"	2-1/2"	230	9.5	3	35'	M
MS3S300M4-4	28221E014	3	335	40	3"	2-1/2"	460	4.8	3	35'	M
MS3S300M5-4	28221E015	3	335	40	3"	2-1/2"	575	3.8	3	35'	M
MSB3S200M2-4	28222E001	2	265	40	3"	2-1/2"	230	12.8	1	35'	M
MSB3S200M6-4	28222E002	2	265	40	3"	2-1/2"	200	7.8	3	35'	M
MSB3S200M3-4	28222E003	2	265	40	3"	2-1/2"	230	6.8	3	35'	M
MSB3S200M4-4	28222E004	2	265	40	3"	2-1/2"	460	3.4	3	35'	M
MSB3S200M5-4	28222E005	2	265	40	3"	2-1/2"	575	2.7	3	35'	M
MSB3S300M2-4	28222E011	3	335	40	3"	2-1/2"	230	17.1	1	35'	M
MSB3S300M6-4	28222E012	3	335	40	3"	2-1/2"	200	10.9	3	35'	M
MSB3S300M3-4	28222E013	3	335	40	3"	2-1/2"	230	9.5	3	35'	M
MSB3S300M4-4	28222E014	3	335	40	3"	2-1/2"	460	4.8	3	35'	M
MSB3S300M5-4	28222E015	3	335	40	3"	2-1/2"	575	3.8	3	35'	M
MS3SD100M7-6	28223E000	1	240	19	3"	2-1/2"	200	9.4	1	35'	M
MS3SD100M2-6	28223E001	1	240	19	3"	2-1/2"	230	8.2	1	35'	M
MS3SD100M6-6	28223E002	1	240	19	3"	2-1/2"	200	4.3	3	35'	M
MS3SD100M3-6	28223E003	1	240	19	3"	2-1/2"	230	3.8	3	35'	M
MS3SD100M4-6	28223E004	1	240	19	3"	2-1/2"	460	1.9	3	35'	M
MS3SD100M5-6	28223E005	1	240	19	3"	2-1/2"	575	1.5	3	35'	M
MS3SD200M2-4	28221E101	2	265	44	3"	2-1/2"	230	12.8	1	35'	M
MS3SD200M6-4	28221E102	2	265	44	3"	2-1/2"	200	7.8	3	35'	M
MS3SD200M3-4	28221E103	2	265	44	3"	2-1/2"	230	6.8	3	35'	M
MS3SD200M4-4	28221E104	2	265	44	3"	2-1/2"	460	3.4	3	35'	M
MS3SD200M5-4	28221E105	2	265	44	3"	2-1/2"	575	2.7	3	35'	M
MS3SD300M2-4	28221E111	3	385	44	3"	2-1/2"	230	17.1	1	35'	M
MS3SD300M6-4	28221E112	3	385	44	3"	2-1/2"	200	10.9	3	35'	M
MS3SD300M3-4	28221E113	3	385	44	3"	2-1/2"	230	9.5	3	35'	M
MS3SD300M4-4	28221E114	3	385	44	3"	2-1/2"	460	4.8	3	35'	M
MS3SD300M5-4	28221E115	3	385	44	3"	2-1/2"	575	3.8	3	35'	M
MSB3SD100M7-6	28223E100	1	240	19	3"	2-1/2"	200	9.4	1	35'	M
MSB3SD100M2-6	28223E101	1	240	19	3"	2-1/2"	230	8.2	1	35'	M
MSB3SD100M6-6	28223E102	1	240	19	3"	2-1/2"	200	4.3	3	35'	M
MSB3SD100M3-6	28223E103	1	240	19	3"	2-1/2"	230	3.8	3	35'	M
MSB3SD100M4-6	28223E104	1	240	19	3"	2-1/2"	460	1.9	3	35'	M
MSB3SD200M2-4	28222E101	2	265	44	3"	2-1/2"	230	12.8	1	35'	M
MSB3SD200M6-4	28222E102	2	265	44	3"	2-1/2"	200	7.8	3	35'	M
MSB3SD200M3-4	28222E103	2	265	44	3"	2-1/2"	230	6.8	3	35'	M
MSB3SD200M4-4	28222E104	2	265	44	3"	2-1/2"	460	3.4	3	35'	M
MSB3SD200M5-4	28222E105	2	265	44	3"	2-1/2"	575	2.7	3	35'	M
MSB3SD300M2-4	28222E111	3	385	44	3"	2-1/2"	230	17.1	1	35'	M
MSB3SD300M6-4	28222E112	3	385	44	3"	2-1/2"	200	10.9	3	35'	M
MSB3SD300M3-4	28222E113	3	385	44	3"	2-1/2"	230	9.5	3	35'	M
MSB3SD300M4-4	28222E114	3	385	44	3"	2-1/2"	460	4.8	3	35'	M
MSB3SD300M5-4	28222E115	3	385	44	3"	2-1/2"	575	3.8	3	35'	M

SUBMERSIBLE SEWAGE PUMP

MS4S AND MSB4S MODELS

The Myers MS4S/MSB4S Model Pumps are suited for wet-well installation in a wide variety of municipal, industrial and building trades applications. The pumps are designed to transfer raw sewage with solids as large as 3 inches through pipes up to 4 inches in diameter. Sewage pumps are necessary to move sewage from a building to the sewer system, and in many cases, from the sewer system to a treatment plant. In the case of larger commercial installations, collection systems are designed to accumulate and transfer the wastewater efficiently.

APPLICATIONS

Municipal sewage lift stations, industrial sewage transfer, and dewatering of storm water.



Tested & Certified
to CSA 108.

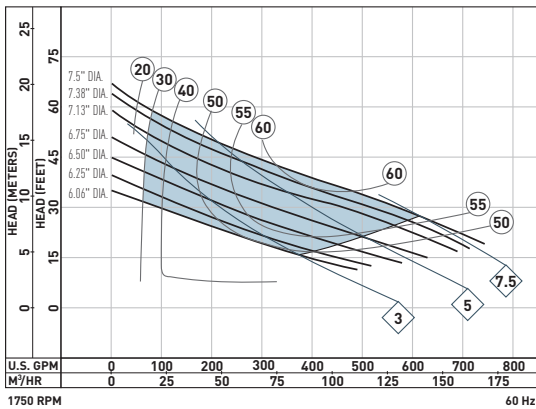
FEATURES

- ◆ **Motor:** The fully enclosed oil-filled motor efficiently dissipates heat and locks out moisture so you receive reliable pumping service.
- ◆ **CPE Jacketed Power Cord:** Sealed by both the cord grip and the epoxy barrier.
- ◆ **Stainless Steel Shaft:** Eliminates corrosion and fatigue to enable longer pump life. The minimum shaft overhang decreases deflection and increases bearing and seal life.
- ◆ **Ball Bearings:** The heavy duty ball bearings, upper (radial) and lower (thrust), are submerged in oil to provide permanent lubrication and ensure long service life.
- ◆ **Mechanical Seal:** Constructed with a ceramic stationary face and a carbon rotating face for long service life.
- ◆ **Impeller:** Two-vane, semi-open design for efficient operation without clogging. The impeller has pump-out vanes to prevent material buildup around shaft and seal.
- ◆ **Horizontal Discharge:** Model MS4S handles 3 inch spherical solids and has a flanged 4 inch horizontal discharge.
- ◆ **Vertical Discharge:** Model MSB4S handles 3 inch spherical solids and has a flanged 4 inch vertical discharge.
- ◆ **Oil-Filled Motor For Cooler Operation:** Longer life and less maintenance. The dielectric oil effectively dissipates heat and lubricates upper and lower ball bearings.
- ◆ **Field Serviceable:** Pumps have 300 Series Stainless Steel fasteners for easy teardown.
- ◆ Single-phase motors are capacitor start, capacitor run with capacitors located in control panel. Contact distributor for proper Pentair Myers® Control Panel sizing.

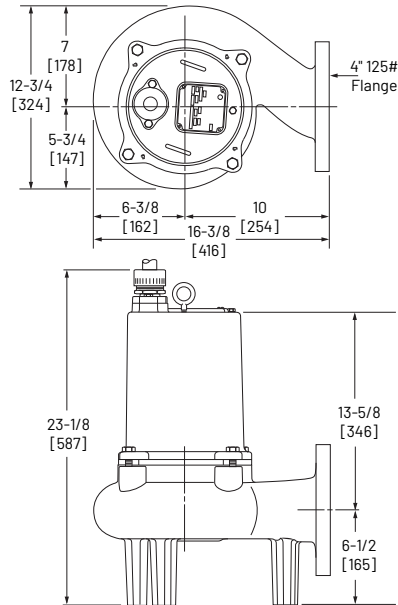
SPECIFICATIONS

- ◆ **Capacities To:** 620 GPM (2347 LPM)
- ◆ **Heads To:** 59 ft. (17.9 m)
- ◆ **Solids Handling:** 3 in. (76 mm)
- ◆ **Liquids Handling:** Sewage transfer, drain water, and effluent
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Winding Insulation Temp. (Class F):** 311°F (591°C)
- ◆ **Available Motors:** 1750 RPM; 3, 5, 7-1/2 HP; 208, 230, 460 & 575 volts; 1 & 3 phase, 60 Hz
- ◆ **Specific Gravity:** .9 – 1.1
- ◆ **Viscosity:** 28 – 35 SSU
- ◆ **Discharge, Horizontal:** 4 in.
- ◆ **Motor Housing, Seal Housing, Cord Cap and Volute Case:** Cast Iron ASTM; A-48 Class 30
- ◆ **Impeller:** Ductile iron, ASTM A536
- ◆ **Power and Control Cord:** S00W, W
- ◆ **Mechanical Seals:** Standard = carbon/ceramic nitrile, Type 21
- ◆ **Pump, Motor Shaft:** 400 SST
- ◆ **Fasteners:** 300 Series SST

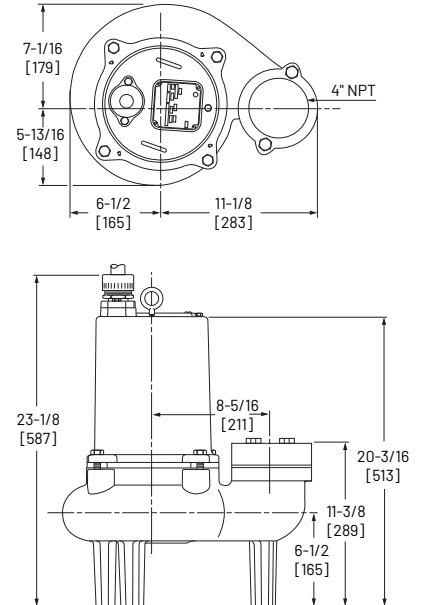
PERFORMANCE DATA
AND DIMENSIONS



MS4S



MSB4S



AVAILABLE MODELS		MOTOR ELECTRICAL DATA									
STANDARD	HP	VOLTS	PHASE	HERTZ	FULL LOAD AMPS	FULL LOAD KW	LOCKED ROTOR AMPS	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
MS(B)4S300M2-4	3	230	1	60	17.1	3.5	100	23.0	3.9	J	1.2
MS(B)4S300M6-4	3	208	3	60	10.9	3.5	49	17.6	3.8	G	1.2
MS(B)4S300M3-4	3	230	3	60	9.5	3.7	44	17.5	3.8	G	1.2
MS(B)4S300M4-4	3	460	3	60	4.8	3.7	22	17.5	3.8	G	1.2
MS(B)4S300M5-4	3	575	3	60	3.8	3.6	18	17.9	3.8	G	1.2
MS(B)4S500M2-4	5	230	1	60	29.5	5.4	108	24.8	6.8	E	1.2
MS(B)4S500M6-4	5	208	3	60	17.6	5.5	106	38.1	6.3	J	1.2
MS(B)4S500M3-4	5	230	3	60	15.3	5.4	96	38.2	6.1	J	1.2
MS(B)4S500M4-4	5	460	3	60	7.6	5.4	48	38.2	6.0	J	1.2
MS(B)4S500M5-4	5	575	3	60	6.1	5.4	39	38.8	6.1	J	1.2
MS(B)4S750M6-4	7-1/2	208	3	60	29.0	10.1	135	48.6	10.4	H	1.2
MS(B)4S750M3-4	7-1/2	230	3	60	25.2	8.3	122	48.5	10.0	H	1.2
MS(B)4S750M4-4	7-1/2	460	3	60	12.6	8.3	61	48.5	10.0	H	1.2
MS(B)4S750M5-4	7-1/2	575	3	60	10.1	6.9	49	48.7	10.0	H	1.2

MOTOR EFFICIENCIES AND POWER FACTOR									
MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
3	1	73	73	69	62	88	85	79	70
3	3	72	72	70	64	88	88	85	79
5	1	69	69	67	59	88	86	82	72
5	3	76	75	73	68	81	76	68	58
7.5	3	76	76	74	69	80	75	67	54

SUBMERSIBLE SEWAGE PUMP MS4S/MSB4S MODELS

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MS4S300M2-4	28224E001	3	375	50	4"	3-1/2"	230	17.1	1	35'	M
MS4S300M6-4	28224E002	3	375	50	4"	3-1/2"	200	10.9	3	35'	M
MS4S300M3-4	28224E003	3	375	50	4"	3-1/2"	230	9.5	3	35'	M
MS4S300M4-4	28224E004	3	375	50	4"	3-1/2"	460	4.8	3	35'	M
MS4S300M5-4	28224E005	3	375	50	4"	3-1/2"	575	3.8	3	35'	M
MS4S500M2-4	28224E011	5	500	55	4"	3-1/2"	230	29.5	1	35'	M
MS4S500M6-4	28224E012	5	500	55	4"	3-1/2"	200	17.6	3	35'	M
MS4S500M3-4	28224E013	5	500	55	4"	3-1/2"	230	15.3	3	35'	M
MS4S500M4-4	28224E014	5	500	55	4"	3-1/2"	460	7.6	3	35'	M
MS4S500M5-4	28224E015	5	500	55	4"	3-1/2"	575	6.1	3	35'	M
MSB4S750M6-4	28224E022	7-1/2	590	55	4"	3-1/2"	200	29.0	3	35'	M
MSB4S750M3-4	28224E023	7-1/2	590	55	4"	3-1/2"	230	25.2	3	35'	M
MSB4S750M4-4	28224E024	7-1/2	590	55	4"	3-1/2"	460	12.6	3	35'	M
MSB4S750M5-4	28224E025	7-1/2	590	55	4"	3-1/2"	575	10.1	3	35'	M
MSB4S300M2-4	28225E001	3	375	50	4"	3-1/2"	230	17.1	1	35'	M
MSB4S300M6-4	28225E002	3	375	50	4"	3-1/2"	200	10.9	3	35'	M
MSB4S300M3-4	28225E003	3	375	50	4"	3-1/2"	230	9.5	3	35'	M
MSB4S300M4-4	28225E004	3	375	50	4"	3-1/2"	460	4.8	3	35'	M
MSB4S300M5-4	28225E005	3	375	50	4"	3-1/2"	575	3.8	3	35'	M
MSB4S500M2-4	28225E011	5	500	55	4"	3-1/2"	230	29.5	1	35'	M
MSB4S500M6-4	28225E012	5	500	55	4"	3-1/2"	200	17.6	3	35'	M
MSB4S500M3-4	28225E013	5	500	55	4"	3-1/2"	230	15.3	3	35'	M
MSB4S500M4-4	28225E014	5	500	55	4"	3-1/2"	460	7.6	3	35'	M
MSB4S500M5-4	28225E015	5	500	55	4"	3-1/2"	575	6.1	3	35'	M
MSB4S750M6-4	28225E022	7-1/2	590	55	4"	3-1/2"	200	29.0	3	35'	M
MSB4S750M3-4	28225E023	7-1/2	590	55	4"	3-1/2"	230	25.2	3	35'	M
MSB4S750M4-4	28225E024	7-1/2	590	55	4"	3-1/2"	460	12.6	3	35'	M
MSB4S750M5-4	28225E025	7-1/2	590	55	4"	3-1/2"	575	10.1	3	35'	M
MS4SD200M7-6	28226E000	2	370	25	4"	3-1/2"	200	18.6	1	35'	M
MS4SD200M2-6	28226E001	2	370	25	4"	3-1/2"	230	12.8	1	35'	M
MS4SD200M6-6	28226E002	2	370	25	4"	3-1/2"	200	7.8	3	35'	M
MS4SD200M3-6	28226E003	2	370	25	4"	3-1/2"	230	6.8	3	35'	M
MS4SD200M4-6	28226E004	2	370	25	4"	3-1/2"	460	3.4	3	35'	M
MS4SD200M5-6	28226E005	2	370	25	4"	3-1/2"	575	2.7	3	35'	M
MS4SD300M2-4	28224E101	3	380	48	4"	3-1/2"	230	17.1	1	35'	M
MS4SD300M6-4	28224E102	3	380	48	4"	3-1/2"	200	10.9	3	35'	M
MS4SD300M4-4	28224E104	3	380	48	4"	3-1/2"	460	4.8	3	35'	M
MS4SD300M5-4	28224E105	3	380	48	4"	3-1/2"	575	3.8	3	35'	M
MS4SD500M2-4	28224E111	5	500	58	4"	3-1/2"	230	29.5	1	35'	M
MS4SD500M6-4	28224E112	5	500	58	4"	3-1/2"	200	17.6	3	35'	M
MS4SD500M3-4	28224E113	5	500	58	4"	3-1/2"	230	15.3	3	35'	M
MS4SD500M4-4	28224E114	5	500	58	4"	3-1/2"	460	7.6	3	35'	M
MS4SD500M5-4	28224E115	5	500	58	4"	3-1/2"	575	6.1	3	35'	M
MS4SD750M6-4	28224E122	7-1/2	618	58	4"	3-1/2"	200	29.0	3	35'	M
MS4SD750M3-4	28224E123	7-1/2	618	58	4"	3-1/2"	230	25.2	3	35'	M
MS4SD750M4-4	28224E124	7-1/2	618	58	4"	3-1/2"	460	12.6	3	35'	M
MS4SD750M5-4	28224E125	7-1/2	618	58	4"	3-1/2"	575	10.1	3	35'	M
MSB4SD200M7-6	28226E100	2	370	25	4"	3-1/2"	200	18.6	1	35'	M
MSB4SD200M2-6	28226E101	2	370	25	4"	3-1/2"	230	12.8	1	35'	M
MSB4SD200M6-6	28226E102	2	370	25	4"	3-1/2"	200	7.8	3	35'	M
MSB4SD200M3-6	28226E103	2	370	25	4"	3-1/2"	230	6.8	3	35'	M
MSB4SD200M4-6	28226E104	2	370	25	4"	3-1/2"	460	3.4	3	35'	M
MSB4SD200M5-6	28226E105	2	370	25	4"	3-1/2"	575	2.7	3	35'	M
MSB4SD300M2-4	28225E101	3	380	48	4"	3-1/2"	230	17.1	1	35'	M
MSB4SD300M6-4	28225E102	3	380	48	4"	3-1/2"	200	10.9	3	35'	M
MSB4SD300M3-4	28225E103	3	380	48	4"	3-1/2"	230	9.5	3	35'	M
MSB4SD300M4-4	28225E104	3	380	48	4"	3-1/2"	460	4.8	3	35'	M
MSB4SD300M5-4	28225E105	3	380	48	4"	3-1/2"	575	3.8	3	35'	M
MSB4SD500M2-4	28225E111	5	500	58	4"	3-1/2"	230	29.5	1	35'	M
MSB4SD500M6-4	28225E112	5	500	58	4"	3-1/2"	200	17.6	3	35'	M
MSB4SD500M3-4	28225E113	5	500	58	4"	3-1/2"	230	15.3	3	35'	M
MSB4SD500M4-4	28225E114	5	500	58	4"	3-1/2"	460	7.6	3	35'	M
MSB4SD500M5-4	28225E115	5	500	58	4"	3-1/2"	575	6.1	3	35'	M
MSB4SD750M6-4	28225E122	7-1/2	618	58	4"	3-1/2"	200	29.0	3	35'	M
MSB4SD750M3-4	28225E123	7-1/2	618	58	4"	3-1/2"	230	25.2	3	35'	M
MSB4SD750M4-4	28225E124	7-1/2	618	58	4"	3-1/2"	460	12.6	3	35'	M
MSB4SD750M5-4	28225E125	7-1/2	618	58	4"	3-1/2"	575	10.1	3	35'	M

SOLIDS HANDLING WASTEWATER PUMPS

3MW SERIES

The heavy-duty Myers 3MW Series Solids Handling Wastewater Pumps are designed for use in residential raw sewage and light commercial applications. The pumps are available in single and dual seal configurations. The enclosed two-vane impeller provides high efficiency pumping and easily handles trashy solids normally found in sewage applications. This series is offered with vertical discharge and easily adapts to a quick-disconnect slide rail system.

APPLICATIONS

Municipal sewage lift stations, industrial sewage transfer, and dewatering of storm water.



FEATURES

- ◆ **Motor Housing:** Cast iron for efficient heat transfer and corrosion resistance.
- ◆ **Motor:** 1, 1½, 2 and 3 HP single or three phase, 60 Hz, 3450 RPM. 1½, 2 and 3 HP single or three phase, 60 Hz, 1750 RPM. Single phase PSC motors have built-in winding overload protection, oil-cooled and lubricated.
- ◆ **High Efficient Cast Iron Volute:** Corrosion resistant. 3" NPT vertical discharge with legs.
- ◆ **Enclosed Two Vane Impeller:** High efficiency. Standard cast iron construction.
- ◆ **Volute/Impeller Seal Ring:** Maintains high efficiency and reduces recirculation. Replaceable.
- ◆ **Pump Out Vanes:** Help keep trash from seal, reduces pressure at seal faces.
- ◆ **Ball Bearings:** Upper and lower ball support rotor. Take radial and thrust loads.
- ◆ **Power and Control Cords:** Jacket sealed with compression fittings. Individual wires potted with epoxy to prevent wicking in case of cord damage.
- ◆ **Shaft Seals:** Carbon and ceramic faces. Dual tandem seals extends motor life. Optional tungsten carbide.
- ◆ **Seal Leak Probes:** Optional probes (dual seal only) detect water leakage in seal housing. Activates warning light.

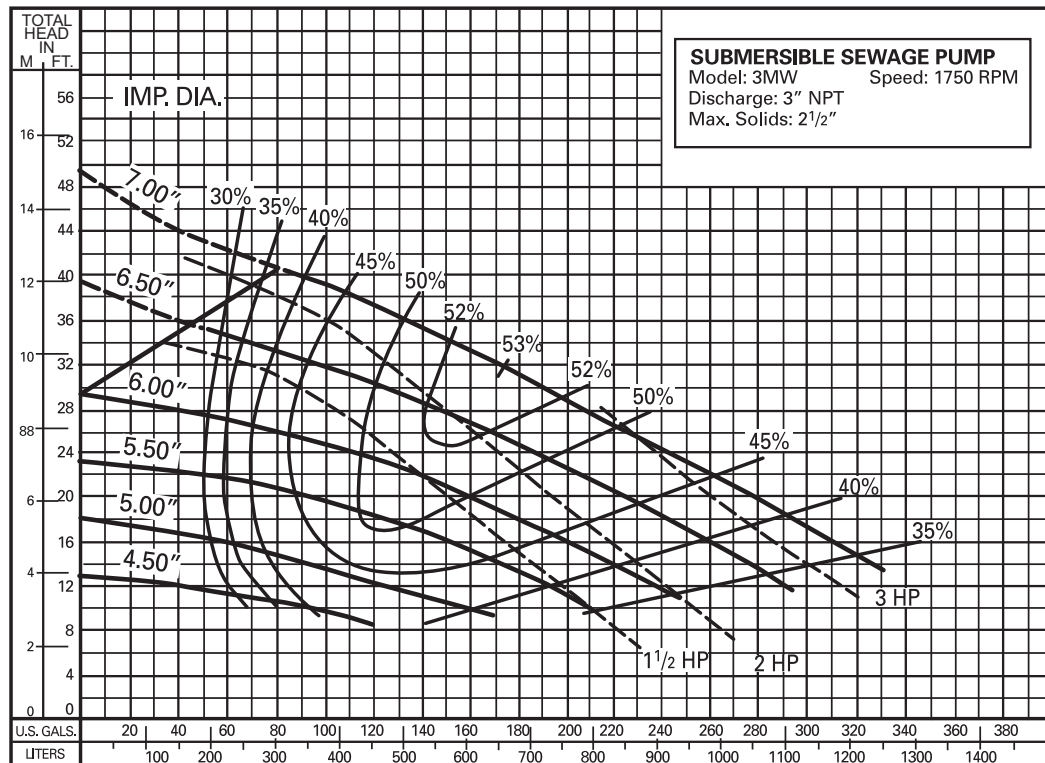
SPECIFICATIONS

- ◆ **Capacities To:** 330 GPM (20.82 LPS)
- ◆ **Heads To:** 92 ft. (28.0 m)
- ◆ **Solids Handling:** For 1750 = 2½ in. (63.5 mm); For 3450 = 2 in (50.6 mm)
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (up to 60°C)
- ◆ **Winding Insulation Temp. (Class B):** 260°F (130°C)
- ◆ **Motor Electrical Data:** (single phase are psc type; three phase need Myers control panel.); 1750 rpm (3450 rpm); 1-3 HP (1-3 HP); 208/230 volt 1Ø, 60 Hz, 1750 rpm; 200/230/460/575 volt, 3 phase, 60 Hz 3Ø, 60 Hz
- ◆ **Discharge, Vertical:** 3" NPT
- ◆ **Minimum Sump Dia. (Duplex):** 48 in. (1.2 m)
- ◆ **Motor Housing, Seal Housing, Volute Case:** Cast iron; class 30 ASTM A48
- ◆ **Enclosed 2-Vane Impeller:** Ductile iron, class 65 ASTM A536
- ◆ **Power and Control Cords:** S00W / SJ00W
- ◆ **Mechanical Seals, Standard, Optional:** Single, Type 21; carbon and ceramic; Tungsten carbide
- ◆ **Pump, Motor Shaft:** 416 SST
- ◆ **Fasteners:** 300 series SST

SOLIDS HANDLING WASTEWATER PUMPS 3MW SERIES

PERFORMANCE DATA

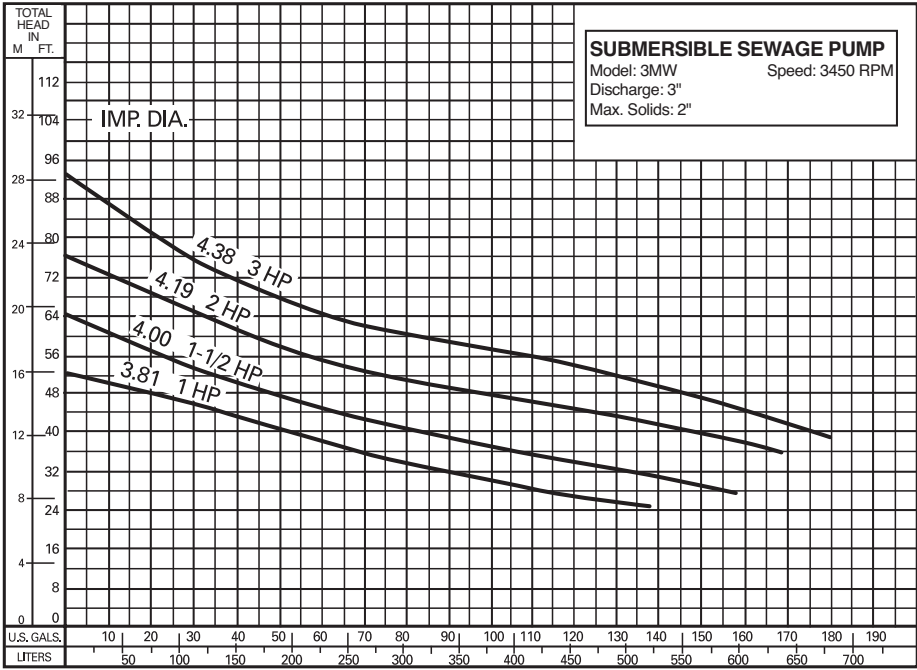
1750 RPM



AVAILABLE MODELS	MOTOR ELECTRICAL DATA								
MODEL	HP	PH	VOLTS	HZ	START AMPS	RUN AMPS	RUN KW	START KVA	NEC CODE LETTER
3MW15M4-01	1.5	1	208	60	39.9	16.6	2.7	8.3	A
3MW15M4-21	1.5	1	230	60	33.4	15	2.3	7.7	A
3MW15M4-03	1.5	3	208	60	45	11	2.2	16.2	F
3MW15M4-23	1.5	3	230	60	48	10	2.2	19.1	H
3MW15M4-43	1.5	3	460	60	24	5	2.2	19.1	H
3MW15M4-53	1.5	3	575	60	19	4	2.2	18.9	H
3MW20M4-01	2	1	208	60	39.9	17.7	3.4	8.3	A
3MW20M4-21	2	1	230	60	33.4	16	3	7.7	A
3MW20M4-03	2	3	208	60	45	13	2.9	16.2	F
3MW20M4-23	2	3	230	60	48	12	2.9	19.1	H
3MW20M4-43	2	3	460	60	24	6	2.9	19.1	H
3MW20M4-53	2	3	575	60	19	4.8	2.9	18.9	H
3MW30M4-21	3	1	230	60	33.4	20	3.8	7.7	A
3MW30M4-03	3	3	208	60	45	15	3.5	16.2	F
3MW30M4-23	3	3	230	60	48	13.5	3.5	19.1	H
3MW30M4-43	3	3	460	60	24	6.8	3.5	19.1	H
3MW30M4-53	3	3	575	60	19	5.5	3.5	18.9	H

PERFORMANCE DATA

3450 RPM



Pump performance is based on clear water (1.0 specific gravity @ 68°F) and pump fluid end (hydraulic) efficiency. Motor data based on 40°C ambient temperature.

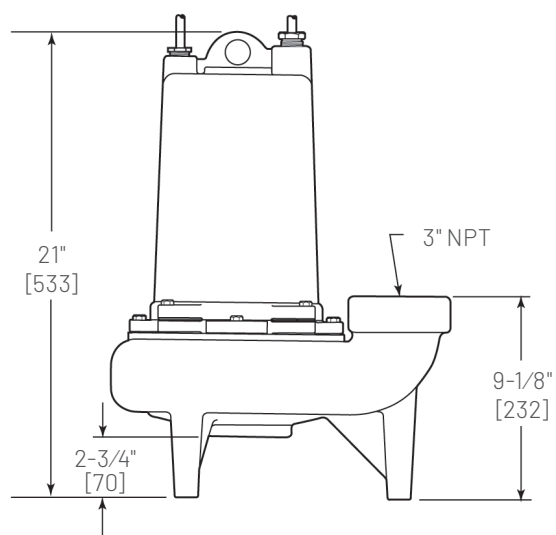
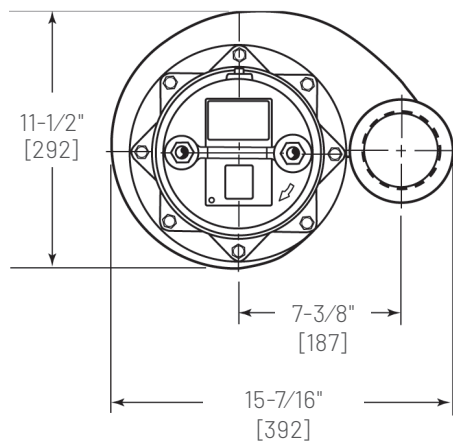
AVAILABLE MODELS	MOTOR ELECTRICAL DATA								
	HP	PH	VOLTS	HZ	START AMPS	RUN AMPS	RUN KW	START KVA	NEC CODE LETTER
3MW10M2-01	1	1	208	60	39.9	11.4	2.7	8.3	F
3MW10M2-21	1	1	230	60	33.4	10.3	2.4	7.7	F
3MW10M2-03	1	3	208	60	30	7.7	2.1	10.8	J
3MW10M2-23	1	3	230	60	32	7	2.1	12.8	K
3MW10M2-43	1	3	460	60	16	3.5	2.1	12.8	K
3MW10M2-53	1	3	575	60	13	2.8	2.1	13.0	K
3MW15M2-01	1.5	1	208	60	39.9	14.8	3.3	8.3	F
3MW15M2-21	1.5	1	230	60	33.4	12.8	3	7.7	F
3MW15M2-03	1.5	3	208	60	30	8.8	2.7	10.8	J
3MW15M2-23	1.5	3	230	60	32	8	2.7	12.8	K
3MW15M2-43	1.5	3	460	60	16	4	2.7	12.8	K
3MW15M2-53	1.5	3	575	60	13	3.2	2.7	13.0	K
3MW20M2-01	2	1	208	60	63	17.7	3.5	13.1	D
3MW20M2-21	2	1	230	60	63	16	3.5	14.5	E
3MW20M2-03	2	3	208	60	53	13	3.4	19.1	H
3MW20M2-23	2	3	230	60	50	12	3.4	19.9	H
3MW20M2-43	2	3	460	60	25	6	3.4	19.9	H
3MW20M2-53	2	3	575	60	20	4.8	3.4	19.9	H
3MW30M2-21	3	1	230	60	63	19	4.3	14.5	E
3MW30M2-03	3	3	208	60	53	14.7	4.2	19.1	H
3MW30M2-23	3	3	230	60	50	13.3	4.2	19.9	H
3MW30M2-43	3	3	460	60	25	6.7	4.2	19.9	H
3MW30M2-53	3	3	575	60	20	5.2	4.2	19.9	H

SOLIDS HANDLING WASTEWATER PUMPS 3MW SERIES

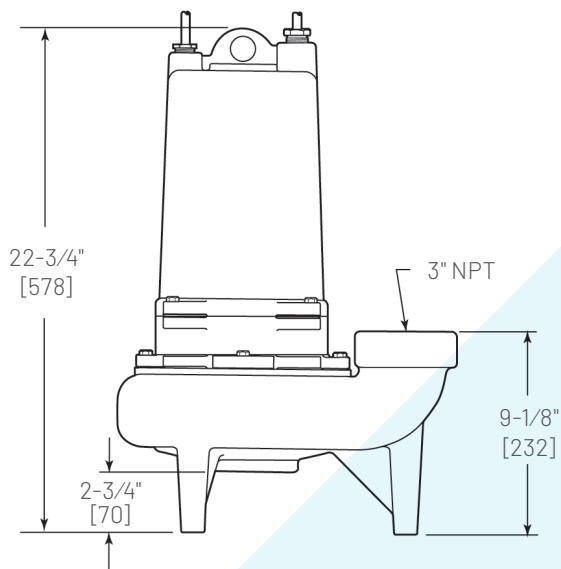
DIMENSIONAL DATA

1750 RPM

Dimensions in inches,
[] Dimensions in mm



Single Seal

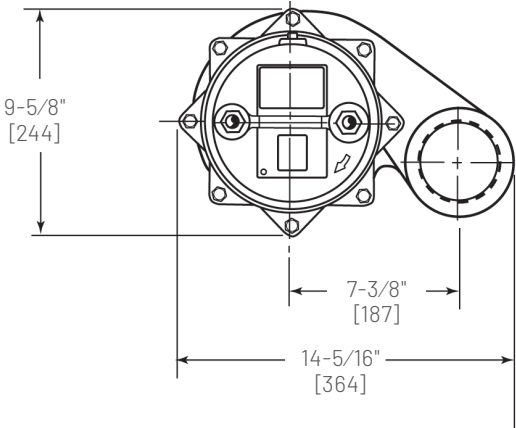


Dual Seal

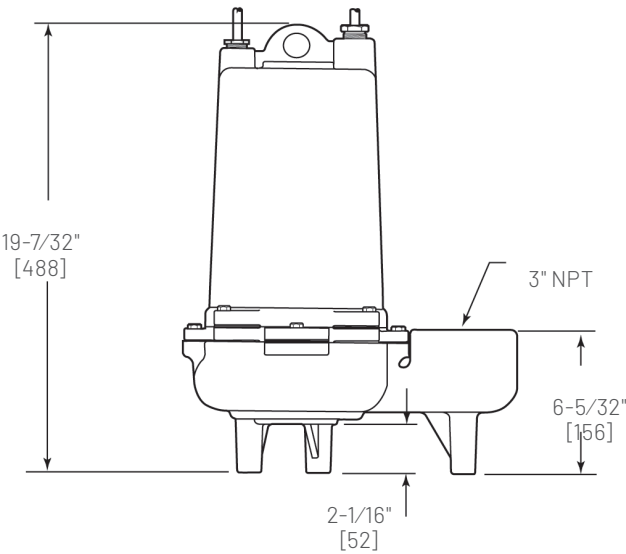
DIMENSIONAL DATA

3450 RPM

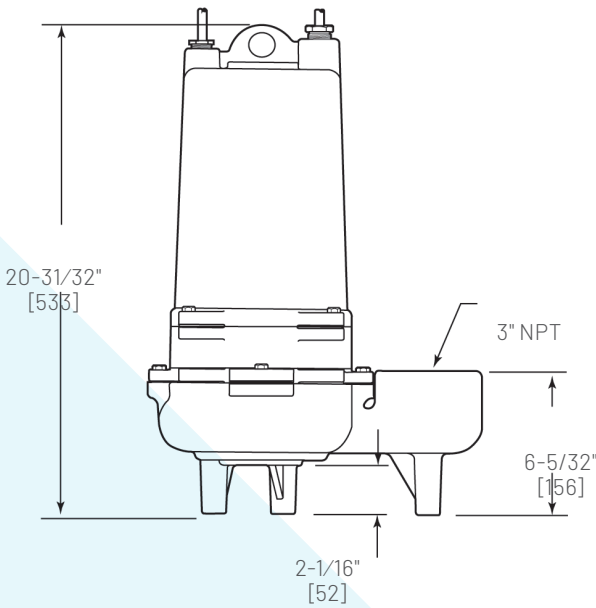
Dimensions in inches,
[] Dimensions in mm



Single Seal



Dual Seal



SOLIDS HANDLING WASTEWATER PUMPS 3MW SERIES

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
3MW15M4-01	26471E000	1-1/2	232	34	3"	2-1/2"	200	16.6	1	20'	M
3MW15M4-21	26471E001	1-1/2	232	34	3"	2-1/2"	230	15.0	1	20'	M
3MW15M4-03	26471E002	1-1/2	232	34	3"	2-1/2"	200	11.0	3	20'	M
3MW15M4-23	26471E003	1-1/2	232	34	3"	2-1/2"	230	10.0	3	20'	M
3MW15M4-43	26471E004	1-1/2	232	34	3"	2-1/2"	460	5.0	3	20'	M
3MW15M4-53	26471E005	1-1/2	232	34	3"	2-1/2"	575	4.0	3	20'	M
3MW20M4-01	26471E010	2	270	42	3"	2-1/2"	200	17.7	1	20'	M
3MW20M4-21	26471E011	2	270	42	3"	2-1/2"	230	16.0	1	20'	M
3MW20M4-03	26471E012	2	270	42	3"	2-1/2"	200	13.0	3	20'	M
3MW20M4-23	26471E013	2	270	42	3"	2-1/2"	230	12.0	3	20'	M
3MW20M4-43	26471E014	2	270	42	3"	2-1/2"	460	6.0	3	20'	M
3MW20M4-53	26471E015	2	270	42	3"	2-1/2"	575	4.8	3	20'	M
3MW30M4-21	26471E021	3	330	28	3"	2-1/2"	230	20.0	1	20'	M
3MW30M4-03	26471E022	3	330	28	3"	2-1/2"	200	15.0	3	20'	M
3MW30M4-23	26471E023	3	330	28	3"	2-1/2"	230	13.5	3	20'	M
3MW30M4-43	26471E024	3	330	28	3"	2-1/2"	460	6.8	3	20'	M
3MW30M4-53	26471E025	3	330	28	3"	2-1/2"	575	5.5	3	20'	M
3MW10M2-01	26473E000	1	135	52	3"	2"	200	11.4	1	20'	M
3MW10M2-21	26473E001	1	135	52	3"	2"	230	10.3	1	20'	M
3MW10M2-03	26473E002	1	135	52	3"	2"	200	7.7	3	20'	M
3MW10M2-23	26473E003	1	135	52	3"	2"	230	7.0	3	20'	M
3MW10M2-43	26473E004	1	135	52	3"	2"	460	3.5	3	20'	M
3MW10M2-53	26473E005	1	135	52	3"	2"	575	2.8	3	20'	M
3MW15M2-01	26473E010	1-1/2	155	64	3"	2"	200	14.8	1	20'	M
3MW15M2-21	26473E011	1-1/2	155	64	3"	2"	230	12.8	1	20'	M
3MW15M2-03	26473E012	1-1/2	155	64	3"	2"	200	8.8	3	20'	M
3MW15M2-23	26473E013	1-1/2	155	64	3"	2"	230	8.0	3	20'	M
3MW15M2-43	26473E014	1-1/2	155	64	3"	2"	460	4.0	3	20'	M
3MW15M2-53	26473E015	1-1/2	155	64	3"	2"	575	3.2	3	20'	M
3MW20M2-01	26473E020	2	170	76	3"	2"	200	17.7	1	20'	M
3MW20M2-21	26473E021	2	170	76	3"	2"	230	16.0	1	20'	M
3MW20M2-03	26473E022	2	170	76	3"	2"	200	13.0	3	20'	M
3MW20M2-23	26473E023	2	170	76	3"	2"	230	12.0	3	20'	M
3MW20M2-43	26473E024	2	170	76	3"	2"	460	6.0	3	20'	M
3MW20M2-53	26473E025	2	170	76	3"	2"	575	4.8	3	20'	M
3MW30M2-21	26473E030	3	180	92	3"	2"	230	19.0	1	20'	M
3MW30M2-03	26473E031	3	180	92	3"	2"	200	14.7	3	20'	M
3MW30M2-23	26473E032	3	180	92	3"	2"	230	13.3	3	20'	M
3MW30M2-43	26473E033	3	180	92	3"	2"	460	6.7	3	20'	M
3MW30M2-53	26473E034	3	180	92	3"	2"	575	5.2	3	20'	M
3MW15DM4-01	26472E000	1-1/2	232	34	3"	2-1/2"	200	16.6	1	20'	M
3MW15DM4-21	26472E001	1-1/2	232	34	3"	2-1/2"	230	15.0	1	20'	M
3MW15DM4-03	26472E002	1-1/2	232	34	3"	2-1/2"	200	11.0	3	20'	M
3MW15DM4-23	26472E003	1-1/2	232	34	3"	2-1/2"	230	10.0	3	20'	M
3MW15DM4-43	26472E004	1-1/2	232	34	3"	2-1/2"	460	5.0	3	20'	M
3MW15DM4-53	26472E005	1-1/2	232	34	3"	2-1/2"	575	4.0	3	20'	M
3MW20DM4-01	26472E010	2	270	42	3"	2-1/2"	200	17.7	1	20'	M
3MW20DM4-21	26472E011	2	270	42	3"	2-1/2"	230	16.0	1	20'	M
3MW20DM4-03	26472E012	2	270	42	3"	2-1/2"	200	13.0	3	20'	M
3MW20DM4-23	26472E013	2	270	42	3"	2-1/2"	230	12.0	3	20'	M
3MW20DM4-43	26472E014	2	270	42	3"	2-1/2"	460	6.0	3	20'	M
3MW20DM4-53	26472E015	2	270	42	3"	2-1/2"	575	4.8	3	20'	M
3MW30DM4-21	26472E021	3	330	28	3"	2-1/2"	230	20.0	1	20'	M

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
3MW30DM4-03	26472E022	3	330	28	3"	2-1/2"	200	15.0	3	20'	M
3MW30DM4-23	26472E023	3	330	28	3"	2-1/2"	230	13.5	3	20'	M
3MW30DM4-43	26472E024	3	330	28	3"	2-1/2"	460	6.8	3	20'	M
3MW30DM4-53	26472E025	3	330	28	3"	2-1/2"	575	5.5	3	20'	M
3MW10DM2-01	26474E000	1	135	52	3"	2"	200	11.4	1	20'	M
3MW10DM2-21	26474E001	1	135	52	3"	2"	230	10.3	1	20'	M
3MW10DM2-03	26474E002	1	135	52	3"	2"	200	7.7	3	20'	M
3MW10DM2-23	26474E003	1	135	52	3"	2"	230	7.0	3	20'	M
3MW10DM2-43	26474E004	1	135	52	3"	2"	460	3.5	3	20'	M
3MW10DM2-53	26474E005	1	135	52	3"	2"	575	2.8	3	20'	M
3MW15DM2-01	26474E010	1-1/2	155	64	3"	2"	200	14.8	1	20'	M
3MW15DM2-21	26474E011	1-1/2	155	64	3"	2"	230	12.8	1	20'	M
3MW15DM2-03	26474E012	1-1/2	155	64	3"	2"	200	8.8	3	20'	M
3MW15DM2-23	26474E013	1-1/2	155	64	3"	2"	230	8.0	3	20'	M
3MW15DM2-43	26474E014	1-1/2	155	64	3"	2"	460	4.0	3	20'	M
3MW15DM2-53	26474E015	1-1/2	155	64	3"	2"	575	3.2	3	20'	M
3MW20DM2-01	26474E020	2	170	76	3"	2"	200	17.7	1	20'	M
3MW20DM2-21	26474E021	2	170	76	3"	2"	230	16.0	1	20'	M
3MW20DM2-03	26474E022	2	170	76	3"	2"	200	13.0	3	20'	M
3MW20DM2-23	26474E023	2	170	76	3"	2"	230	12.0	3	20'	M
3MW20DM2-43	26474E024	2	170	76	3"	2"	460	6.0	3	20'	M
3MW20DM2-53	26474E025	2	170	76	3"	2"	575	4.8	3	20'	M
3MW30DM2-21	26474E030	3	180	92	3"	2"	230	19.0	1	20'	M
3MW30DM2-03	26474E031	3	180	92	3"	2"	200	14.7	3	20'	M
3MW30DM2-23	26474E032	3	180	92	3"	2"	230	13.3	3	20'	M
3MW30DM2-43	26474E033	3	180	92	3"	2"	460	6.7	3	20'	M
3MW30DM2-53	26474E034	3	180	92	3"	2"	575	5.2	3	20'	M

SOLIDS HANDLING WASTEWATER PUMPS

3WHV AND V3WHV MODELS

The 3WHV and V3WHV Series Solids Handling Wastewater Pumps are primarily designed for light and medium commercial applications such as schools, industrial and treatment plants, restaurants, and motels among others.

This pump can be installed on legs (vertical discharge) or with a quick-disconnect slide rail system. Its ability to handle 2½-inch spherical solids makes it ideal for most light to medium commercial installations.

APPLICATIONS

Designed for light and medium commercial applications.

FEATURES

- ◆ **Cable Entry System:** Provides double seal protection. Cable jacket sealed by compression fitting. Individual wires sealed by epoxy potting.
- ◆ **Stainless Steel Shaft :** Prevents deflection from impeller radial loads when pump operates at heads higher than peak efficiency range.
- ◆ **Single Shaft Seals:** Protect motor.
- ◆ **Pump-Out Vanes :** Help keep trash from seal, reduce pressure at seal faces.
- ◆ **Horizontal Discharge Volute Case:** 3" flanged.
- ◆ **Vertical Discharge Volute Case:** Includes support legs. 3" flanged.
- ◆ **Two-Vane Rounded Port Impellers:** Handles solids with ease at high operating efficiencies.
- ◆ **Modified Constant Velocity Volute:** Offers quiet operation, low radial loads over extended portion of performance curve.
- ◆ **Oil-Filled Motor:** Maximum heat dissipation and constant bearing lubrication.

SPECIFICATIONS

- ◆ **Capacities To:** 400 GPM (25.24 LPM)
- ◆ **Heads To:** 48 ft. (14.6 m)
- ◆ **Solids Handling (dia.):** 2-1/2 in. (63.5 mm)
- ◆ **Liquids Handling :** Raw unscreened sewage, effluent, storm water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (up to 60°C)
- ◆ **Winding Insulation Temp. (Class B):** 266°F (130°C)
- ◆ **Motor Electrical Data:** (Single phase motors are capacitor start type. Myers control panels or capacitor kits are recommended for proper operation and warranty). 1750 RPM; 1-5 HP, 230V, 1Ø, 60 Hz; 1-5 HP, 200/230/460/575V; 3Ø, 60 Hz
- ◆ **Acceptable pH Range:** 6 - 9
- ◆ **Specific Gravity:** .9 - 1.1
- ◆ **Viscosity:** 28 - 35 SSU
- ◆ **Discharge, Flanged Centerline (Horiz. or Vert.):** 3 in.
- ◆ **Min. Sump Diameter Duplex:** 60 in. (1.5 m)
- ◆ **Motor Housing, Seal Housing, Cord Cap and Volute Case:** Cast iron, Class 30, ASTM A48
- ◆ **Enclosed 2-Vane Impeller:** Ductile iron, Class 65, ASTM A536
- ◆ **Mechanical Seals:** Standard, Optional = Single, Type 21; carbon and ceramic; Tungsten, carbide
- ◆ **Pump, Motor Shaft:** 416 SST

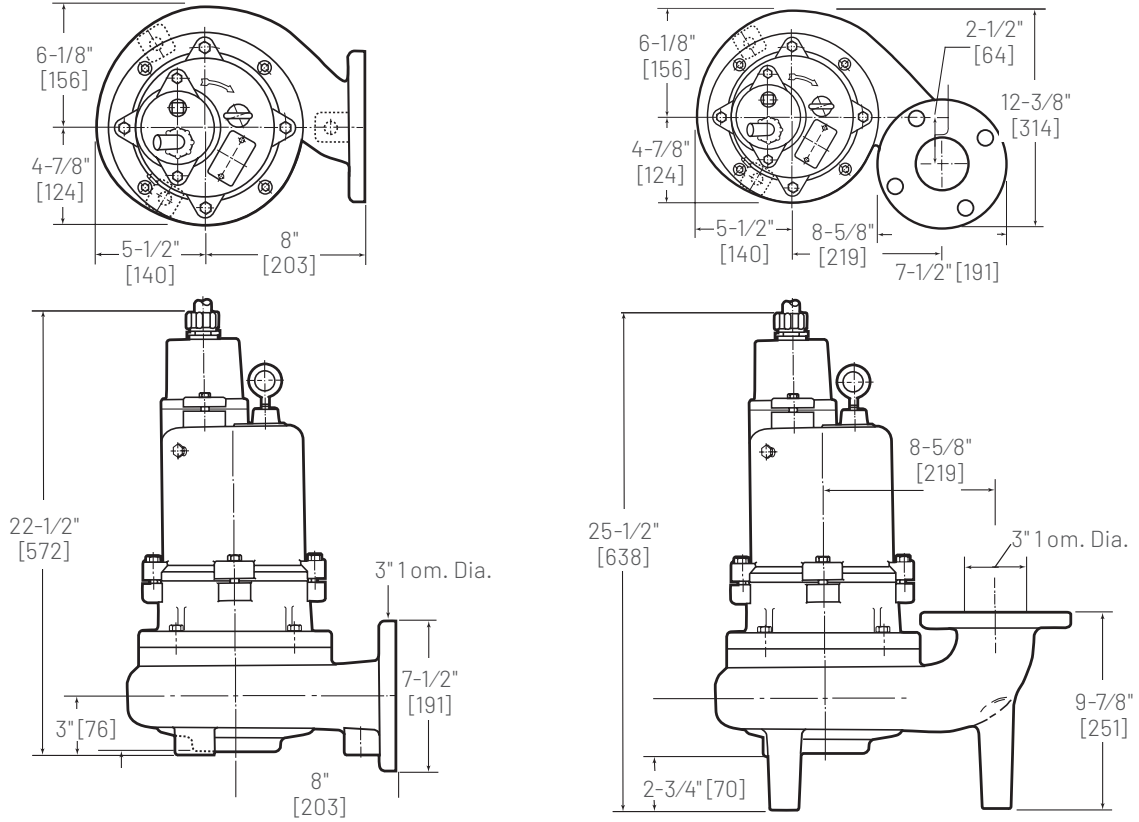



Tested & Certified
to CSA 108.

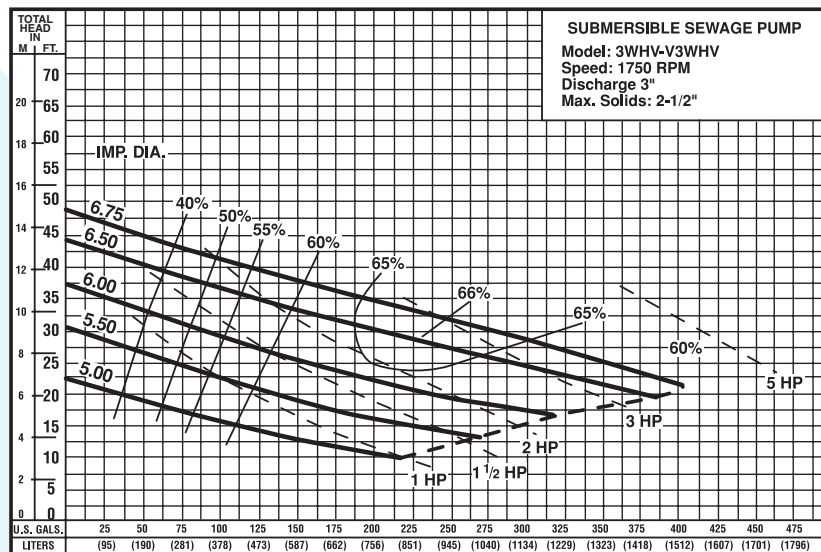
DIMENSIONAL DATA

[Dimensions in mm]

1750 RPM



PERFORMANCE DATA



SOLIDS HANDLING WASTEWATER PUMPS 3WHV AND V3WHV MODELS

PERFORMANCE DATA

AVAILABLE MODELS	MOTOR ELECTRICAL DATA											
STANDARD	HP	VOLTS	PHASE	HERTZ	START AMPS	FULL LOAD AMPS	SERVICE FACTOR AMPS	FULL LOAD KW	START KVA	FULL LOAD KVA	NEC CODE LETTER	SERVICE FACTOR
3WHV10M4-21	1	230	1	60	71	8	10	1.3	16.3	1.8	N	1.2
3WHV10M4-03	1	208	3	60	38	5.4	6.2	1.5	13.7	1.9	N	1.2
3WHV10M4-23	1	230	3	60	34	4.5	5.4	1.5	13.5	1.8	N	1.2
3WHV10M4-43	1	460	3	60	17	2.3	2.7	1.5	13.5	1.8	N	1.2
3WHV10M4-53	1	575	3	60	14	1.8	2.2	1.5	13.9	1.8	N	1.2
3WHV15M4-21	1.5	230	1	60	71	10	12	1.9	16.3	2.3	M	1.2
3WHV15M4-03	1.5	208	3	60	38	6.6	8	2.2	13.7	2.4	L	1.2
3WHV15M4-23	1.5	230	3	60	34	5.5	7	1.8	13.5	2.2	L	1.2
3WHV15M4-43	1.5	460	3	60	17	2.8	3.5	1.8	13.5	2.2	L	1.2
3WHV15M4-53	1.5	575	3	60	18	2.2	2.8	1.8	17.9	2.2	L	1.2
3WHV20M4-21	2	230	1	60	66	12	14.4	2.4	15.2	2.8	J	1.2
3WHV20M4-03	2	208	3	60	49	8.4	9.8	2.3	17.6	3	K	1.2
3WHV20M4-23	2	230	3	60	44	7	7.6	2.2	17.5	2.8	K	1.2
3WHV20M4-43	2	460	3	60	22	3.5	3.8	2.2	17.5	2.8	K	1.2
3WHV20M4-53	2	575	3	60	18	2.8	3.4	2.2	17.9	2.8	K	1.2
3WHV30M4-21	3	230	1	60	98	21	27	4.5	22.5	4.8	J	1.2
3WHV30M4-03	3	208	3	60	51	15	18	4.2	18.4	5.4	G	1.2
3WHV30M4-23	3	230	3	60	46	12	15	4.1	18.3	4.8	G	1.2
3WHV30M4-43	3	460	3	60	23	6	7.5	4.1	18.3	4.8	G	1.2
3WHV30M4-53	3	575	3	60	19	5	6	4.2	18.9	5	H	1.2
3WHV50M4-21	5	230	1	60	108	34	34	6.7	24.8	7.8	E	1.0
3WHV50M4-03	5	208	3	60	106	24	24	7.3	38.1	8.6	J	1.0
3WHV50M4-23	5	230	3	60	96	21	21	7.2	38.2	8.4	J	1.0
3WHV50M4-43	5	460	3	60	48	10.5	10.5	7.2	38.2	8.4	J	1.0
3WHV50M4-53	5	575	3	60	39	8.4	8.4	7.2	38.8	8.4	J	1.0

MOTOR EFFICIENCIES AND POWER FACTOR									
MOTOR EFFICIENCY %						POWER FACTOR %			
HP	PHASE	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD	SERVICE FACTOR LOAD	100% LOAD	75% LOAD	50% LOAD
1	1	74	72	67	59	85	75	67	56
1	3	70	66	60	51	70	67	61	47
1.5	1	73	74	67	68	86	83	78	67
1.5	3	71	70	65	58	82	79	71	64
2	1	75	76	75	69	90	88	84	75
2	3	71	70	65	58	80	77	71	61
3	1	67	70	68	62	88	88	85	78
3	3	68	71	71	69	87	88	87	82
5	1	66	69	68	61	86	87	84	75
5	3	63	76	76	75	86	85	83	74

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
3WHV10M4-21	24415E030	1	237	32	3"	2-1/2"	230	8.0	1	35'	M
3WHV10M4-03	24415E031	1	237	32	3"	2-1/2"	200	5.4	3	35'	M
3WHV10M4-23	24415E032	1	237	32	3"	2-1/2"	230	4.5	3	35'	M
3WHV10M4-43	24415E033	1	237	32	3"	2-1/2"	460	2.3	3	35'	M
3WHV10M4-53	24415E034	1	237	32	3"	2-1/2"	575	1.8	3	35'	M
3WHV15M4-21	24415E000	1-1/2	280	39	3"	2-1/2"	230	10.0	1	35'	M
3WHV15M4-03	24415E001	1-1/2	280	39	3"	2-1/2"	200	6.6	3	35'	M
3WHV15M4-23	24415E002	1-1/2	280	39	3"	2-1/2"	230	5.5	3	35'	M
3WHV15M4-43	24415E003	1-1/2	280	39	3"	2-1/2"	460	2.8	3	35'	M
3WHV15M4-53	24415E004	1-1/2	280	39	3"	2-1/2"	575	2.2	3	35'	M
3WHV20M4-21	24415E010	2	310	43	3"	2-1/2"	230	12.0	1	35'	M
3WHV20M4-03	24415E011	2	310	43	3"	2-1/2"	200	8.4	3	35'	M
3WHV20M4-23	24415E012	2	310	43	3"	2-1/2"	230	7.0	3	35'	M
3WHV20M4-43	24415E013	2	310	43	3"	2-1/2"	460	3.5	3	35'	M
3WHV20M4-53	24415E014	2	310	43	3"	2-1/2"	575	2.8	3	35'	M
3WHV30M4-21	24415E020	3	363	35	3"	2-1/2"	230	21.0	1	35'	M
3WHV30M4-03	24415E021	3	363	35	3"	2-1/2"	200	15.0	3	35'	M
3WHV30M4-23	24415E022	3	363	35	3"	2-1/2"	230	12.0	3	35'	M
3WHV30M4-43	24415E023	3	363	35	3"	2-1/2"	460	6.0	3	35'	M
3WHV30M4-53	24415E024	3	363	35	3"	2-1/2"	575	5.0	3	35'	M
3WHV50M4-21	24415E040	5	463	34	3"	2-1/2"	230	34.0	1	35'	M
3WHV50M4-03	24415E041	5	463	34	3"	2-1/2"	200	24.0	3	35'	M
3WHV50M4-23	24415E042	5	463	34	3"	2-1/2"	230	21.0	3	35'	M
3WHV50M4-43	24415E043	5	463	34	3"	2-1/2"	460	10.5	3	35'	M
3WHV50M4-53	24415E044	5	463	34	3"	2-1/2"	575	8.4	3	35'	M
V3WHV10M4-21	24415E050	1	237	32	3"	2-1/2"	230	8.0	1	35'	M
V3WHV10M4-03	24415E051	1	237	32	3"	2-1/2"	200	5.4	3	35'	M
V3WHV10M4-23	24415E052	1	237	32	3"	2-1/2"	230	4.5	3	35'	M
V3WHV10M4-43	24415E053	1	237	32	3"	2-1/2"	460	2.3	3	35'	M
V3WHV10M4-53	24415E054	1	237	32	3"	2-1/2"	575	1.8	3	35'	M
V3WHV15M4-21	24415E055	1-1/2	280	39	3"	2-1/2"	230	10.0	1	35'	M
V3WHV15M4-03	24415E056	1-1/2	280	39	3"	2-1/2"	200	6.6	3	35'	M
V3WHV15M4-23	24415E057	1-1/2	280	39	3"	2-1/2"	230	5.5	3	35'	M
V3WHV15M4-43	24415E058	1-1/2	280	39	3"	2-1/2"	460	2.8	3	35'	M
V3WHV15M4-53	24415E059	1-1/2	280	39	3"	2-1/2"	575	2.2	3	35'	M
V3WHV20M4-21	24415E060	2	310	43	3"	2-1/2"	230	12.0	1	35'	M
V3WHV20M4-03	24415E061	2	310	43	3"	2-1/2"	200	8.4	3	35'	M
V3WHV20M4-23	24415E062	2	310	43	3"	2-1/2"	230	7.0	3	35'	M
V3WHV20M4-43	24415E063	2	310	43	3"	2-1/2"	460	3.5	3	35'	M
V3WHV20M4-53	24415E064	2	310	43	3"	2-1/2"	575	2.8	3	35'	M
V3WHV30M4-21	24415E065	3	363	35	3"	2-1/2"	230	21.0	1	35'	M
V3WHV30M4-03	24415E066	3	363	35	3"	2-1/2"	200	15.0	3	35'	M
V3WHV30M4-23	24415E067	3	363	35	3"	2-1/2"	230	12.0	3	35'	M
V3WHV30M4-43	24415E068	3	363	35	3"	2-1/2"	460	6.0	3	35'	M
V3WHV30M4-53	24415E069	3	363	35	3"	2-1/2"	575	5.0	3	35'	M
V3WHV50M4-21	24415E070	5	463	34	3"	2-1/2"	230	34.0	1	35'	M
V3WHV50M4-03	24415E071	5	463	34	3"	2-1/2"	200	24.0	3	35'	M
V3WHV50M4-23	24415E072	5	463	34	3"	2-1/2"	230	21.0	3	35'	M
V3WHV50M4-43	24415E073	5	463	34	3"	2-1/2"	460	10.5	3	35'	M
V3WHV50M4-53	24415E074	5	463	34	3"	2-1/2"	575	8.4	3	35'	M

SUBMERSIBLE VORTEX WASTEWATER PUMPS

3RMW SERIES

Myers 3RMW Submersible Wastewater Vortex Pumps are the right choice when difficult to pump fibrous or stringy solids are to be expected. The 3RMW series provides smooth, vibration-free operation over the entire performance curve.

APPLICATIONS

Light and medium commercial applications.



FEATURES

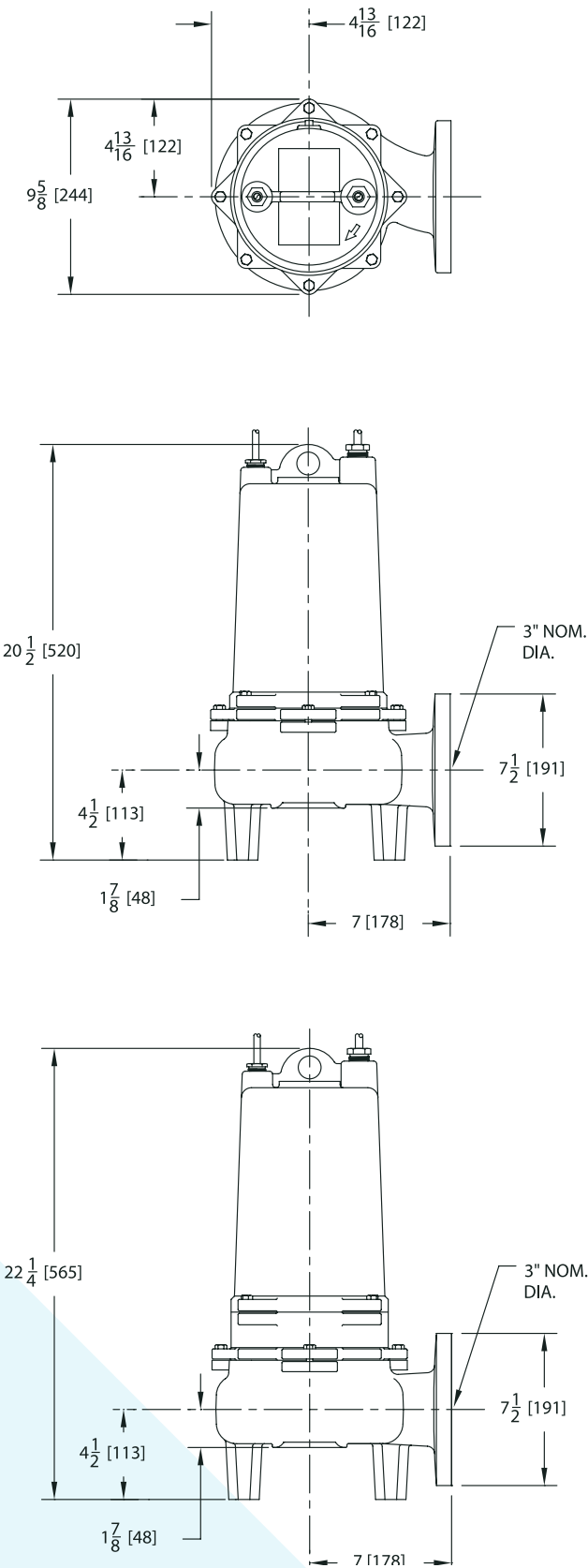
- ◆ **Motor Housing:** Cast iron for efficient heat transfer and corrosion resistance.
- ◆ **Motor:** 1, 1½, 2 and 3 HP single or three phase, 60 Hz, 3450 RPM. 1½, 2 and 3 HP single or three phase, 60 Hz, 1750 RPM. Single phase PSC motors have built-in winding overload protection, oil-cooled and lubricated.
- ◆ **Ball Bearings:** Upper and lower ball bearings support rotor and take radial and thrust loads.
- ◆ **Seal Leak Probes:** Detect water leakage in seal housing. Activates warning light. (Dual seal models only)
- ◆ **Pump Out Vanes:** Help keep trash from seal, reduces pressure at seal faces.
- ◆ **Shaft Seals:** Carbon and ceramic faces. Optional tungsten carbide.
- ◆ **Recessed Open Vane Impeller:** Ductile iron construction.
- ◆ **High Efficient Cast Iron Volute:** Corrosion resistant. 3" Flanged horizontal discharge with legs. Recessed impeller greatly increases bearing life by reducing radial load.
- ◆ Operates without vibration or cavitation over entire performance curve. Operates near shutoff without harming pump.
- ◆ **Power And Control Cords:** Jacket sealed with compression fittings. Individual wires potted with epoxy to prevent wicking in case of cord damage.

SPECIFICATIONS

- ◆ **Capacities To:** 280 GPM (17.67 LPS)
- ◆ **Heads To:** 51 ft. (15.55 m)
- ◆ **Solids Handling:** For 1750 = 2½ in. (63.5 mm); For 3450 = 2 in. (50.6mm)
- ◆ **Liquids Handling:** Raw sewage, effluent, rain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (up to 60°C)
- ◆ **Winding Insulation Temp. (Class B):** 260°F (130°C)
- ◆ **Motor Electrical Data:** Single phase are psc type; three phase need Myers control panel. 1750 rpm (3450 rpm); 1½ – 3 HP (1 – 3 HP); 208/230 volt, 1Ø, 60 Hz, 1750 rpm; 200/230/460/575 volt, 3Ø, 60 Hz; 3Ø, 60 Hz
- ◆ **Discharge, Horizontal:** 3" flanged
- ◆ **Minimum Sump Dia. (Duplex):** 48 in. (1.2 m)
- ◆ **Motor Housing, Seal Housing, Volute Case:** Cast iron, Class 30, ASTM A48
- ◆ **Recessed Impeller:** Ductile iron, Class 65, ASTM A536
- ◆ **Power and Control Cords:** S00W / SJ00W
- ◆ **Mechanical Seals, Standard, Optional:** Single or dual, type 21 carbon and ceramic tungsten carbide
- ◆ **Pump, Motor Shaft:** 416 SST
- ◆ **Fasteners:** 300 series SST

DIMENSIONAL DATA

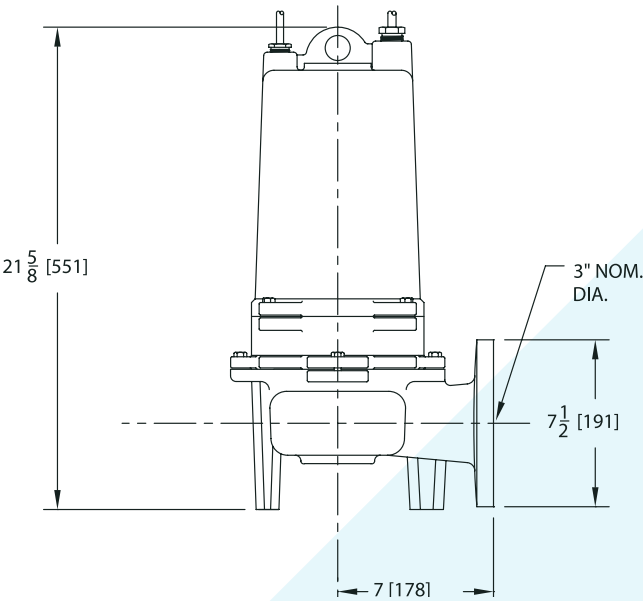
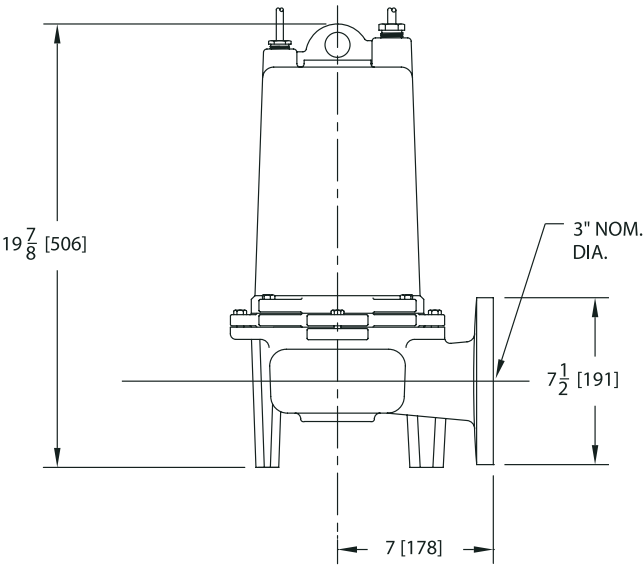
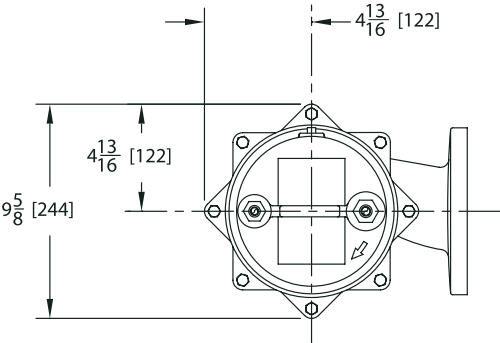
1750 RPM



Dimensions in inches
[] Dimensions in mm

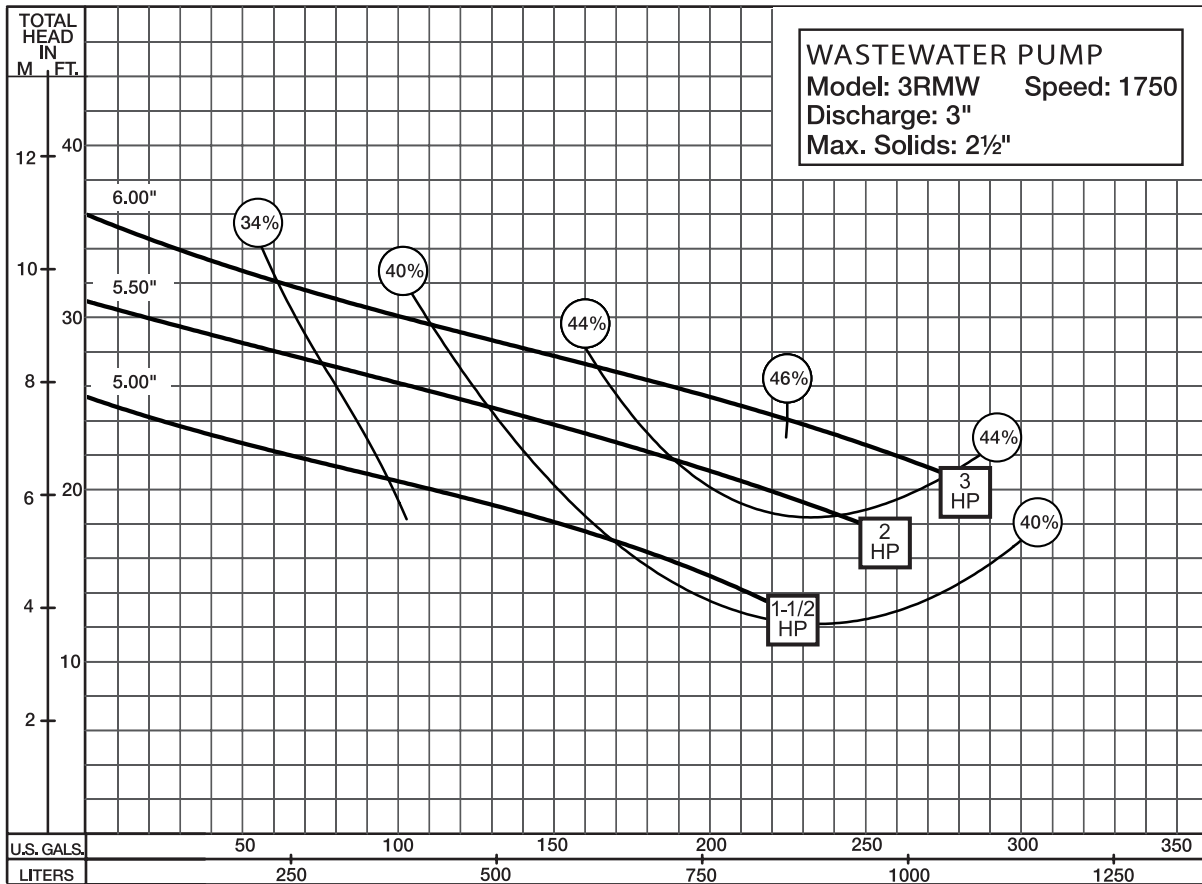
DIMENSIONAL DATA

3450 RPM



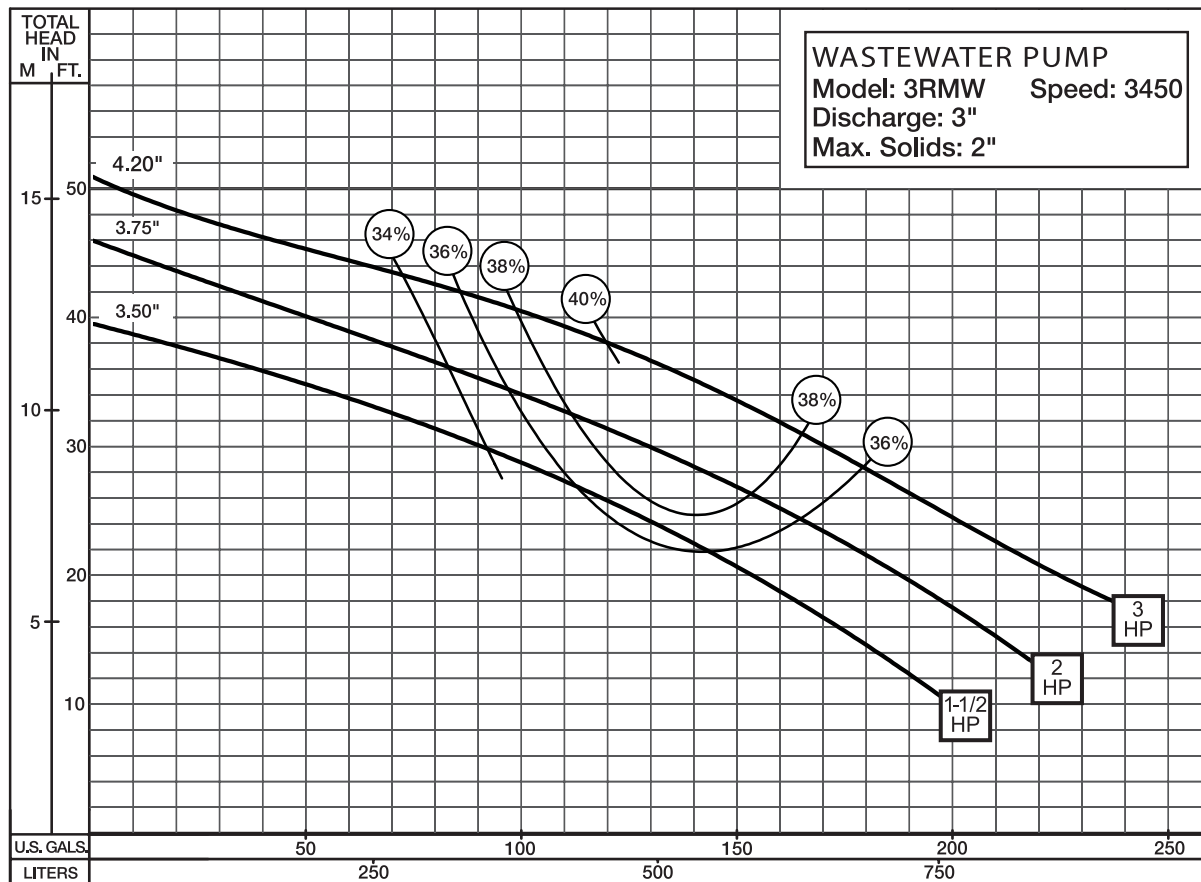
Dimensions in inches
[] Dimensions in mm

1750 RPM PERFORMANCE CURVE



AVAILABLE MODELS		MOTOR ELECTRICAL DATA							
MODEL	HP	PH	VOLTS	HZ	START AMPS	RUN AMPS	RUN KW	START KVA	NEC CODE LETTER
3RMW15M4-01	1.5	1	208	60	39.9	16.6	2.7	8.3	A
3RMW15M4-21	1.5	1	230	60	33.4	15	2.3	7.7	A
3RMW15M4-03	1.5	3	208	60	45	11	2.2	16.2	F
3RMW15M4-23	1.5	3	230	60	48	10	2.2	19.1	H
3RMW15M4-43	1.5	3	460	60	24	5	2.2	19.1	H
3RMW15M4-53	1.5	3	575	60	19	4	2.2	18.9	H
3RMW20M4-01	2	1	208	60	39.9	17.7	3.4	8.3	A
3RMW20M4-21	2	1	230	60	33.4	16	3	7.7	A
3RMW20M4-03	2	3	208	60	45	13	2.9	16.2	F
3RMW20M4-23	2	3	230	60	48	12	2.9	19.1	H
3RMW20M4-43	2	3	460	60	24	6	2.9	19.1	H
3RMW20M4-53	2	3	575	60	19	4.8	2.9	18.9	H
3RMW30M4-21	3	1	230	60	33.4	20	3.8	7.7	A
3RMW30M4-03	3	3	208	60	45	15	3.5	16.2	F
3RMW30M4-23	3	3	230	60	48	13.5	3.5	19.1	H
3RMW30M4-43	3	3	460	60	24	6.8	3.5	19.1	H
3RMW30M4-53	3	3	575	60	19	5.5	3.5	18.9	H

3450 RPM PERFORMANCE CURVE



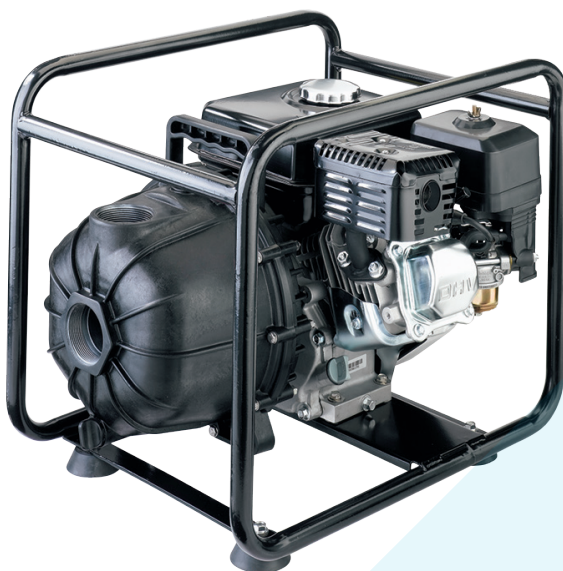
AVAILABLE MODELS		MOTOR ELECTRICAL DATA							
MODEL	HP	PH	VOLTS	HZ	START AMPS	RUN AMPS	RUN KW	START KVA	NEC CODE LETTER
3RMW15M2-01	1.5	1	208	60	39.9	14.8	3.3	8.3	F
3RMW15M2-21	1.5	1	230	60	33.4	12.8	3	7.7	F
3RMW15M2-03	1.5	3	208	60	30	8.8	2.7	10.8	J
3RMW15M2-23	1.5	3	230	60	32	8	2.7	12.8	K
3RMW15M2-43	1.5	3	460	60	16	4	2.7	12.8	K
3RMW15M2-53	1.5	3	575	60	13	3.2	2.7	13.0	K
3RMW20M2-01	2	1	208	60	63	17.7	3.5	13.1	D
3RMW20M2-21	2	1	230	60	63	16	3.5	14.5	E
3RMW20M2-03	2	3	208	60	53	13	3.4	19.1	H
3RMW20M2-23	2	3	230	60	50	12	3.4	19.9	H
3RMW20M2-43	2	3	460	60	25	6	3.4	19.9	H
3RMW20M2-53	2	3	575	60	20	4.8	3.4	19.9	H
3RMW30M2-21	3	1	230	60	63	19	4.3	14.5	E
3RMW30M2-03	3	1	208	60	53	14.7	4.2	19.1	H
3RMW30M2-23	3	3	230	60	50	13.3	4.2	19.9	H
3RMW30M2-43	3	3	460	60	25	6.7	4.2	19.9	H
3RMW30M2-53	3	3	575	60	20	5.2	4.2	19.9	H

ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
3RMW15M4-01	27768E000	1-1/2	220	26	3"	2-1/2"	200	16.6	1	20'	M
3RMW15M4-21	27768E001	1-1/2	220	26	3"	2-1/2"	230	15.0	1	20'	M
3RMW15M4-03	27768E002	1-1/2	220	26	3"	2-1/2"	200	11.0	3	20'	M
3RMW15M4-23	27768E003	1-1/2	220	26	3"	2-1/2"	230	10.0	3	20'	M
3RMW15M4-43	27768E004	1-1/2	220	26	3"	2-1/2"	460	5.0	3	20'	M
3RMW15M4-53	27768E005	1-1/2	220	26	3"	2-1/2"	575	4.0	3	20'	M
3RMW20M4-01	27768E010	2	250	31	3"	2-1/2"	200	17.7	1	20'	M
3RMW20M4-21	27768E011	2	250	31	3"	2-1/2"	230	16.0	1	20'	M
3RMW20M4-03	27768E012	2	250	31	3"	2-1/2"	200	13.0	3	20'	M
3RMW20M4-23	27768E013	2	250	31	3"	2-1/2"	230	12.0	3	20'	M
3RMW20M4-43	27768E014	2	250	31	3"	2-1/2"	460	6.0	3	20'	M
3RMW20M4-53	27768E015	2	250	31	3"	2-1/2"	575	4.8	3	20'	M
3RMW30M4-21	27768E021	3	280	36	3"	2-1/2"	230	20.0	1	20'	M
3RMW30M4-03	27768E022	3	280	36	3"	2-1/2"	200	15.0	3	20'	M
3RMW30M4-23	27768E023	3	280	36	3"	2-1/2"	230	13.5	3	20'	M
3RMW30M4-43	27768E024	3	280	36	3"	2-1/2"	460	6.8	3	20'	M
3RMW30M4-53	27768E025	3	280	36	3"	2-1/2"	575	5.5	3	20'	M
3RMW15M2-01	27766E010	1-1/2	200	40	3"	2"	200	14.8	1	20'	M
3RMW15M2-21	27766E011	1-1/2	200	40	3"	2"	230	12.8	1	20'	M
3RMW15M2-03	27766E012	1-1/2	200	40	3"	2"	200	8.8	3	20'	M
3RMW15M2-23	27766E013	1-1/2	200	40	3"	2"	230	8.0	3	20'	M
3RMW15M2-43	27766E014	1-1/2	200	40	3"	2"	460	4.0	3	20'	M
3RMW15M2-53	27766E015	1-1/2	200	40	3"	2"	575	3.2	3	20'	M
3RMW20M2-01	27766E020	2	220	46	3"	2"	200	17.7	1	20'	M
3RMW20M2-21	27766E021	2	220	46	3"	2"	230	16.0	1	20'	M
3RMW20M2-03	27766E022	2	220	46	3"	2"	200	13.0	3	20'	M
3RMW20M2-23	27766E023	2	220	46	3"	2"	230	12.0	3	20'	M
3RMW20M2-43	27766E024	2	220	46	3"	2"	460	6.0	3	20'	M
3RMW20M2-53	27766E025	2	220	46	3"	2"	575	4.8	3	20'	M
3RMW30M2-21	27766E030	3	240	51	3"	2"	230	19.0	1	20'	M
3RMW30M2-03	27766E031	3	240	51	3"	2"	200	14.7	3	20'	M
3RMW30M2-23	27766E032	3	240	51	3"	2"	230	13.3	3	20'	M
3RMW30M2-43	27766E033	3	240	51	3"	2"	460	6.7	3	20'	M
3RMW30M2-53	27766E034	3	240	51	3"	2"	575	5.2	3	20'	M
3RMW15DM4-01	27769E000	1-1/2	220	26	3"	2-1/2"	200	16.6	1	20'	M
3RMW15DM4-21	27769E001	1-1/2	220	26	3"	2-1/2"	230	15.0	1	20'	M
3RMW15DM4-03	27769E002	1-1/2	220	26	3"	2-1/2"	200	11.0	3	20'	M
3RMW15DM4-23	27769E003	1-1/2	220	26	3"	2-1/2"	230	10.0	3	20'	M
3RMW15DM4-43	27769E004	1-1/2	220	26	3"	2-1/2"	460	5.0	3	20'	M
3RMW15DM4-53	27769E005	1-1/2	220	26	3"	2-1/2"	575	4.0	3	20'	M
3RMW20DM4-01	27769E010	2	250	31	3"	2-1/2"	200	17.7	1	20'	M
3RMW20DM4-21	27769E011	2	250	31	3"	2-1/2"	230	16.0	1	20'	M
3RMW20DM4-03	27769E012	2	250	31	3"	2-1/2"	200	13.0	3	20'	M
3RMW20DM4-23	27769E013	2	250	31	3"	2-1/2"	230	12.0	3	20'	M
3RMW20DM4-43	27769E014	2	250	31	3"	2-1/2"	460	6.0	3	20'	M
3RMW20DM4-53	27769E015	2	250	31	3"	2-1/2"	575	4.8	3	20'	M
3RMW30DM4-21	27769E021	3	280	36	3"	2-1/2"	230	20.0	1	20'	M
3RMW30DM4-03	27769E022	3	280	36	3"	2-1/2"	200	15.0	3	20'	M
3RMW30DM4-23	27769E023	3	280	36	3"	2-1/2"	230	13.5	3	20'	M
3RMW30DM4-43	27769E024	3	280	36	3"	2-1/2"	460	6.8	3	20'	M
3RMW30DM4-53	27769E025	3	280	36	3"	2-1/2"	575	5.5	3	20'	M
3RMW15DM2-01	27767E010	1-1/2	200	40	3"	2"	200	14.8	1	20'	M
3RMW15DM2-21	27767E011	1-1/2	200	40	3"	2"	230	12.8	1	20'	M
3RMW15DM2-03	27767E012	1-1/2	200	40	3"	2"	200	8.8	3	20'	M
3RMW15DM2-23	27767E013	1-1/2	200	40	3"	2"	230	8.0	3	20'	M
3RMW15DM2-43	27767E014	1-1/2	200	40	3"	2"	460	4.0	3	20'	M
3RMW15DM2-53	27767E015	1-1/2	200	40	3"	2"	575	3.2	3	20'	M
3RMW20DM2-01	27767E020	2	220	46	3"	2"	200	17.7	1	20'	M
3RMW20DM2-21	27767E021	2	220	46	3"	2"	230	16.0	1	20'	M
3RMW20DM2-03	27767E022	2	220	46	3"	2"	200	13.0	3	20'	M
3RMW20DM2-23	27767E023	2	220	46	3"	2"	230	12.0	3	20'	M
3RMW20DM2-43	27767E024	2	220	46	3"	2"	460	6.0	3	20'	M
3RMW20DM2-53	27767E025	2	220	46	3"	2"	575	4.8	3	20'	M
3RMW30DM2-21	27767E030	3	240	51	3"	2"	230	19.0	1	20'	M
3RMW30DM2-03	27767E031	3	240	51	3"	2"	200	14.7	3	20'	M
3RMW30DM2-23	27767E032	3	240	51	3"	2"	230	13.3	3	20'	M
3RMW30DM2-43	27767E033	3	240	51	3"	2"	460	6.7	3	20'	M
3RMW30DM2-53	27767E034	3	240	51	3"	2"	575	5.2	3	20'	M

UTILITY PUMPS

When it's time to get down 'n dirty, we're rugged, ready, and rarin' to go. Our line of durable, dependable water disposal pumps can help protect you and your family by transferring sewage and effluent safely away from home. For dirty water, out and confidence, in – insist on Pentair.



THERMOPLASTIC SUBMERSIBLE UTILITY PUMP

MODEL SPS-4

The Myers SPS-4 Thermoplastic Submersible Utility Pump is the ideal solution for a wide range of water drainage and circulation light-duty applications. Shallow flooded areas can be dewatered quickly and efficiently with this powerful and economical utility pump.

APPLICATIONS

Light-duty applications such as flooded basements, flat roofs, and swimming pool covers.

FEATURES

- ◆ **Versatile and Portable Applications:** Use in window wells, basements, rooftops, etc.
- ◆ **High Output Performance:** For removing unwanted water down to 1/16" depth.
- ◆ **Thermoplastic Construction:** For the highest corrosion-resistance.
- ◆ **Includes:** 8' power cord, garden hose adapter.

SPECIFICATIONS

- ◆ **Motor:** 1/4 HP
- ◆ **Capacities:** 25 GPM
- ◆ **Max Head:** 22'
- ◆ **Discharge NPT:** 1"
- ◆ **Volts:** 115V
- ◆ **Full Load Amps:** 8.8
- ◆ **Phase:** 1
- ◆ **Switch:** Manual
- ◆ **Power Cord:** 8'



PERFORMANCE DATA

MODEL	0'	5'	10'	15'	20'	MAX. LIFT	HP
SPS-4	1800 GPH (25 GPM)	1524	1260	924	372	22'	1/4

UTILITY TRANSFER PUMP

MES106-01 SERIES

The Myers MES106 Utility Transfer Pump system solves water transfer needs by removing water from waterbeds, aquariums, non-draining sinks, and water standing on basement floors. The pump's durable construction promotes long pump life, while its compact design provides easy hookup, application use, and storage when not in use.

APPLICATIONS

Ideal for transferring water, filling tanks, and draining shallow flooded areas.



FEATURES

- ◆ Connects to standard garden hose.
- ◆ Up to 5 GPM with 10' Head.
- ◆ Removes standing water down to 1/8" depth.
- ◆ Light Weight - Only 4 pounds.
- ◆ Built-in carrying handle.
- ◆ Includes 6' suction hose and floor drainer.
- ◆ Just attach a standard hose to pump discharge and plug into any 115V outlet.
- ◆ 115VAC with 6' power cord.
- ◆ Air-cooled, high-torque, non-submersible motor with overload protection.

SPECIFICATIONS

- ◆ **Capacities:** 6 GPM, 22.7 LPM
- ◆ **Shut-Off Head :** 43', 13.1 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
- ◆ **Housing:** Cast aluminum
- ◆ **Impeller:** Proprietary synthetic rubber
- ◆ **Wear Ring:** 304 Stainless Steel
- ◆ **Power Cord:** 6'

ORDERING INFORMATION

CATALOG NUMBER	VOLTS	HZ	GPM	CORD LENGTH	APPROX. WT. LBS
MES106-01	115	60	6	6'	4 lbs.

UTILITY PUMP

MODEL MUSP-125

The Myers MUSP-125 Utility Pump is ideal for basement wet bars, laundry and utility sinks.



Tested & Certified
to CSA 108.

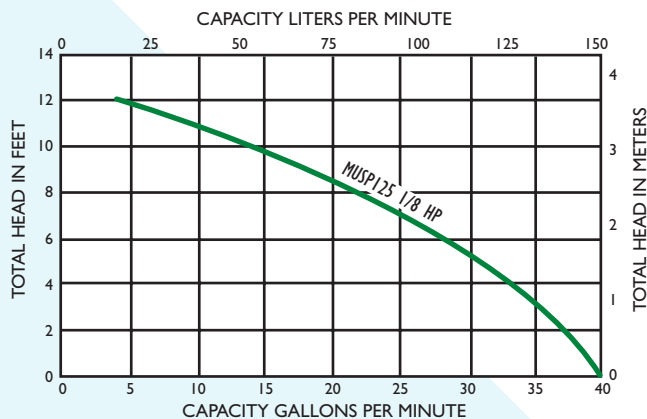
FEATURES

- ◆ Designed to be used with a sink where gravity drain line is not available.
- ◆ Fully automatic operation.
- ◆ Complete, compact system.
- ◆ Easy to install. Easily mounts beneath your sink. Eliminates the need for traps, vents, and costly labor.
- ◆ Quiet, trouble-free operation.
- ◆ Includes pump assembly, one-way valve, discharge shut-off/flow balancing valve, and strainer cup.
- ◆ CSA listed.

SPECIFICATIONS

- ◆ **Capacities:** 40 GPM, 151.4 LPM
- ◆ **Shut-Off Head :** 14', 4.27 m
- ◆ **Liquids Handling:** Drain Water
- ◆ **Intermittent Liquid Temp.:** Up to 120°F, Up to 50°C
- ◆ **Weight:** 15 lbs.
- ◆ **Motor:** 1/3 HP
- ◆ **Electrical:** 115V, 4A, 1Ø, 60Hz
- ◆ **Housing:** Thermoplastic
- ◆ **Power Cord:** 8' Three-Prong, SJTW

PERFORMANCE



ORDERING INFORMATION

MODEL NUMBER	ENGINEERING NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MUSP125	27546A000	1/3	40	14	1-1/4"	-	115	4.0	1	8'	A

STAINLESS STEEL UTILITY PUMP

MODEL DU25

The Myers DU25 1/4 HP Stainless Steel Utility Pump is ideal for dewatering shallow flooded areas such as basements, window wells, rooftops, ponds, and stock tanks.



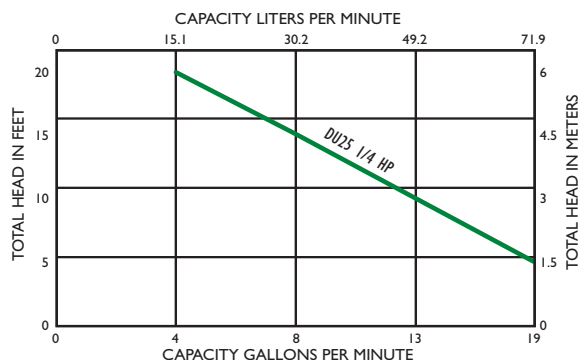
FEATURES

- ◆ Pumps up to 19 GPM.
- ◆ Extra durable for heavy-duty use.
- ◆ Includes 1" x 3/4" garden hose adapter.
- ◆ Pumps standing water down to 1/8".
- ◆ Rated for continuous duty.
- ◆ CSA listed.

SPECIFICATIONS

- ◆ **Capacities:** 19 GPM, 71.9 LPM
- ◆ **Shut-Off Head :** 23', 7 m
- ◆ **Operations:** Manual
- ◆ **Pump-Down Range:** 3/8" 9.5 mm
- ◆ **Solids Handling:** 1/8" 3.2 mm
- ◆ **Liquids Handling:** Clear Water
- ◆ **Continuous Liquid Temp.:** 77° F 22° C
- ◆ **Motor:** 1/4 HP, PSC
- ◆ **Electrical:** 115V, 60Hz, 2.5A, 3450 RPM
- ◆ **Mechanical Seal:** Dual lip seal with ceramic shaft sleeve
- ◆ **Housing:** Stainless steel
- ◆ **Impeller:** Polyphenylene oxide
- ◆ **Power Cord:** 15' Three-prong, SJTW 18-3
- ◆ **Discharge NPT:** 1-1/4"
- ◆ **Dimensions:** 9"H x 7"W

PERFORMANCE



ORDERING INFORMATION

MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
DU25M1	1/4	19	23	1-1/4"	1/8"	115	2.5	1	15"	A

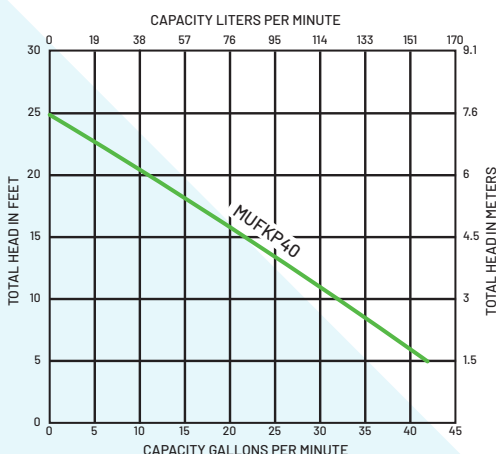
EMERGENCY FLOOD KIT

MUFKP40 SERIES

The Myers MUFKP40 Emergency Flood Kit is designed for easy use and storage. The kit includes a powerful 4/10 HP utility pump, large diameter industrial hose and convenient storage crate with built-in filtration to protect the pump from debris.



PERFORMANCE



ORDERING INFORMATION

MODEL NUMBER	HP	MAX CAPACITY	MAX HEAD	DISCHARGE NPT	SOLIDS HANDLING	VOLTS	FULL LOAD AMPS	PHASE	CORD LENGTH	SWITCH
MUFKP40	4/10	41	25	1-1/2" Cam Lock	1/4"	115	3.0	1	15'	M

FEATURES

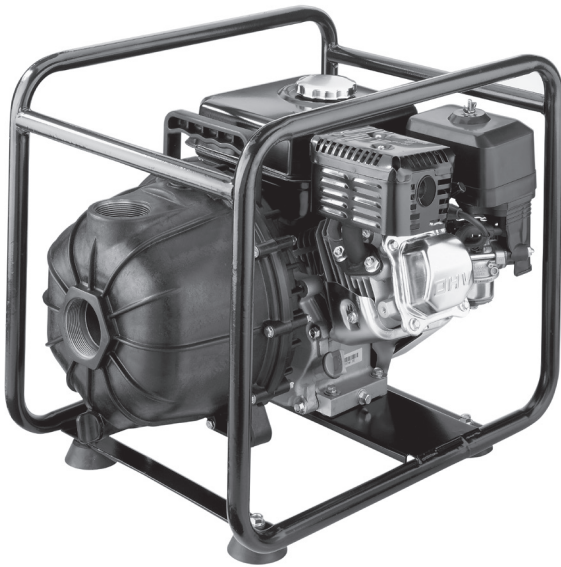
- ◆ **Powerful 4/10 hp pump (mup40):**
 - Up to 41 GPM for quick dewatering.
 - Job site-durable thermoplastic construction.
 - Plug-and-play operation.
 - Debris filtering for long life.
- ◆ **25' Industrial cloth hose (MHC 25):**
 - Large diameter for fast water removal.
 - Quick and secure attachment with corrosion resistant .cam locks.
 - Easy to store when rolled up.
- ◆ **Filtration cage:**
 - Easy storage and transportation
 - Small slots on crate act as filter to protect the pump during use
 - 15.75" (400 mm) L x 11-13/16" (300 mm) W x 12-23/32 (323 mm) H
- ◆ Corrosion-resistant cam locks for quick and secure attachment.

SPECIFICATIONS

- ◆ **Max. Lift:** 25' (7.6 M)
- ◆ **Max. Flow:** 41 GPM (155 LPM)
- ◆ **Solids Handling:** 1/4" (6.4mm)
- ◆ **Discharge:** 1-1/2" cam lock
- ◆ **Power Cord:** 15' (4.5M)
- ◆ **Motor/Electrical Data:** 4/10 HP, 115V, 3A(FLA)

COMPOSITE ENGINE-DRIVEN SELF-DRIVING PUMP

EDP55RV MODEL



Lightweight, corrosion resistant, engineered composite pump construction make this engine-driven pump extremely versatile for applications where electrical power is not available.

Powered by a powerful 6-1/2 HP, PowerPro 4-cycle gasoline engine, rated for continuous-duty, equipped with professional-grade features like an automatic low-oil safety cut, manual throttle, choke and shut-off controls.

Securely mounted within a rugged steel framed roll cage, reinforced with steel cross-members, coated for corrosion resistance, equipped with noise dampening, non-slip rubber feet. Suction lift capability of 25 feet.

APPLICATIONS

Water Transfer and Supply, Sprinkler Turf Irrigation, Dewatering, Fire Protection, Light Agriculture, Commercial, and Marine.

FEATURES

- ◆ Rugged light weight design.
- ◆ Corrosion resistant composite pump construction.
- ◆ Chemical resistant viton seals, O-rings with stainless steel fasteners.
- ◆ Built in check valve.

SPECIFICATIONS

- ◆ **Body:** Reinforced corrosion resistant thermoplastic
- ◆ **Impeller:** Polymer
- ◆ **Diffuser:** Reinforced corrosion resistant thermoplastic
- ◆ **Seals:** Viton mechanical
- ◆ **O-Rings:** Viton
- ◆ **Check Valve:** Viton
- ◆ **Roll Cage:** Coated steel frame with cross member and stay-in-place (no-slip) rubber feet
- ◆ **Engine:** 6-1/2 HP
- ◆ **Dimensions:** 21"H x 17"D x 21"L
- ◆ **Fasteners:** 300 Grade stainless steel

ACCESSORIES

Suction Hose Kit: Built-in 2" NPTF swivel fitting and 2" NPTM fitting for easy hookup; coil reinforced wall prevents collapse; includes aluminum suction screen to prevent debris from reaching pump.

Discharge Hose Kit: Built-in 2" NPTF swivel fitting and 2" NPTM fitting for easy hookup; collapsible for easy roll-up and storage; reinforced wall adds durability.

ORDERING INFORMATION

CATALOG NUMBER	HP	DESCRIPTION	PIPE TAPPING SIZES		APPROX. WT. LBS./KG.
			SUCTION	DISCHARGE NPT	
EDP55RV	6-1/2	Engine-driven pump w/roll cage	2" NPT	2" NPT	46/20.9

ACCESSORIES

CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS./KG.
FP2735	2" x 15' Suction Hose Kit	15/6.8
FP2731	2" x 25' Discharge Hose Kit	6/2.7



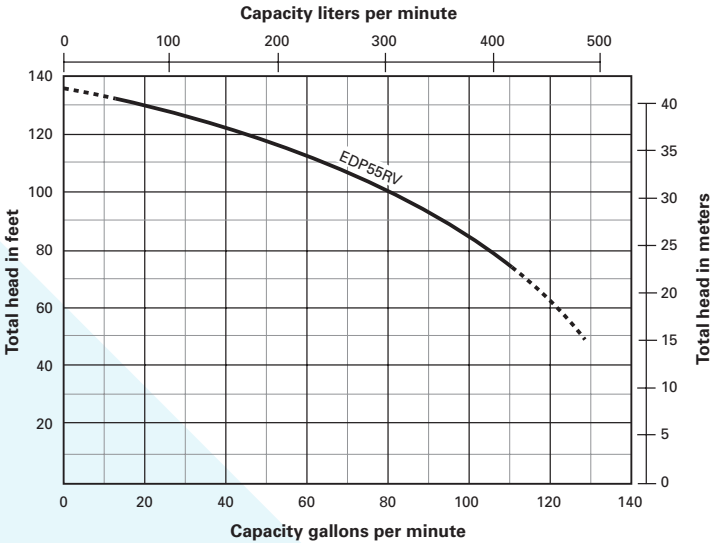
FP2735 Suction Hose Kit



FP2731 Discharge Hose Kit

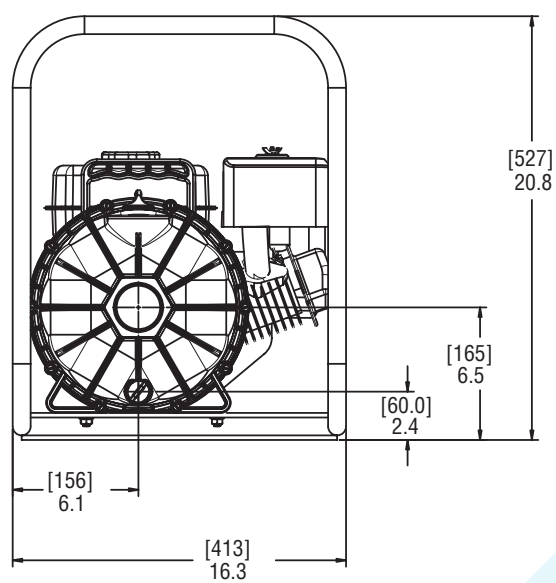
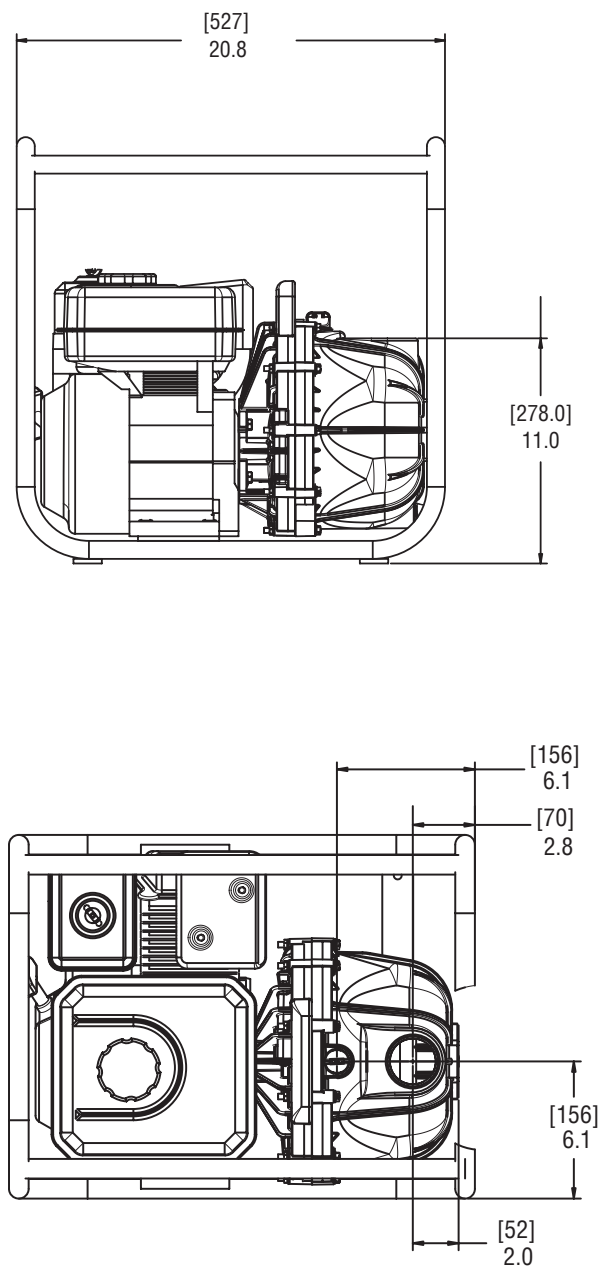
In order to provide the best products possible, specifications are subject to change.

OUTLINE DIMENSIONS



COMPOSITE ENGINE-DRIVEN SELF-PRIMING PUMP

PUMP PERFORMANCE



Dimensions (in inches) are for estimating purposes only.

SPECIAL PURPOSE PUMPS

EPP SERIES - ELEVATOR PUMP CONTROL SYSTEM

APPLICATIONS

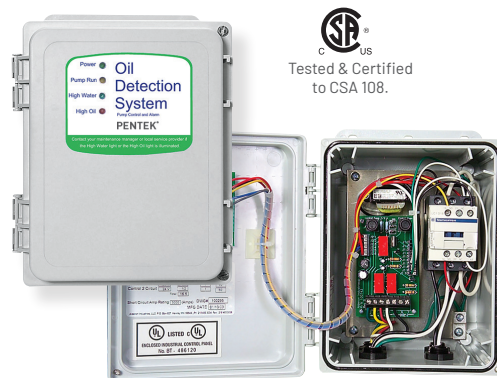
For Sewage, Effluent, and Grinder Pumps.

FEATURES

- ◆ The Pentair Pentek EPP Series Elevator Pump Control System is approved for oil/water detection in applications where oil and hydrocarbons are prohibited from being released into the environment. The system is designed to provide pumping, monitoring and alarm in garages, elevator sump pits, transformer vaults and substations. The elevator pump control activates the pump for removal of water from elevator pits in accordance with ASME17.1.

CONTROL OPERATION

- ◆ On water rise, fluid level reaches pump "start" probe to activate the pump. Pump remains on until fluid level is below the "off" probe. The "off" probe senses air or oil and turns the pump off so the oil layer (if present) will not be pumped out of the sump. If the liquid level reaches the "alarm" probe and mechanical float, the system will differentiate between water and oil and activate the remote alarm.
- ◆ The control will also shut down the pump before discharging harmful substances.
- ◆ Control panel with separate pump and control circuits, NEMA 1 Enclosure; 8.75"H x 6.5"W x 5"D
- ◆ Plug-in for quick and easy installation
- ◆ Remote alarm
- ◆ Multiple indicator lights: power on, pump run, high water, and high oil indicators
- ◆ One preset sensor for easy installation, no field adjustment necessary
- ◆ UL and CSA listed



Tested & Certified
to CSA 108.

MODEL NUMBER	SRA-320
EPC-115	Elevator Pump Control 115V Alarm
ME50S-11	1/2HP Effluent Pump

*Suggested pump models are sold separately from EPC-115

SRA LIFT-OUT SYSTEM

1-1/4" TO 3" LIFT-OUT RAIL SYSTEMS

APPLICATIONS

For sewage, effluent, and grinder pumps.

FEATURES

- ◆ Lift-out rail system offers ease of service and re-installation.
- ◆ Eliminates need to disassemble piping to remove pump.
- ◆ No need for personnel to enter basin when service is required.
- ◆ Offered with or without check valve.
- ◆ Dual rail guides pump to automatic leak-proof connection and to the surface.
- ◆ Handles 1-1/4" to 3" discharge pumps.
- ◆ Corrosion-resistant construction for long life and ease of service.
- ◆ Heavy-duty cast iron construction.
- ◆ Positive machine fit with O-ring seal.
- ◆ Choice of galvanized or stainless steel brackets for sewage or effluent service ensures parts will not corrode together.

SYSTEM INCLUDES

- ◆ Mounting base
- ◆ Lift-out elbow with check valve
- ◆ Guide plate
- ◆ Fasteners and O-rings



Pump not included

SPECIFICATIONS

Model Number	SRA-125	SRA-150	SRA-200	SRA-300	SRA-320
Elbow Size	1-1/4" x 2"	1-1/2" x 2"	2" x 2"	3" x 3"	2" x 3"
Guide Plate	SST	Galv/SST	Galv/SST	Galv/SST	Galv/SST
Lift-Out Elbow w/Check Valve	Cast iron**	Cast iron	Cast iron	Cast iron	Cast iron
Mounting base	Cast iron	Cast iron	Cast iron	Cast iron	Cast iron
Fasteners	SST	SST	SST	SST	SST
O-Rings	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N
Guide Rails*	1" SST	3/4" SST	3/4" SST	3/4" SST	3/4" SST
Top Rail Support*	TRS-100	TRS-75	TRS-75	TRS-75	TRS-75
Chain*	Galv/SST	Galv/SST	Galv/SST	Galv/SST	Galv/SST

*Must be ordered separately

**Bronze for explosion-proof

SST=Stainless Steel

Note: The SRA is available with and without check valve.

SIMPLEX, DUPLEX, INDOOR AND OUTDOOR CONTROL PANELS

CE, CMEP, AND CMW

FEATURES

- ◆ Quality electrical components assure reliable automatic pump operation.
- ◆ For 1/4 -7 HP sump, sewage and effluent pumps.
- ◆ IEC horsepower-rated contactors (1Ø) and motor starters (3Ø).
- ◆ 3Ø starters with ambient-compensated quick-trip overloads.
- ◆ Includes alternating and override relays to maximize pump wear.
- ◆ Designed for use with off-on alarm (simplex) and off-on lag-alarm (duplex) mercury switches (not included with panel).
- ◆ Corrosion resistant for long life.
- ◆ Weather tight NEMA 4X fiberglass enclosure with outdoor panels.
- ◆ Indoor NEMA 1 panels are enamel-coated galvanized steel.
- ◆ Meets NEC safety standards.
- ◆ UL-508 approved panel designs.
- ◆ Outdoor NEMA 4X panels include standard high water alarm light.
- ◆ Indoor NEMA 1 panels include standard high water alarm buzzer.

PANEL OPTIONS

- ◆ Elapsed time meter
- ◆ Alarm horn with silence switch
- ◆ Auxiliary contacts
- ◆ Condensation heater
- ◆ Convenience outlet
- ◆ Intrinsically safe relays
- ◆ Lightning arrestor
- ◆ Full inner door
- ◆ Cycle counter
- ◆ 24V control circuitry
- ◆ Transfer switch/generator receptacle
- ◆ Pump delay circuitry
- ◆ Low level cut-off and alarm
- ◆ Phase loss circuitry
- ◆ Low voltage circuitry
- ◆ Additional options available



LEVEL CONTROLS



SMFNO, SMFNC, AND SMFXNO MERCURY-FREE FLOAT CONTROLS

- ◆ Available with normally open, normally closed, and intrinsically safe normally open contact configurations
- ◆ For use with Myers control panels
- ◆ Available in 15' cable lengths



20VM SJE VERTICAL MASTER PUMP SWITCH

- ◆ Piggyback plug with 20' cord length
- ◆ Available in 115V or 230V plug / configurations
- ◆ Rated at 13A for 115V or 230V, single-phase use
- ◆ Stainless steel pipe mounting bracket
- ◆ Vertical pumping range of 3/4" to 6-1/2"



MFLC WIDE-ANGLE MERCURY-FREE MECHANICAL FLOAT CONTROLS

- ◆ 25', 18/3 SJOW cord with stabilization weight
- ◆ Rated at 3A for 115V or 230V pilot duty use 3-1/3" ABS float
- ◆ Has 1 each normally opened and normally closed circuit
- ◆ Use with CE control panels



MFS SERIES PUMP SWITCH

- ◆ Environmentally friendly mechanical switching uses no mercury
- ◆ Time-proven, dependable, snap-action switch is activated by rolling ball and double lever arm; you can hear it operate
- ◆ No mercury to ball or separate, no inert gas precharge to lose
- ◆ Wide-angle operation can be adjusted to give variable draw-off
- ◆ Heavy-duty rated 1/2 HP, 115V or 230V
- ◆ Series tap plug allows manual or automatic piggyback operation



ALC-18 PIGGYBACK SWITCHES

- ◆ Available in 115V or 230V plug configurations
- ◆ Handles up to 1/2 HP-115V or 1 HP-230V single-phase pumps
- ◆ Pump-down range adjustable by moving weights to desired levels
- ◆ Standard wiring is normally open, but can be wired normally closed
- ◆ AWS-1 and AWSU-1 versions have built-in connection boxes



DIAPHRAGM PRESSURE SWITCH

- ◆ Compact design is perfect for small diameter basins
- ◆ Designed for ease of service
- ◆ Encapsulated in an engineered plastic housing
- ◆ Vented cord with a piggyback plug-in connector
- ◆ Available in a variety of settings for various sump, effluent and sewage applications
- ◆ Eliminates concerns about moving parts becoming entangled
- ◆ 15 AMP rating max

ALARMS, BOXES & CHECK VALVES

FEATURES

- ◆ **SA-1/OSA-1 Sump Alarms:** Installs in minutes, quick-connect terminal block, corrosion-resistant construction, indoor: NEMA 1 enclosure; outdoor: NEMA 4 enclosure and audible and visual (OSA-1) alarms.
- ◆ **Includes Three Power Modes:** Works during power failure*, 120V power source, 9V battery source* (battery not included), 120V with 9V back-up*.
- ◆ **Check Valves (CV-150 Shown):** Thermoplastic check valve with reversible connection sleeves for adapting to 1-1/4" or 1-1/2" pipes.
- ◆ **CV-200P and CV-300P (Not Shown):** Compression-type 2" and 3" check valves.
- ◆ **CV-200 and CV-300 (Not Shown):** Cast iron 2" and 3" check valves with NPT threaded connections.

*Model SA-1 Only



CA-SS4 ALARM AND CONNECTION BOX

- ◆ NEMA 1 enclosure; with audible alarm, off/on test switch



SIMPLEX, DUPLEX STRUCTURAL FOAM JUNCTION BOXES

- ◆ Tethered cover and encapsulated screws; with cord grips, sealing compound and adhesive



IRON CAULKING AND COMPRESSION-TYPE HUBS

- ◆ Available for 4" and 6" cast iron and PVC pipe



DISCHARGE AND CONDUIT FLANGES

- ◆ Available for 4" and 6" cast iron and PVC pipe

FLEXIBLE RUBBER INLET HUBS

- ◆ Available for 4" and 6" PVC pipe (Specify Schedule 40 or SDR 35)

BASINS AND COVERS

- ◆ Size range meets many pump applications
- ◆ 18" x 30" structural foam basins; cast iron orb flexible inlet hubs; one- or two-piece structural foam covers; 2" or 3" discharge, 2" or 3" vent

- ◆ IAPMO Approved
- ◆ 18" x 30" polypropylene basins; steel one- or two-piece covers; 2" or 3" discharge, 2" or 3" vent; 4" cast iron or flexible inlet hubs
- ◆ 24" x 36" and 30" x 48" FRP fiberglass basins
- ◆ Steel cover with separate simplex or duplex pump covers; 2" or 3" discharge, 2" or 3" vent

CONTROLS

FOR USE WITH COMMERCIAL GRINDERS AND VORTEX PUMPS

FEATURES

FULL-FEATURED PANELS (CPGVF)

- ◆ Molded inner dead front door.
- ◆ 4-line LCD screen HMI on inner door.
- ◆ Accommodates field-installable auto dialer (not included with panel).
- ◆ 0-5 VDC transducer analog auxiliary signal – SCADA.
- ◆ Auxiliary contacts – for SCADA or auto dialer
 - High level – Pump overload
 - Power loss – Pump seal
- ◆ Seal fail and thermal overload cut out circuits.
- ◆ Run-dry protection.
- ◆ Pump circuit breakers, IEC magnetic contactors/overloads (1Ø).
- ◆ Motor circuit breakers/overloads, IEC magnetic contactors (3Ø)*Model SA-1 Only.

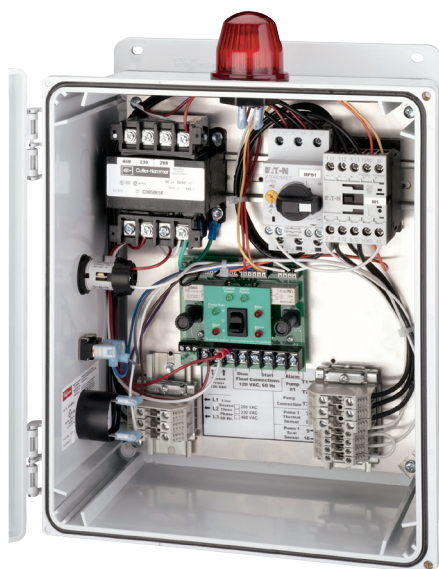
SIMPLEX AND DUPLEX PANELS

QUALITY ELECTRICAL COMPONENTS ASSURE RELIABLE AUTOMATIC PUMP OPERATION

- ◆ Corrosion resistant NEMA 4X Poly-pro enclosure
- ◆ Includes alternating and override controls
- ◆ Off-on alarm capable
- ◆ Hands off auto control
- ◆ Alarm beacon
- ◆ Alarm buzzer & exterior silence/test switch
- ◆ Multi-tap control transformers (3Ø)
- ◆ Meets NEC safety standard
- ◆ UL-508a approved panel designs

STANDARD PANELS (CPGV)

- ◆ IEC contactors and overloads
- ◆ Pump run LEDs
- ◆ Float status LEDs
- ◆ Unique system check test switch
- ◆ Seal leak indicator
- ◆ Pump circuit breakers



V AND VR SERIES WARRANTY

Pentair Myers® warrants its V and VR series grinders against defects in material and workmanship for a period of 24 months from the manufacturing date, or 36 months from the manufacturing date with completion of a start-up report within 30 days of installation. Product must be properly installed, serviced and operated in compliance with the manufacturer's instruction manuals.

During the warranty period and subject to the conditions set forth, Pentair Myers, at its discretion, will repair or replace to the original user, the parts that prove defective in materials and workmanship. Pentair 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 prior sold and/or shipped units.

Start-up reports and electrical schematics may be required to support warranty claims. Submit at the time of start-up through the Pentair Myers website: <http://forms.pentairliterature.com/startupform/startupform.asp?type=m>. All seal fail and heat sensing devices must be connected, functional and monitored or this warranty will be void. Pentair Myers will cover only the lower seal and labor thereof for all dual seal pumps. Under no circumstance will Pentair Myers be responsible for the cost of field labor, travel expenses, rented equipment, removal/reinstallation costs or freight expenses to and from the factory or an authorized Pentair Myers service facility.

This limited warranty will not apply:

- a) To defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with the printed instructions provided;
- b) To failures resulting from abuse, accident or negligence;
- c) To failures resulting from excessive sand, lime, cement, gravel or other abrasive materials
- d) To failures caused by scale or corrosion build-up due to excessive hydrocarbons or chemical content
- e) To normal maintenance services and parts used in connection with such service;
- f) To units that are not installed in accordance with applicable local codes, ordinances and good trade practices;
- g) If the unit is moved from its original installation location;
- h) If unit is used for purposes other than for what it is designed and manufactured;
- i) To any unit that has been repaired or altered by anyone other than Pentair Myers or an authorized Pentair Myers service provider;
- j) To any unit that has been repaired using non factory specified/OEM parts.

Warranty Exclusions: PENTAIR MYERS MAKES NO EXPRESS OR IMPLIED WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. PENTAIR MYERS SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

Liability Limitation: IN NO EVENT SHALL PENTAIR MYERS BE LIABLE OR RESPONSIBLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES RESULTING FROM OR RELATED IN ANY MANNER TO ANY PENTAIR MYERS PRODUCT OR PARTS THEREOF. PERSONAL INJURY AND/OR PROPERTY DAMAGE MAY RESULT FROM IMPROPER INSTALLATION. PENTAIR MYERS DISCLAIMS ALL LIABILITY, INCLUDING LIABILITY UNDER THIS WARRANTY, FOR IMPROPER INSTALLATION. PENTAIR MYERS RECOMMENDS INSTALLATION BY PROFESSIONALS.

Some states do not permit some or all of the above warranty limitations or the exclusion or limitation of incidental or consequential damages and therefore such limitations may not apply to you. no warranties or representations at any time made by any representatives of Pentair Myers shall vary or expand the provision hereof.

WARRANTY

Myers warrants to the original consumer purchaser ("Purchaser" or "You") of the products listed below, that they will be free from defects in material and workmanship for the Warranty Period shown below.

Product	Warranty Period whichever occurs first:
Jet pumps, small centrifugal pumps, submersible pumps and related accessories	12 months from date of original installation, or 18 months from date of manufacture
Fibrewound Tanks	5 years from date of original installation
Steel Pressure Tanks	5 years from date of original installation
Sump/Sewage/Effluent/Utility/Battery Backup Products	36 months from date of manufacture
Wastewater Solids Handling Pumps	12 months from date of shipment from factory or 18 months from date of manufacture

Our warranty applies only where such products are used in compliance with the requirements of the applicable product catalog and/or manuals. For additional information, please refer to the applicable standard limited warranty featured in the product manual.

Our warranty will not apply to any product that, in our sole judgement, has been subject to negligence, misapplication, improper installation, or improper maintenance. Without limiting the foregoing, operating a three phase motor with single phase power through a phase converter will void the warranty. Note also that three phase motors must be protected by three-leg, ambient compensated, extra-quick trip overload relays of the recommended size or the warranty is void.

Your only remedy, and MYERS's only duty, is that MYERS repair or replace defective products (at MYERS's choice). You must pay all labor and shipping charges associated with this warranty and must request warranty service through the installing dealer as soon as a problem is discovered. No request for service will be accepted if received after the Warranty Period has expired. This warranty is not transferable.

MYERS SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR CONTINGENT DAMAGES WHATSOEVER.

THE FOREGOING LIMITED WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE FOREGOING LIMITED WARRANTIES SHALL NOT EXTEND BEYOND THE DURATION PROVIDED HEREIN.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on the duration of an implied warranty, so the above limitations or exclusions 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.

This Limited Warranty is effective January 1, 2021 and replaces all undated warranties and warranties dated before January 1, 2021.



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**PURCHASE PENTAIR
PRODUCTS**



GET REWARDS



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Become a member of our loyalty program and start earning rewards from the following product categories: Agriculture & Irrigation; Water Supply; and Sump, Sewage & Effluent.

POWERUP >>

Our Pentair Pro App and Dealer Locator will help grow your business and take it to the next level.

REWARDS >>

Use your earned points to invest in your business with Visa® cards, gift cards, Pentair Bucks, or redeem items from our reward catalog and company store.

PARTNERUP >>

By partnering up with us you earn benefits in financing, promotions, extended warranties, labor agreements, Pentair Pentek Profit Protector and business discounts.

Only Pentair Pro Dealers receive an extended warranty on some of the most popular Pentair products. Visit pentairprodealer.com for the complete list of product warranties.

For all our dealers, if you have to pull one of our Pentair Pentek Motors, we reimburse you for your valuable time. Please contact your distributor or Pentair sales representative for more information.



Tested & Certified to UL778
and CSA 108.

3 Year Warranty



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