

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

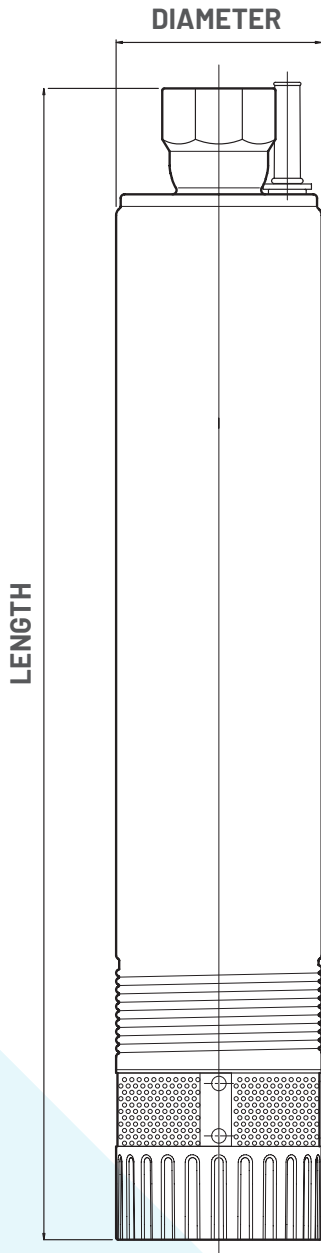


ORDERING INFORMATION

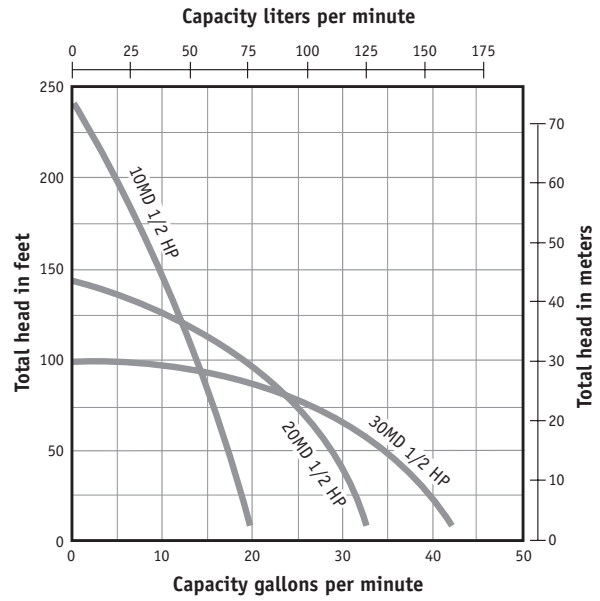
CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
10MD05121	1/2	115	1	11	1-1/4"	Manual	10'	19
20MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19
30MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19

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)



293 Wright St
Delavan, WI 53115
Ph: 888.987.8677
Fx: 800.426.9446

490 Pinebush Rd, Unit 4
Cambridge, Ontario N1T 0A5, Canada
Ph: 800.363.7867
Fx: 888.606.5484

pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

©2023 Pentair. All Rights Reserved.

M9026SSE (08-01-23)