

# 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

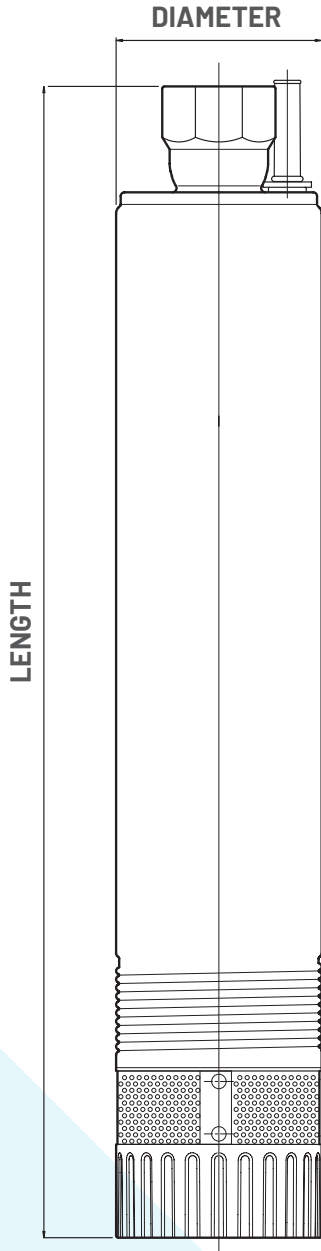


### ORDERING INFORMATION

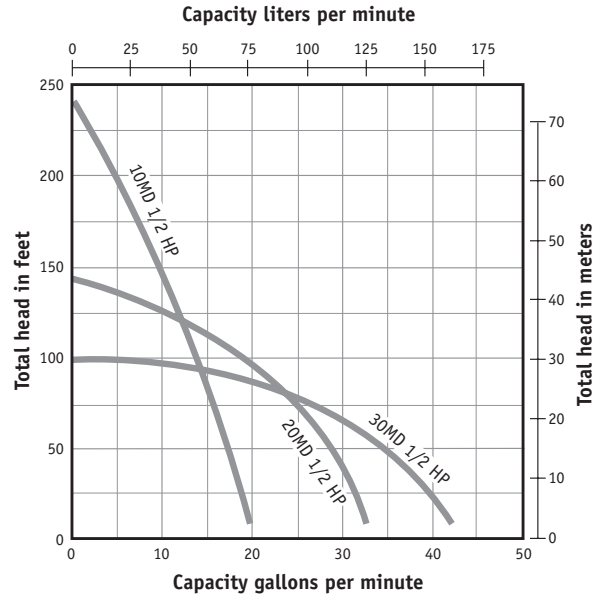
CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
10MD05121	1/2	115	1	11	1-1/4"	Manual	10'	19
20MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19
30MD05121	1/2	115	1	9.5	1-1/4"	Manual	10'	19

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## 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)



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