

MYERS® 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, cistern

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 Temperature – 86°F (30°C)
Motor/Electrical Data – Dry-wound, double ball bearing, double-seal, thermal overload protected, 115V, 1Ø, 60Hz
Specific Gravity – .9-1.1
Viscosity – 28-35 SSU
Discharge, NPT – 1-1/4"
Housing – Stainless steel and composite
Power Cord – 10' (30 m), 300V, 2-wire with ground, SJTW-A, SJTW

FEATURES

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

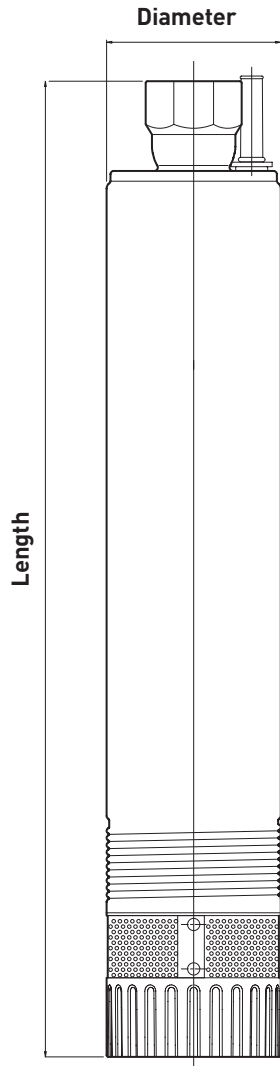
ORDERING INFORMATION

| Catalog Number | HP | Volts | Phase/Cycles | Amps | Discharge Size | Switch Type | Cord Length | Approx. Wt. Lbs. |
|----------------|-----|-------|--------------|------|----------------|-------------|-------------|------------------|
| 10MD05121 | 1/2 | 115 | 1/60 | 11 | 1-1/4" | Manual | 10' | 19 |
| 20MD05121 | 1/2 | 115 | 1/60 | 9.5 | 1-1/4" | Manual | 10' | 19 |
| 30MD05121 | 1/2 | 115 | 1/60 | 9.5 | 1-1/4" | Manual | 10' | 19 |

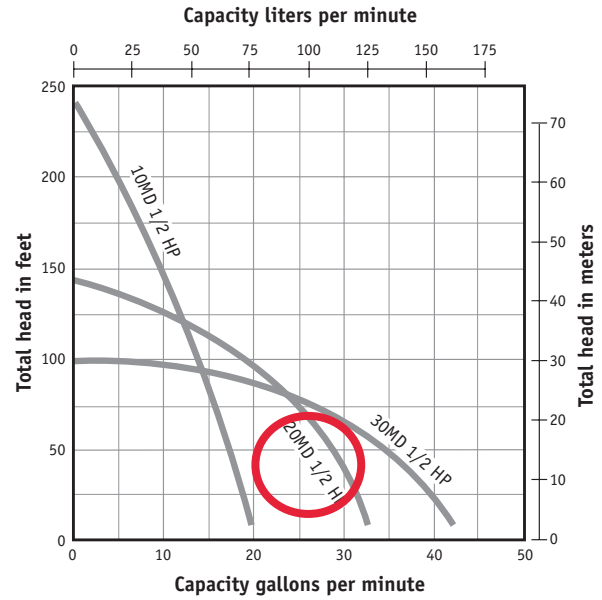
EFFLUENT PUMPS

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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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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.