

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

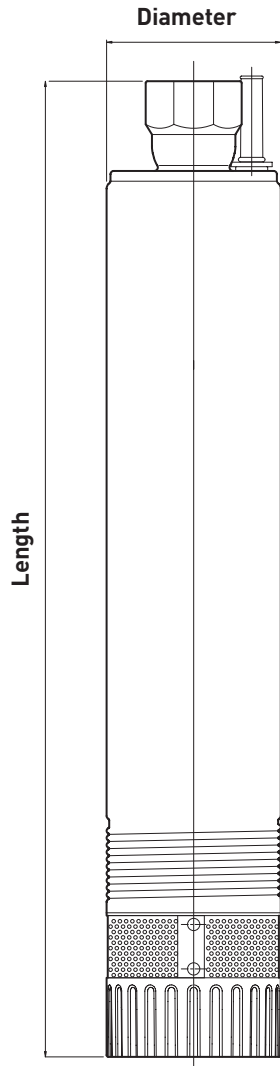
Field-serviceable composite intake screen – allows up to 0.80" solids

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

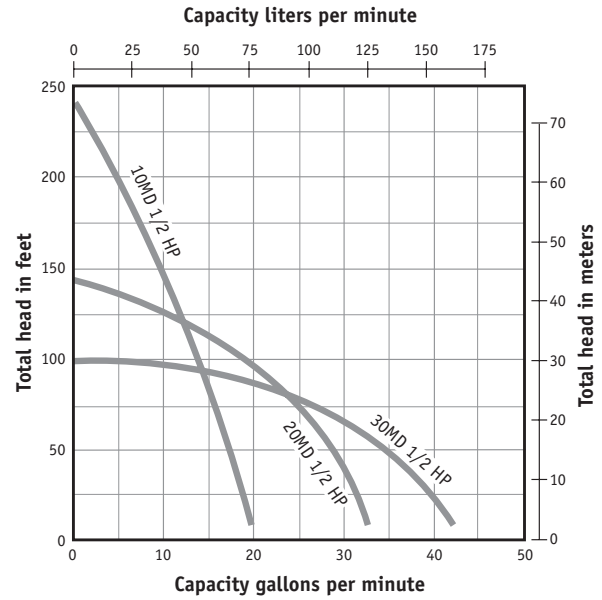
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DIMENSIONS



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)

PUMP PERFORMANCE



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