

RESIDENTIAL CAST IRON SUBMERSIBLE SUMP PUMPS

MCIO SERIES

The Myers MCIO Series are rugged cast iron sump pumps featuring a vortex impeller that provides solids-handling capability up to 1/2". Product is available in 115 Volt single phase 60 Hz. Pump discharge is 1-1/2" NPT. 2-pole float switch for minimum 10" diameter sumps. Manual models also available.

APPLICATIONS

Residential basement sumps, dewatering, light effluent and water transfer.



FEATURES

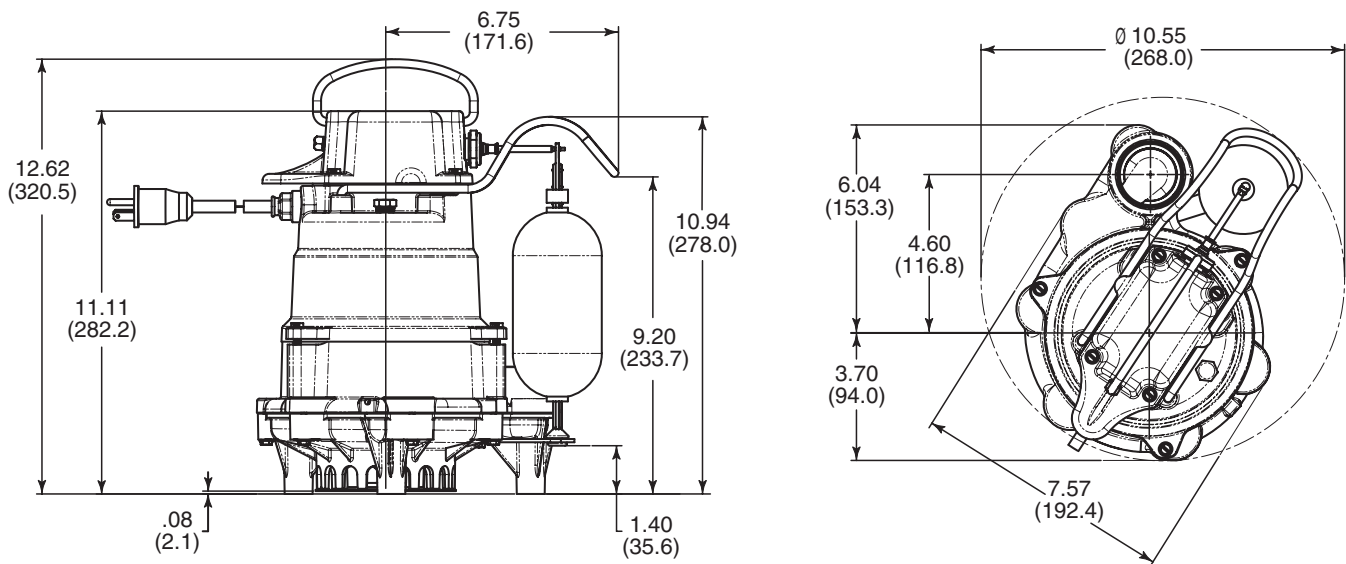
- ◆ **Easy Fit**
2-pole switch design allows for operation in sump diameters of 10" or more.
- ◆ **Reliable and Tough**
Rugged, oil-cooled motor provides continuous bearing lubrication and maximizes heat dissipation.
- ◆ **Extended Service**
Lubricated ball bearings and shaft seal for longer service life.
- ◆ **Eliminates Failures**
Shaded pole motor eliminates failure-prone switches and relays.
- ◆ **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 safe operating temperature.
- ◆ **No Drilling Required**
Anti-airlock hole in base reduces added labor.
- ◆ **Easy Serviceability**
Pump, intake screen volute base, switch and power cord are serviceable.

SPECIFICATIONS & PERFORMANCE

CAPACITIES	MCI033 - 48 GPM (182 LPM) , MCI050 - 62 GPM (235 LPM)
SHUT-OFF HEAD	24' (7.3 m)
FLOAT SWITCH ON/OFF DIMENSIONS	On: 9" (229 mm), Off: 4" (102 mm)
FLOAT SWITCH OPERATION	Automatic
SOLIDS HANDLING	1/2" (12.7 mm)
LIQUIDS HANDLING	Sump dewatering & effluent drainage
CONTINUOUS LIQUID TEMPERATURE	130°F (54°C)
MOTOR ELECTRICAL DATA	MCI033 - 98.A, MCI050 - 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	Fiberglass reinforced polypropylene or cast iron
IMPELLER	Fiberglass-reinforced Noryl® with threaded brass insert
EXTERIOR HARDWARE	Stainless steel
POWER CORD	10' (3 m), 16/3, SJTW-A, SJTW Or 20' (6m)
DISCHARGE, NPT	1-1/2"
MIN. BASIN DIAMETER	10" (25.4 cm)

DIMENSIONS

MCI0 SERIES

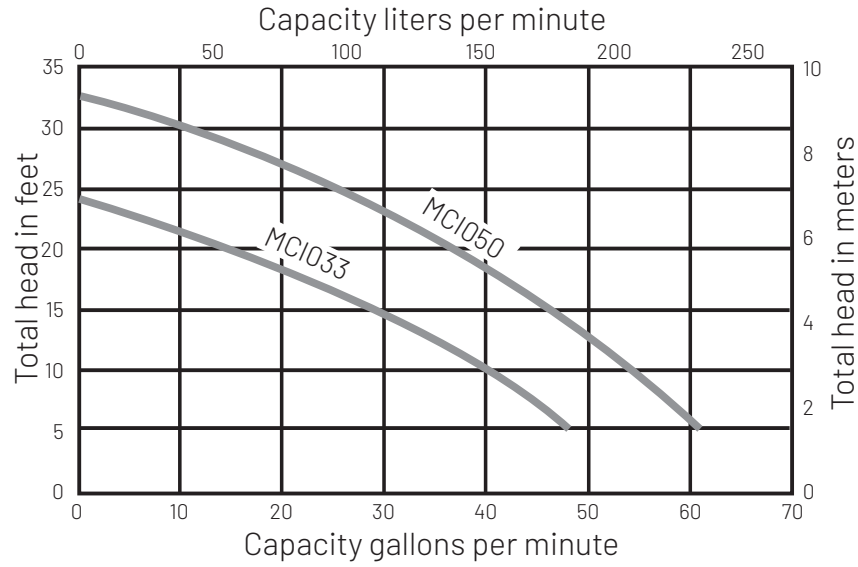


ORDERING INFORMATION

MODEL	CORD LENGTH	LOWER CASING VOLUTE MATERIAL	VOLTS	PHASE	AMPS	DISCHARGE	SWITCH
MCI033	10' (3.1 m)	Engineered Polymer	115	1	9.8	1-1/2" NPT	Vertical
MCI03320	20' (6.1 m)	Engineered Polymer	115	1	9.8	1-1/2" NPT	Vertical
MCI033CI	10' (3.1 m)	Cast Iron	115	1	9.8	1-1/2" NPT	Vertical
MCI050	10' (3.1 m)	Engineered Polymer	115	1	12.0	1-1/2" NPT	Vertical
MCI05020	20' (6.1 m)	Engineered Polymer	115	1	12.0	1-1/2" NPT	Vertical
MCI050CI	10' (3.1 m)	Cast Iron	115	1	12.0	1-1/2" NPT	Vertical

*Rest of pump is Cast Iron

PUMP PERFORMANCE



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