

# RESIDENTIAL EFFLUENT AND DRAIN WATER PUMPS

## ME40 SERIES

The Myers ME40 Series Effluent Pumps are one of the industry's most efficient models featuring a 4/10 HP motor. This powerful pump provides the flow and head required for demanding dosing systems and drainage applications. The ME40 incorporates a combined cast iron, engineered thermoplastic, and stainless steel to produce a powerful and highly durable pump. Available with automatic float switch or manual models for use with external controls for precision dosing installations.

### APPLICATIONS

Residential effluent removal, sump drainage, water transfer, and flood control.

### FEATURES

- ◆ **Efficient Dosing:** Two-vane cast iron impeller design provides maximum dosing efficiency.
- ◆ **Powerful Torque:** High-torque, permanent split capacitor (PSC) motor. No starting switches or relays to wear out.
- ◆ **Rugged and Cool:** Rugged-built, oil-filled motor for continuous bearing lubrication and maximum heat dissipation.
- ◆ **Seal Protection:** Lower ball bearing and heavy duty Type 6 seal for added pump life.
- ◆ **Automatically Better:** Field-tested, wide-angle, mercury-free float switch provides maximum drawdown (automatic models only).
- ◆ **Dual Operation:** Automatic float switch or manual operation by plugging directly into outlet.
- ◆ **Thermal Protection:** Heat sensor overload protection with automatic reset when motor cools to a safe operating temperature.



Tested & Certified to UL778 and CSA 108.

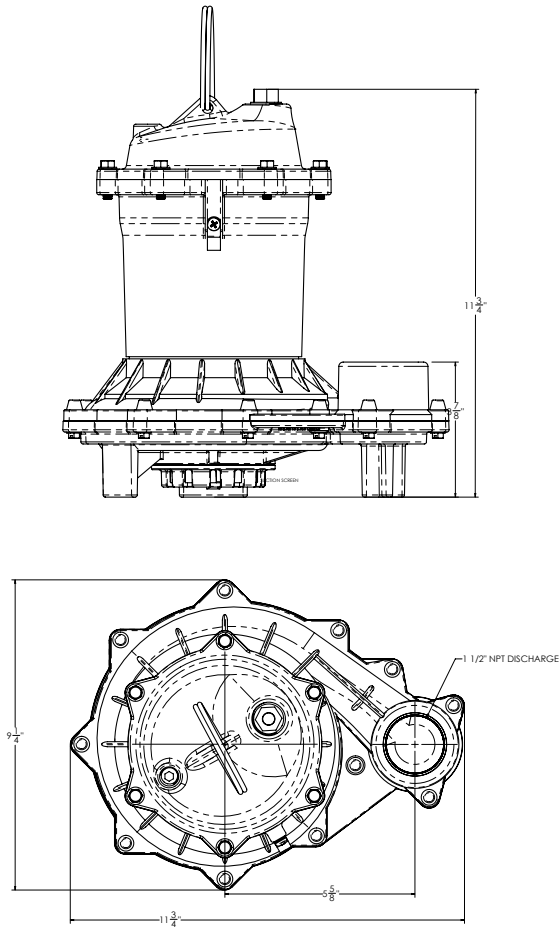
**3 Year Warranty**

### SPECIFICATIONS

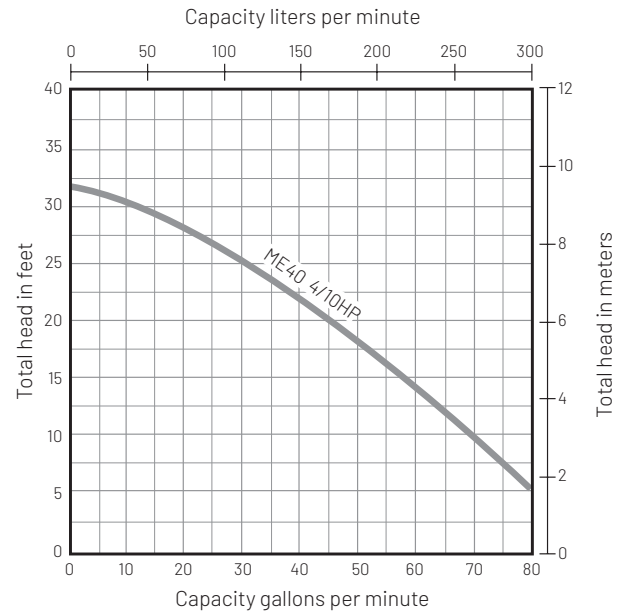
- ◆ **Capacities:** 80 GPM (303 LPM)
- ◆ **Shut-Off Head:** 32' (9.75 m)
- ◆ **Operation:** Manual or automatic
- ◆ **Max. Spherical Solids:** 3/4" (19 mm)
- ◆ **Liquids Handling:** Domestic effluent and drain water
- ◆ **Intermittent Liquid Temp.:** Up to 140°F (60°C)
- ◆ **Motor/Electrical Data:** 4/10 HP, 1650 RPM, oil-filled, permanent split capacitor type, 115V, 12A, 1Ø, 60Hz; 230V, 6A, 1Ø, 60Hz
- ◆ **Acceptable pH Range:** 5-9
- ◆ **Specific Gravity:** 9-1.1
- ◆ **Viscosity:** 28-35 SSU
- ◆ **Discharge NPT:** 1-1/2"
- ◆ **Motor Housing:** Cast iron
- ◆ **Casing:** Thermoplastic
- ◆ **Minimum Basin Diameter:** Simplex: 24" (61.0 cm)  
Duplex: 36" (91.4 cm)
- ◆ **Power Cord:** 10' or 20', 16/3, SJTW (3.1 m) and (6.1 m)

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## DIMENSIONS



## PUMP PERFORMANCE



## ORDERING INFORMATION

CATALOG NUMBER	HP	VOLTS	PHASE	AMPS	DISCHARGE NPT	SWITCH TYPE	CORD LENGTH	APPROX WT. LBS
ME40P-1	4/10	115	1	12.0	1-1/2" FNPT	Tethered Automatic	10' (3.1 m)	27 (12.2 kg)
ME40PC-1	4/10	115	1	12.0	1-1/2" FNPT	Tethered Automatic	20' (6.1 m)	28 (12.7 kg)
ME40M-11	4/10	115	1	12.0	1-1/2" FNPT	Manual	10' (3.1 m)	26 (11.8 kg)
ME40MC-11	4/10	115	1	12.0	1-1/2" FNPT	Manual	20' (6.1 m)	27 (12.2 kg)
ME40PC-2	4/10	230	1	6.0	1-1/2" FNPT	Tethered Automatic	20' (6.1 m)	28 (12.7 kg)
ME40MC-21	4/10	230	1	6.0	1-1/2" FNPT	Manual	20' (6.1 m)	27 (12.2 kg)



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