

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.



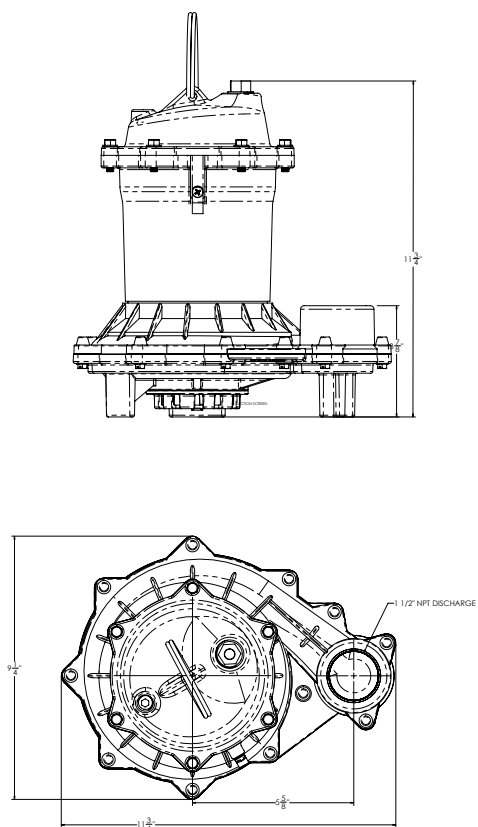
FEATURES

- **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.

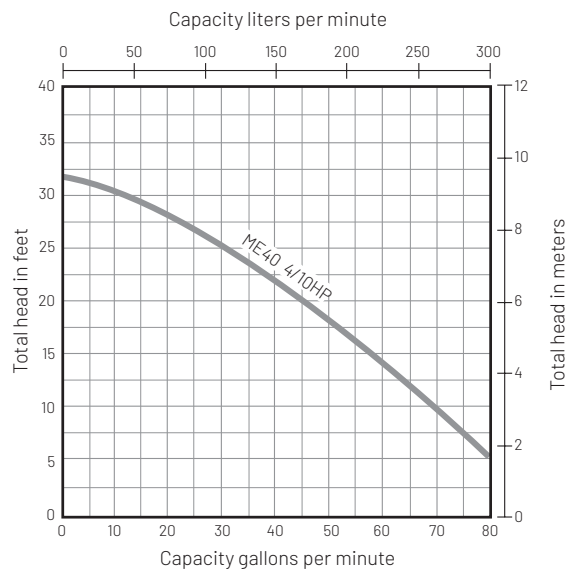
SPECIFICATIONS & PERFORMANCE

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|---------------------------------|--|
| 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 TEMPERATURE | 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) |

DIMENSIONAL DATA



PUMP PERFORMANCE



ORDERING INFORMATION

| CATALOG NUMBER | HP | VOLTS | PHASE/CYCLES | AMPS | DISCHARGE SIZE | SWITCH TYPE | CORD LENGTH | APPROX. WT. LBS |
|----------------|------|-------|--------------|------|----------------|--------------------|-------------|-----------------|
| ME40P-1 | 4/10 | 115 | 1/60 | 12.0 | 1-1/2" FNPT | Tethered Automatic | 10'(3.1m) | 27(12.2 kg) |
| ME40PC-1 | 4/10 | 115 | 1/60 | 12.0 | 1-1/2" FNPT | Tethered Automatic | 20'(6.1m) | 28(12.7 kg) |
| ME40M-11 | 4/10 | 115 | 1/60 | 12.0 | 1-1/2" FNPT | Manual | 10'(3.1m) | 26(11.8 kg) |
| ME40Mc-11 | 4/10 | 115 | 1/60 | 12.0 | 1-1/2" FNPT | Manual | 20'(6.1m) | 27(12.2 kg) |
| ME40PC-2 | 4/10 | 230 | 1/60 | 6.0 | 1-1/2" FNPT | Tethered Automatic | 20'(6.1m) | 28(12.7 kg) |
| ME40Mc-21 | 4/10 | 230 | 1/60 | 6.0 | 1-1/2" FNPT | Manual | 20'(6.1m) | 27(12.2 kg) |



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