

# 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.



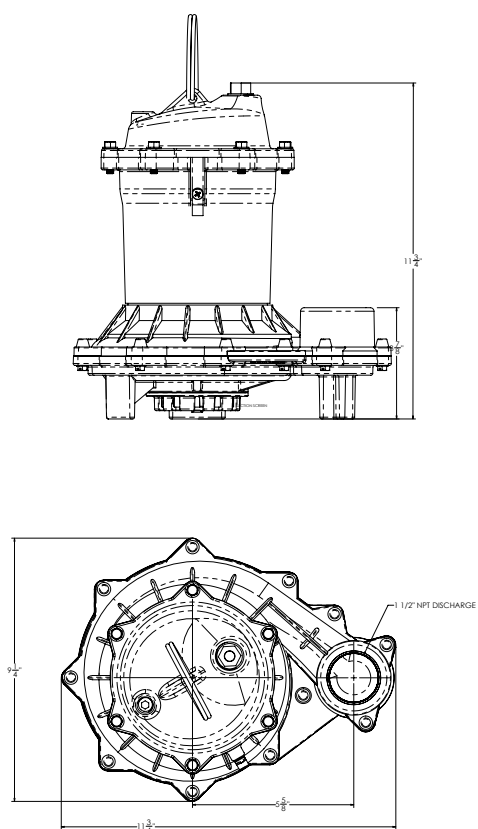
### FEATURES

- ◆ **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.

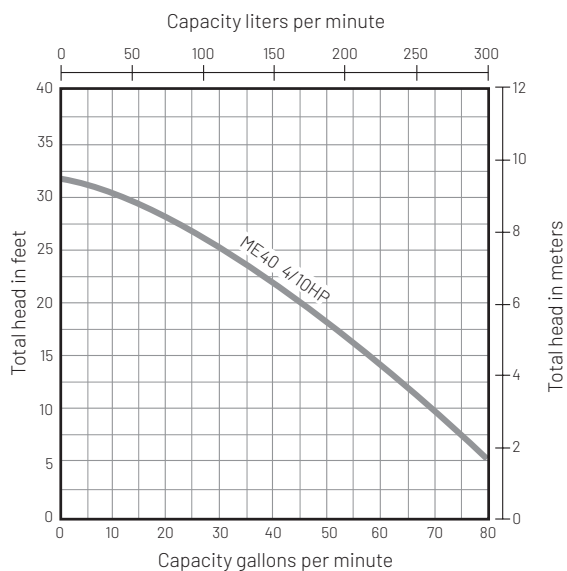
## SPECIFICATIONS & PERFORMANCE

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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