

# EFFLUENT PUMPS



# TRUST THE PUMP EXPERTS

Pentair Myers has a market leading portfolio of horsepower and pump curve combinations, delivered with distinctive service.

## FEATURES

### 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

### EXTENDED LIFE

Shaded pole and PSC motors eliminate 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

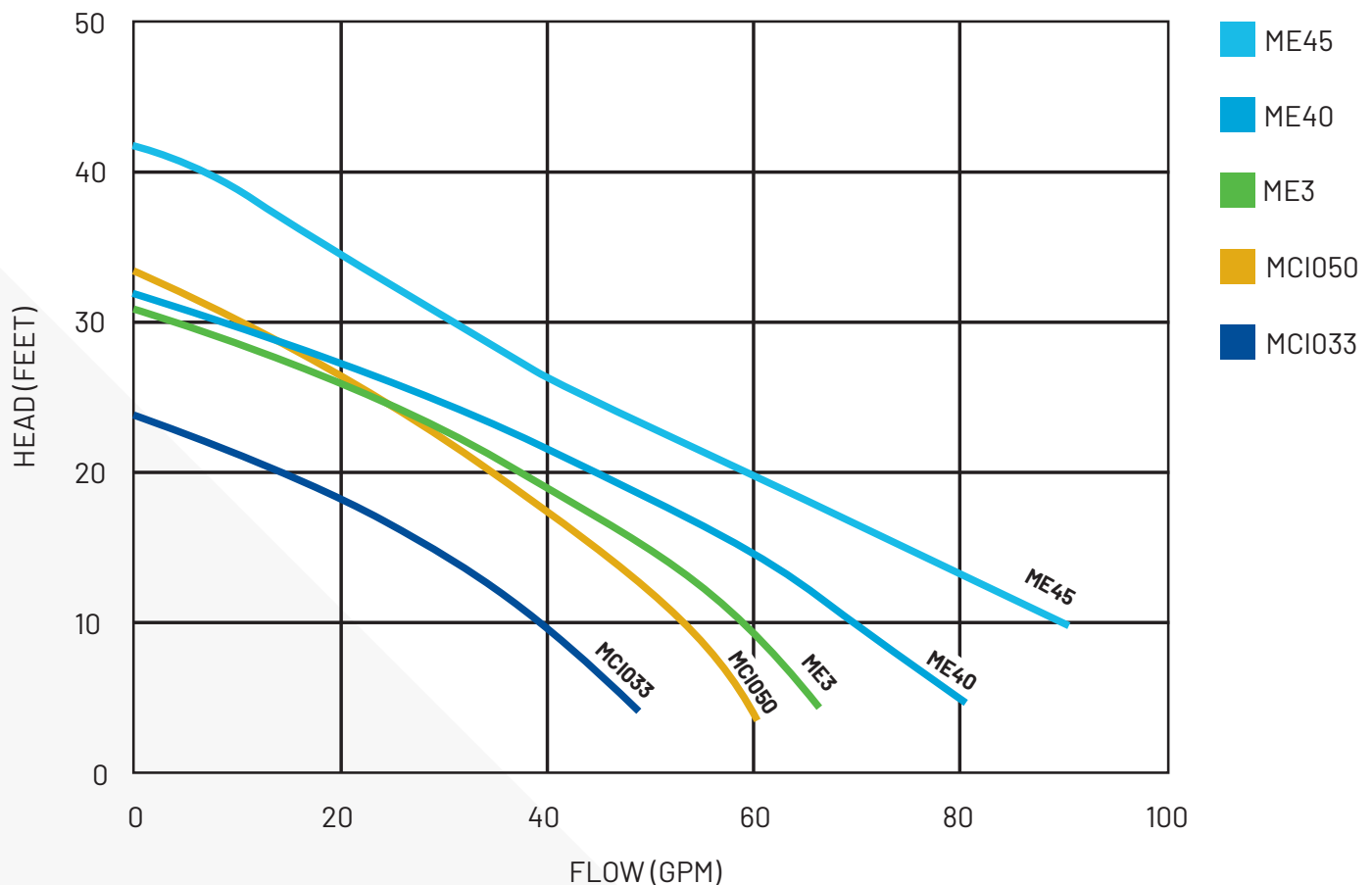
### NO DRILLING REQUIRED

Anti-airlock hole in base reduces added labor

### EASY SERVICEABILITY

Pump, intake screen volute base, switch and power cord are serviceable

## FAMILY CURVE

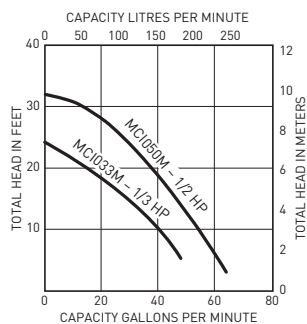


# SPECIFICATIONS

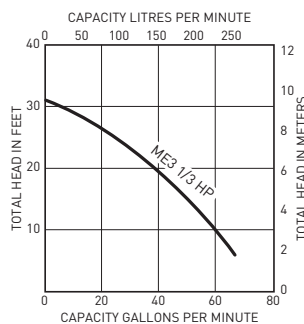


| Description           | MCI033/50                                                                                         | ME3                                                                                    | ME40                                                                        | ME45                                                                          |
|-----------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Capacities            | 48 GPM (182 LPM)<br>62 GPM (235 LPM)                                                              | 66 GPM (249 LPM)                                                                       | 80 GPM (303 LPM)                                                            | 87 GPM (329 LPM)                                                              |
| Shut-off Head         | Up to 32' (9.8 m)                                                                                 | 31' (9.5 m)                                                                            | 32' (9.75 m)                                                                | 44' (13.41 m)                                                                 |
| Operation             | Automatic                                                                                         | Automatic or manual                                                                    | Automatic or manual                                                         | Automatic or manual                                                           |
| Solids Handling       | 1/2" (12.7 mm)                                                                                    | 3/4" (19 mm)                                                                           | 3/4" (19 mm)                                                                | 3/4" (19 mm)                                                                  |
| Liquids Handling      | Drainage effluent                                                                                 | Domestic effluent and drain water                                                      | Domestic effluent and drain water                                           | Domestic effluent and drain water                                             |
| Liquid Temp           | Continuous<br>130°F (54°C)                                                                        | Continuous<br>up to 140°F (60°C)                                                       | Continuous<br>up to 140°F (60°C)                                            | Continuous<br>up to 140°F (60°C)                                              |
| Motor Electrical Data | 1/3 HP, 9.8A; 1/2 HP, 12A; shaded pole with thermal overload protection, 115V, 1Ø, 60Hz, 1550 RPM | 1/3 HP, 1550 RPM, shaded pole, oil-filled; 115V, 12.5A, 1Ø, 60Hz, 230V, 6.4A, 1Ø, 60Hz | 4/10 HP, 1650 RPM, PSC, oil-filled; 115V, 12A, 1Ø, 60Hz; 230V, 6A, 1Ø, 60Hz | 1/2 HP: 3450 RPM, PSC, oil-filled; 115V, 8.6A, 1Ø, 60Hz; 230V, 4.3A, 1Ø, 60Hz |
| Acceptable pH Range   | 6-9                                                                                               | 6-9                                                                                    | 5-9                                                                         | 5-9                                                                           |
| Shaft Seal            | Carbon and ceramic mechanical seal                                                                | Carbon and ceramic mechanical seal                                                     | Carbon and ceramic mechanical seal                                          | Carbon and ceramic mechanical seal                                            |
| Housing/Volute        | Cast iron                                                                                         | Cast iron                                                                              | Plastic                                                                     | Cast iron                                                                     |
| Volute Base           | Fiberglass reinforced polypropylene or cast iron                                                  | Cast iron                                                                              | Fiberglass reinforced polypropylene                                         | Cast iron                                                                     |
| Impeller              | Fiberglass-reinforced Noryl®                                                                      | Fiberglass-reinforced Noryl®                                                           | Cast iron                                                                   | Cast iron                                                                     |
| Exterior Hardware     | Stainless steel                                                                                   | Stainless steel                                                                        | Stainless steel                                                             | Stainless steel                                                               |
| Power Cord            | 10'(3m) or 20'(6m) 16/3 SJTW<br>20'(6m) 16/3 SJTW                                                 | 10'(3m) or 20'(6m) 16/3 SJTW<br>20'(6m) 16/3 SJTW                                      | 10'(3m) or 20'(6m) 16/3 SJTW<br>20'(6m) 16/3 SJTW                           | 10'(3m) or 20'(6m) 16/3 SJTW<br>20'(6m) 16/3 SJTW                             |
| Discharge, NPT        | 1-1/2" (38.1 mm)                                                                                  | 1-1/2" (38.1 mm)                                                                       | 1-1/2" (38.1 mm)                                                            | 2" (50.8 mm)                                                                  |

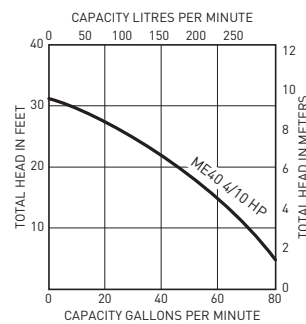
**MCI033/50**



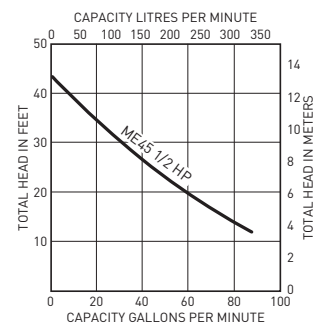
**ME3**



**ME40**



**ME45**



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