



MES50/100

Submersible High Head Efflu

Applications:

- Septic Tank Effluent
- High Head Sump
- Dewatering

MES100 Features:

- 1 HP
- 208-230 voltage (1 ϕ) 208-230/460, 575 voltage (3 ϕ)
- 2" discharge
- 3/4" solids handling
- Capacities to 87 GPM
- Heads to 90 feet
- Automatic or manual models

MES50 Features:

- 1/2 HP
- 115/208-230 dual voltage (1 ϕ) 208-230/460, 575 voltage (3 ϕ)
- 2" discharge
- 3/4" solids handling
- Capacities to 63 GPM
- Heads to 63 feet
- Automatic or manual models

The Myers[®] MES50/100 submersible pumps are specifically designed to meet the demands of residential high head septic tank effluent or sump applications. The 2 inch NPT discharge pumps feature an energy-efficient 1/2 or 1 horsepower motor, automatic and manual versions, and a wide variety of voltages including dual voltage 208-230 volt single and three phase. The MES50 can handle capacities up to 63 gallons per minute and heads to 63 feet. The MES100 can handle capacities up to 87 gallons per minute and heads to 90 feet.

The MES50/100 features a heavy-duty cast iron construction that provides durability for a long service life, as well as dissipating heat from the motor for cooler operation. All fasteners are stainless steel for corrosion resistance. The pump's semiopen, nonclog design impeller passes 3/4" (spherical) solids and is made from a super tough engineered plastic that provides the highest level of corrosion resistance and the toughness to withstand the impact of solid materials. The impeller, molded to a bronze insert, also features pump-out vanes to preclude material from building up around the shaft and seal. The pump's unique (patent pending) nonclog design baseplate has an electrostatically applied polyester coating for corrosion resistance and provides a strainer-free inlet capable of passing two (2), 3/4" (spherical) solids simultaneously. The inlet area is raised off the bottom of the septic tank or sump basin by the pump's 2" high legs constructed of engineered thermoplastic material for maximum corrosion resistance.

The MES50/100's oil-filled motor provides superior cooling characteristics, allowing the motor to run cool and quiet. The oil-filled design also provides permanent lubrication of the shaft bearings, minimizing maintenance and extending the service life of the pump. The oil-filled motor design allows for even heat dissipation. On single phase models



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PERFORMANCE DATA

DIMENSIONAL DATA