

Jr. ON A CART

Designed initially for marine applications, the 50 Series pump has proven itself effective in the consumer/industrial market. The 50 Series can be used for flood prevention, pool/pond pump, spill clean-up, and septic tank pumpout. The 50 Series can pass solids up to 1.5" in diameter, and can run dry continuously without damage. Standard equipment includes .5-HP 115/230-Volt electric motor with 10Ft electrical cord and grounded plug. Whatever your applications demands, **Keco's** 50 Series diaphragm pump can facilitate your needs.



OPTIONS

ENGINE OPTIONS

- Briggs & Stratton 3.5-HP
- Honda 4-HP

MOTOR OPTIONS

- .5-HP 115/230-Volt
- .5-HP Exp.Proof
- .75-HP 115/230 Volt
- .75-HP Exp Proof

PUMP w/ HANDLES



OPTIONAL COVER



CONTROL OPTIONS



- Push to Start With Timer



- On/Off Switch



- Explosion-Proof Push to Start W/Timer



- Explosion-Proof On/Off Switch



- Explosion-Proof Key On/Off



Specifications

Model 40 - Portable

Design Considerations

- The pump shall be designed for viscous material handling sanitary waste, slurries and solids up to 1½" spherical diameter.
- The 8" diaphragm to be of Neoprene** reinforced with 2-ply nylon. Two cast aluminum plates support the diaphragm.
- The motor/engine shall drive an eccentric connected to a stainless steel drive rod by a rod end bearing assembly. The rod end bearing shall have an oil filled sintered steel ball and be equipped with a lubricating fitting.
- Weighted encapsulated inlet and discharge valves are replaceable.
- Valves seat against a raised bezel on a replaceable encapsulated seating plate. Valves are held in place using ½" stainless steel hardware 316 grade.
- Suction / Discharge flow can run perpendicular with frame, or inline with frame. Customer to specify at time of order. Standard bowl / flow runs perpendicular with frame.
- Explosion proof, Totally Enclosed Fan Cooled 110-220 Single Phase AC 60 Hz motors, 3 ½ HP Briggs and Stratton gasoline or 12-24V DC motors available
- Suction and Discharge fittings available in 1 ½" or 2" female tread NPT.
- Quick connect coupler fitting on suction and discharge port.
- Pump capable of 18" Hg / 13 PSI with a flow rate to 30 GPM.

Capacity & Dimensions

MODEL	L"	W"	H"	GPM
40	46"	23"	32"	2-25

Weight: approximately 150 lbs.

Materials

The pump shall include but not be limited to the following components

- Aluminum surfaces shall be sandblasted (SP10), zinc, epoxy and urethane coated
- Pump body to be cast aluminum (marine grade) including pump bowl, retaining ring, elbows, flanges and diaphragm reinforcing plates.
- Brass castings are optional.
- Steel structural support frame sandblasted (SP10), zinc, baked epoxy and urethane coated.
- Cart to be pressure washer type with pneumatic wheels. Pump to be bolted to cart using 316-grade stainless steel hardware. Cart to be sandblasted (SP10), zinc, baked epoxy and urethane coated.
- All nuts, bolts, washers and hardware to be 316-grade stainless steel.

* 50 Hz Motors available.

** Nitrile or Hypalon Diaphragm available.

The compatibility and/or application information is presented as a guide only. Other system factors may effect this information. Proper installation and selection of equipment, components, operation and maintenance are not the responsibility of KECO