

PISTON WELLPOINT PWP006

6" PISTON WELLPOINT DEWATERING WATER PUMP



The MWI Piston Wellpoint is a reliable piston, self-priming, positive-displacement pump that is made for construction dewatering. Its compact, mobile footprint and integrated sound enclosure makes it your ideal, agile companion when facing tough water pumping challenges in residential neighborhoods or areas where sound must be kept to a minimum. Whether you are using a wellpoint or sock system, the highly-efficient air/water handling capabilities utilizes less fuel while providing less hassles.

Downtime is substantially reduced thanks to the maintenance-on-site design. The piston wellpoint pump produces a pulsating vacuum so wellpoints will not become clogged in service. It only requires a single cylinder engine and does not contain any vacuum pumps or associated oiling systems typically required in other wellpoint pumps. With inexpensive spare parts, low maintenance, and rugged components, this pump costs less than comparable pump systems and can be set up and running in a fraction of the time.

FEATURES

- High performance (425 GPM and 208' TOH)
- Silent enclosure standard (48 dBA at 33')
- On-board stone catcher with cleaning port to protect the pump
- Robust construction for durability
- Integral 48-gallon fuel tank
- Self-priming and positive displacement
- Double-sealing piston rod prevents oil leakage
- Suction lift to 28'
- Low fuel consumption - Runs 5 days straight
- Can run dry for long periods
- Parts are long-lasting and inexpensive to replace
- Manufactured in the USA

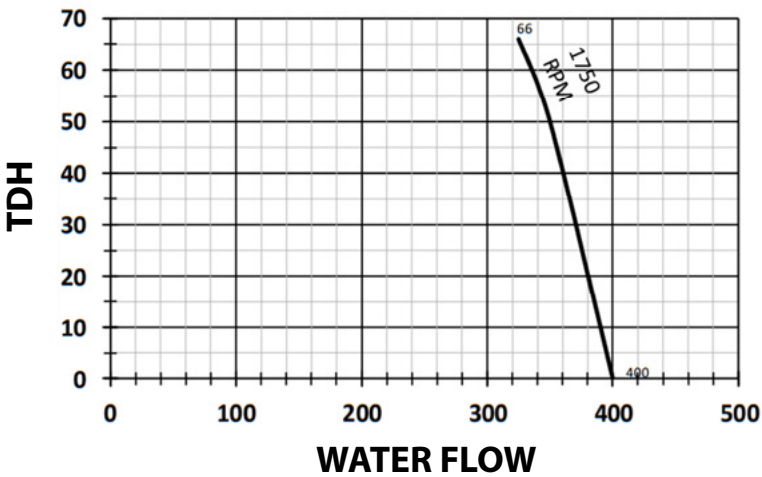
APPLICATIONS

- Construction Dewatering
- Wellpoint
- Sock Dewatering
- Remediation
- Recharge
- Multiple Fluid Transfer Capabilities

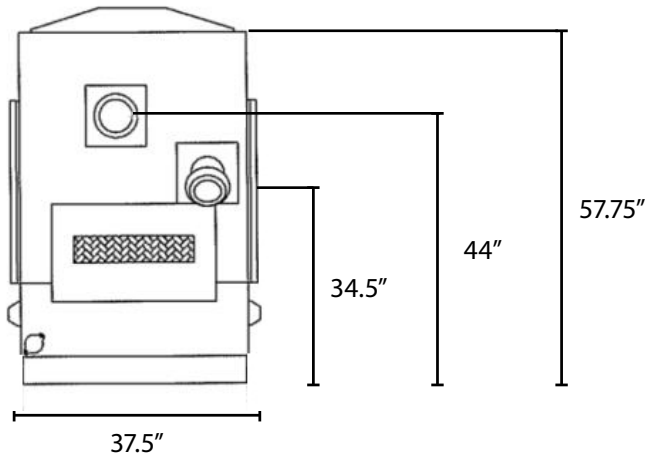
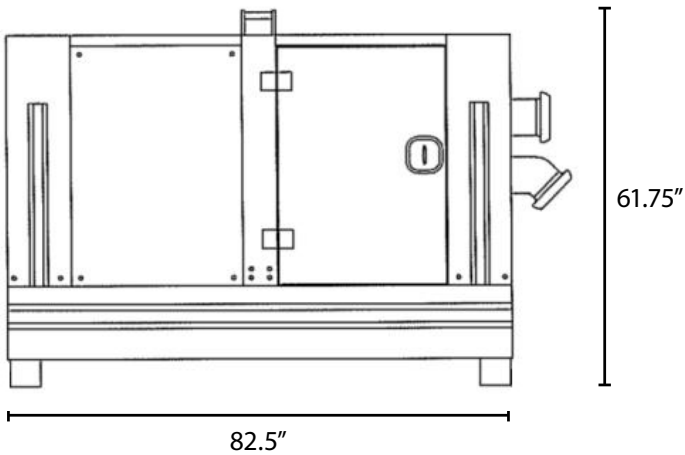
QUICK SPECIFICATIONS	
Suction connection	6" / 15.24 cm
Delivery connection	6" / 15.24 cm
Max capacity	400 GPM / 91 m3/h)
Max solids handling	Clear water only
Max head (TDH)	66' / 20.12 M
Max operating speed	75 strokes/min
Dimensions	37.5 x 61.75 x 82.5"
Sound levels w/ enclosure	48 dBA at 10 M / 33'
Weight (dry)	3600 lbs / 1,633 kg
Fuel tank capacity	48 Gal / 181.7 L
Max fuel consumption	0.4 GPH / 1.51 Uh
Max Operating time	120 Hours



PERFORMANCE CURVE



DIMENSIONS



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MATERIALS & SPECIFICATIONS

PISTON PUMP	
Pump Casing	Rugged, class 30 cast iron
Cylinder	Stainless Steel
Piston	Abrasion and corrosion resistant
Piston Diameter	175mm
Covers	Cast Iron
Crankshaft	Forged Steel
Approximate Weight	3600 lbs / 1,633 kg (dry)
Fuel Tank	48 Gal / 181.7 L
ENGINE	
Engine Model	Hatz 1D90E, US EPA
Cylinder	10.5 HP air cooled 4 stroke diesel engine, 1 cylinder, electronical
Control Method	CAN J1939, multi stage switch, analog
Automatic Shutdowns	Low Oil pressure, High Coolant Temp
CANOPY	
Dimensions	83 x 38 x 58"
Base Frame	Hot-dip galvanized
Panels	Powder coated galvanized
Roof Panels	180" open angle
Door Panels	4 lockable doors
Lifting Eye	Centrally located
Forklift Sleeves	7.75 x 3.75"
Exhaust	Full integrated in canopy