

ROTOFLO™ RWP008

8" WELLPOINT DEWATERING WATER PUMP



APPLICATIONS

Construction

Wellpoint

Sock Dewatering

Remediation

Recharge

**Multiple
Fluid Transfer
Capabilities**

The Rotoflo™ is a reliable rotary lobe, self-priming, valve-less positive-displacement pump that is made for construction dewatering. Whether you are using a wellpoint or sock system, the highly-efficient air/water handling capabilities utilizes less fuel while providing less hassles. Additionally, the pump's simple design eliminates the need for complicated vacuum priming, floats and air/water separation systems which are known to be unreliable.

Downtime is substantially reduced thanks to the maintenance-on-site design. Each pump comes equipped with a quick-release cover that can be removed with conventional hand tools to provide easy access to the inner parts without having to remove any critical components. Its 100% bolt-together design adds flexibility to your operations by allowing multiple units to be easily combined for maximum output. 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 (1365 GPM and 268' TDH)
- Dry running mechanical seals
- Pumps slurries and brackish water
- Choice of diesel engines, electric motors, or hydraulically driven
- Integral 94 gallon fuel tank, gauge and lockable fuel cap
- Fuel efficient
- Pulsation free design
- Skid or trailer available with easy vice-versa conversion
- Positive displacement tri-lobe spiral rotor
- Rotary lobes, wear plates and seals are easily replaceable on site
- Silent enclosures available (67dBA at 7M / 23') for residential areas
- Manufactured in the USA

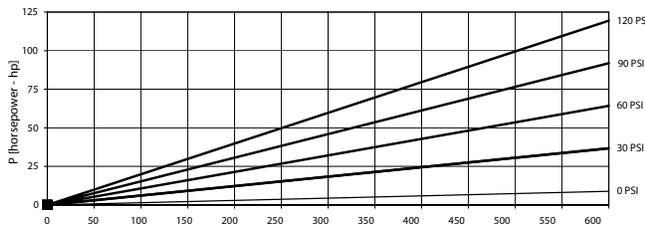
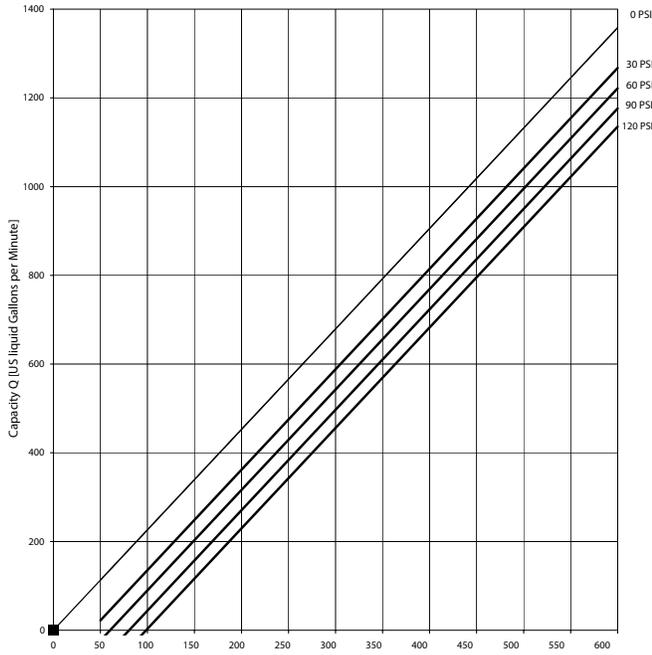
QUICK SPECIFICATIONS

| | |
|---------------------------|---------------------|
| Suction connection | 8" 150# ANSI B16.5 |
| Delivery connection | 8" 150# ANSI B16.5 |
| Max capacity | 1365 GPM |
| Max solids handling | 2.95 |
| Max head (TDH) | 268' |
| Max operating speed | 600 RPM |
| Dimensions | 51.25 x 108 x 73.5" |
| Sound levels w/ enclosure | 67 dBA at 7M / 23' |
| Max fuel consumption | 24 hr run time |



PERFORMANCE CURVE

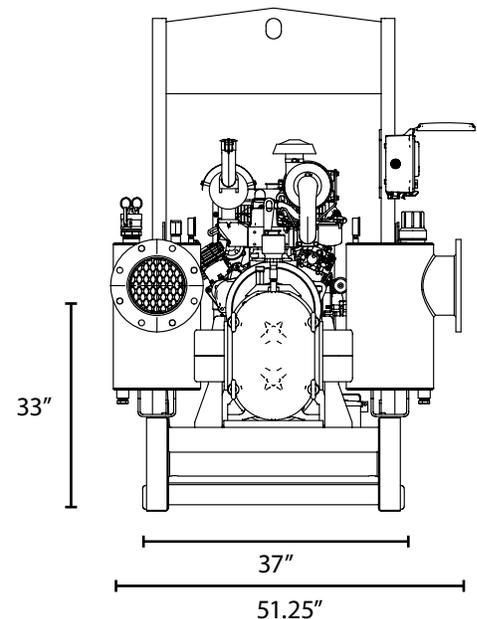
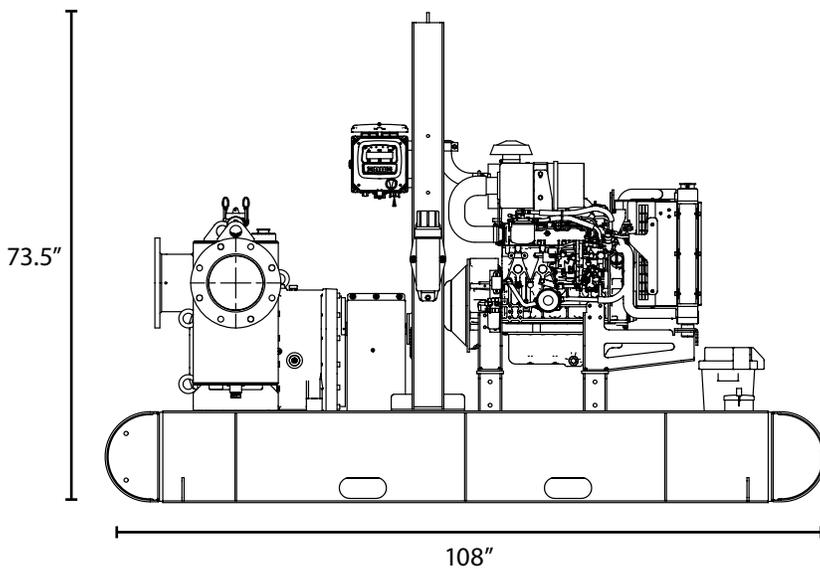
FLOW (USGPM)



SPEED (RPM)

Test conducted on water

DIMENSIONS



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MATERIALS & SPECIFICATIONS

| | |
|-------------------------------------|--|
| Engine | Choice of diesel, electric, or hydraulically driven motor |
| Pump casing | Single piece construction from cast iron lined with protection plates from stainless steel. Other materials of construction available. |
| Rotary lobes | Low pulsation screw rotor design. Entirely Buna-N elastomer coated. Other elastomer materials available. |
| Wear liner | Stainless steel |
| Shafts | Non-fluid-wetted from AIS 4140 |
| Discharge | 8" Flapper check valve |
| Mechanical seal | Oil bath, dry running seal, with abrasion resistant silicon carbide faces |
| Accessories | Swing-joints, header pipe, wellpoints and jetting equipment |
| Control panel with safety shutdowns | Diesel engine panel: Tach and hour meter, including shutdowns for: low oil pressure, high coolant temperature and overspeed. / Electric Panel: Full or reduced starter. Variable frequency drive (VFD) optional. |
| Fuel capacity | 94 Gal |
| Weight of trailer mounted unit | 3400 lbs (dry) |

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