

8GSCWP GLOBAL STANDARD CENTRIFUGAL WELLPOINT



Global Pump® Standard Centrifugal Wellpoint pumps are specifically designed to effectively handle the arduous requirements of wellpoint and underdrain dewatering systems where intermittent water flow and large amounts of air are encountered. The dual diaphragm priming system generates up to 100CFM without the need for an oil-cooled vacuum pump.

Global Pump Standard Centrifugal Wellpoint pumps provide a compact, dependable, highly efficient solution in a completely automatic priming pump with built in air separation.

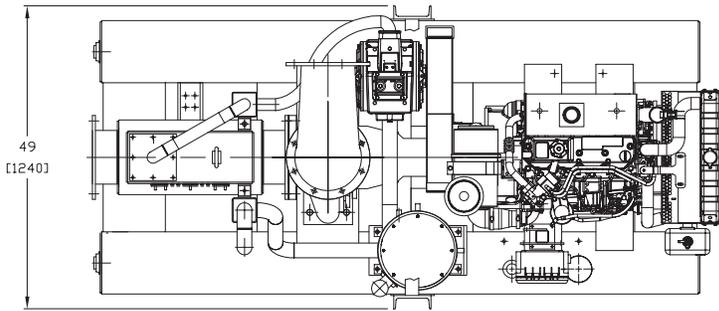
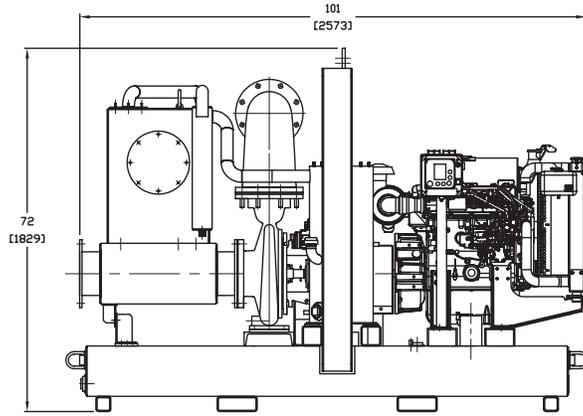
The model 8GSCWP is capable of achieving maximum flows of 1,800 gpm (408 m³/h) and maximum total head of 108' (33 m), with solids handling up to 0.875" (22 mm) in diameter. The standard 8GSCWP is powered by a water-cooled, 4-cylinder diesel engine. Alternative drives are available, including other diesel engines or electric motor options.

FEATURES

- Diesel Engine 56 horsepower at 1800 rpm
- Global Pump's rugged, heavy duty pumps are engineered specifically for portable application
- Fully guarded coupling, pulley and belting
- Belt-driven, vacuum pump provides high air handling and a fully automatic priming system
- High efficiency air separation tank separates air and water before entering the pump
- Condensation chamber with drain contains any condensation or water vapor from the air
- Oil recovery system separates and removes oil and other particulates from the discharge air
- Non-return valve uses only a single moving part to allow full flow with minimal restriction
- Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control
- Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure
- Standard skid-mounted format with integral fuel tank, tie downs, lifting bail and fork pockets

OPTIONS

- Fuel tanks for extended run times and/or remote location as required
- Highway trailer with integral fuel cell/chassis, lights, fenders, tie downs, lifting bail, front and rear jacks
- Trailer brakes can be offered as required
- Sound attenuated enclosure options
- Hose racks, accessory containers and other custom features available as required
- Wide range of suction and discharge fittings available including Global's own "QD" Quick Disconnect fittings and accessories
- Array of wellpoint accessories available including wellpoint suction header, header plugs, swing arms, PVC 90s and end plugs

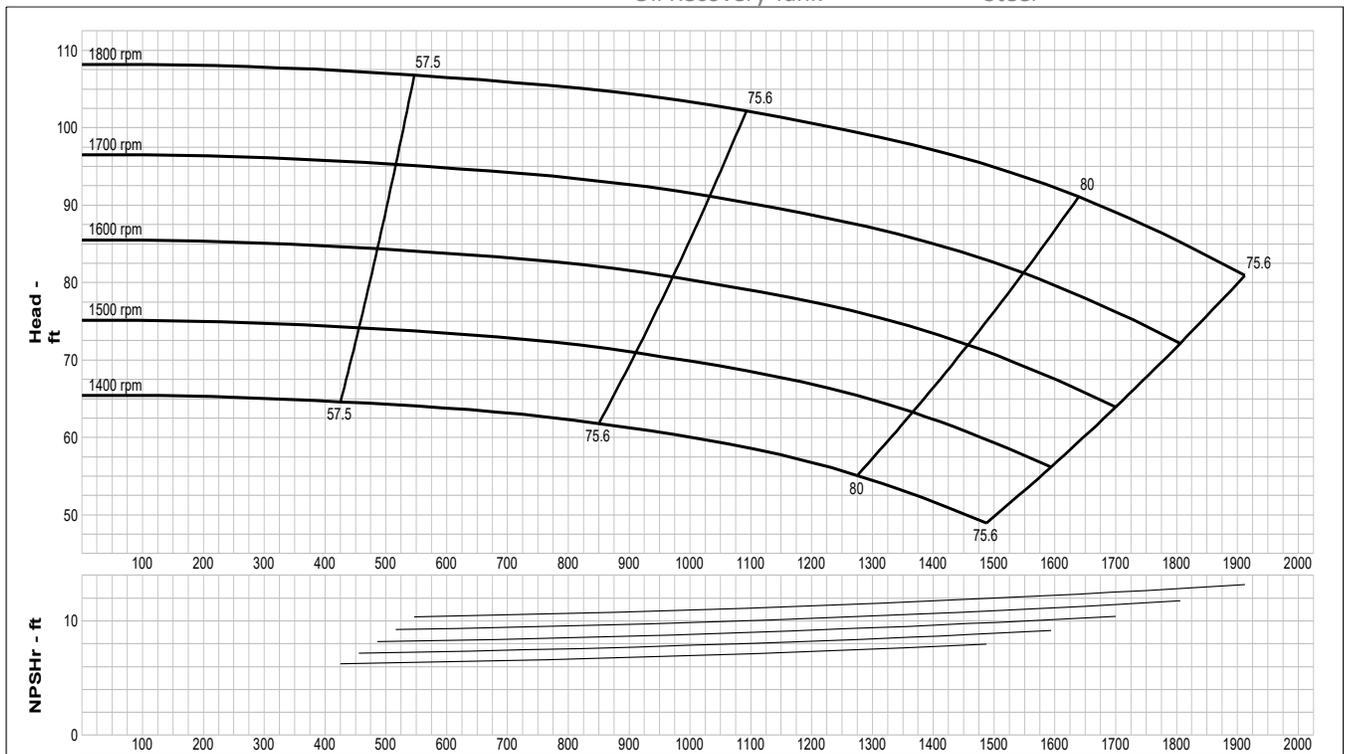


SPECIFICATIONS

Connections	8" (200 mm) ANSI Flanges
Maximum Pump Speed	1,800 rpm
Maximum Flow	1,800 gpm (408 m ³ /h)
Maximum Head	108' (33 m)
Maximum Static Priming Lift	28' (8.5 m)
Water Temperature Limit	160° F (70° C)
Solids Handling Capability	0.875" (22 mm)
Maximum Casing Pressure	150 psig (1,034 kPa)
Standard Compact Fuel Tank	110 gallons (416 liters)
Dry Weight	5,000 lbs

PUMP MATERIAL

Casing	Cast Iron
Impeller	Cast Iron
Bearing Housing	Cast Iron
Bearing Lubrication	Grease
Shaft	Steel
Shaft Sleeve	FNC Treated Steel
Seal	Carbon on Ceramic
Chassis/Fuel Cell	Steel
Non-Return Valve	Nitrile fitted Cast Iron
Air Separation Tank	Steel
Oil Recovery Tank	Steel



GLOBAL PUMP
 10162 East Coldwater Road, Davison, MI 48423
 Tel: 810.653.4828 Fax: 810.658.0632
1.866.360.PUMP www.globalpump.com