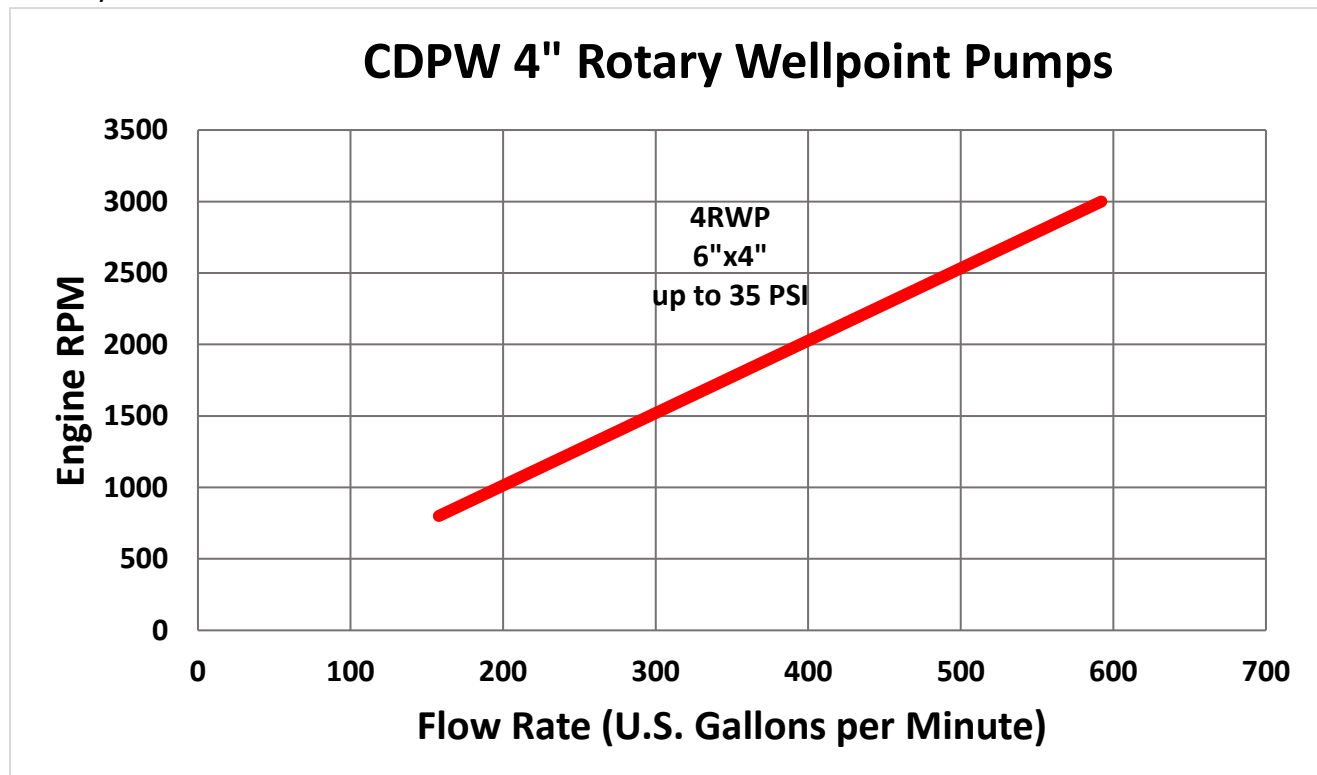


Rotary Wellpoint Pump 6 inch suction x 4 inch discharge

Our 4" discharge rotary lobe wellpoint pump is designed for up to 600 GPM, similar to a standard centrifugal design so the pumps have interchangeable applications. This provides easy field hookup to the most commonly found pipe and layflat sizes – no costly adapters or hard to find fittings needed. Large capacity suction and discharge priming tanks with automatic liquid recirculation are standard to protect pump end components during periods of dry run and reduce surges in discharge and header lines. And since the rotary lobe pump end handles both the air and water together, there is less maintenance required than with priming assisted pumps. An engine mounted gear drive reliably transfers power to the industry leading all cast iron Vogelsang wet-end. Optional Piggy-Back V-belt drive system available.



“The finest dewatering pumps and wellpoint equipment since 1923”

Complete Dewatering 4RWP-K2-F(W) 4" Discharge Rotary Wellpoint Pump

SPECIFICATIONS

(All specifications subject to change without notice)

Pump Component

Make: Vogelsang / CDPW Inc.
 Model: VX136-210Q advanced rotary lobe pump
 Casing: Cast Iron
 Rotary lobe: HiFlo 4-wing NBR
 Wear Plate: Hardox (700 Brinell)
 Shaft: Carbon Steel (ASTM A470)
 Seal: Cartridge mechanical
 Seal lubrication: MP90 gear oil
 Safety shut-down: Discharge baffle tank over-temp
 Suction, Discharge: 6" x 4" nominal straight pipe, cam-lock or Bauer fittings optional

Performance

Pumping Capacity: to 600 gpm (2271 l/m)
 Head Capacity: to 80' (35psi or 24.4 m)
 Suction Lift: to 25' (7.6 m)
 Solids Capacity: to 1-1/2" spherical (3.8 cm)
 Air Handling: 80 cfm
 Priming Tank Volume: 46 gallons

Diesel Engine

Make / Model: Kohler KDI625-2
 John Deere/Perkins/Hatz/Deutz also available
 Type: single cylinder air cooled diesel, 1.25L naturally aspirated
 Horsepower: 20.1 hp continuous at 3000 rpm
 Control Panel: Controls Inc. control panel with engine temp, oil pressure, voltage, tachometer, hour meter readings; safety shutdowns on critical engine conditions.
 Fuel Filters: Dual fuel filter system with fuel/water separator

Drive Reduction System

Gear Reduction: Twin Disc RM45, 5.00 to 1 turn down ratio.

Optional Piggy-Back V-Pulley drive system:
 5VX belt system designed to give 5.00 to 1 turn down ratio. Full safety guarding on all moving parts.

Frame

Type: Integral fuel cell / frame
 Material: 8" x 1/4" steel box tube, welded and pressure tested
 Fuel Capacity: 54 gallons (235 liters); approx. 24 hours run time between refueling. Can also be used with an auxiliary fuel tank.
 Clean out ports: (4), one on each corner
 Fuel filler: 4" filler neck with lockable cap, sediment screen
 Battery hold-down: External, lockable bar
 Lifting bale: Single point, balanced
 Paint: All components are cleaned, then primed with an epoxy primer. Components are then painted with an industrial grade enamel. Custom colors are available.

Wheel Mount Option

Axle: Single axle, 6000# rated Torflex torsion axle.
 Tires: 225/75/R15, Highway rated, load range D
 Fenders: Steel diamond plate
 Tow Hitch: To match your towing vehicle (ball, pintel, lunette eye) with safety chains
 Leveling: Drop down posts on all corners of the pump, front wind-down jack stand
 Brakes (optional): Hydraulic surge or electric with battery backup and charger

Dimensions

Frame Mount: Length 6.3' (75", 190 cm)
 Width 4' (50", 127 cm)
 Height 5.5' (66", 168 cm)
 Weight 2200 lbs. (1000 kg)
 Wheel Mount: Length 8.5' (100", 254 cm)
 Width 7.5' (90", 230 cm)
 Height 6.3' (75", 190 cm)
 Weight 2800 lbs. (1270 kg)

Options

Increased fuel capacity
 "Whisper Pack" full or partial enclosures

Warranty

CDPW Inc. warranties the entire unit for one year parts and labor against defects in product or workmanship. Engine warranties are carried by the manufacturer, and may exceed one year.