

The ideal pump for small dewatering projects:

- Utility line connections
- Utility line repairs
- Small tank installations
- Swimming pool installations
- Lift station installations
- Wellpoint systems
- Sock underdrain

#### Diesel Configuration:

##### Model 4VAWP-1z3-C3-F(W)

Isuzu 3CH1 EPA Final Tier 4 liquid cooled diesel engine, 18 cont. hp @ 2100 rpm  
Full instrument panel with safety shutdowns

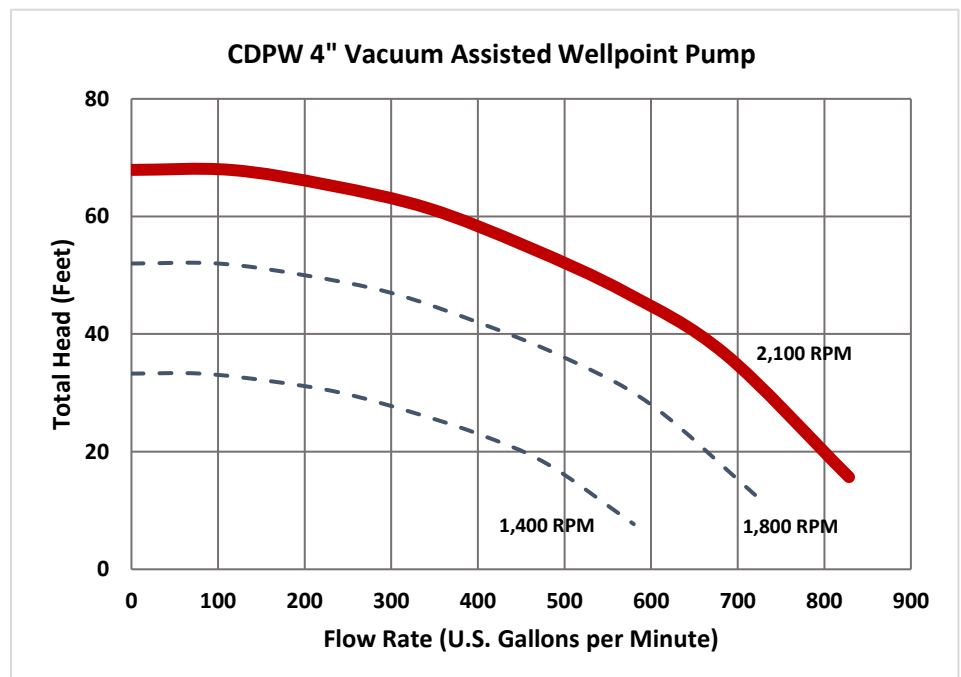
#### Electric Configuration:

##### Model 4VAWP-E20-C3-F(W)

20 HP, 1800 rpm, 460 volt, 3 phase TEFC motor  
23.7 FL Amps @ 460 volts, 1.15 SF  
NEMA control panel with external disconnect, fuse block, magnetic contactor, adjustable overload

#### Specifications:

- 830 GPM cast iron centrifugal pump
- 6" Suction x 4" Discharge
- up to 24' suction lift
- C3 vacuum pump, 65 cfm air handling, air cooled
- Closed loop vacuum oil recovery system with intercooler
- Air/water separation tank with peeler valve assembly
- Integral fuel tank / frame, 52-gallon capacity
- Single point lifting bale
- Optional: wheel mount with highway lights, fenders



“The finest dewatering pumps and wellpoint equipment since 1923”

# Complete Dewatering 4VAWP-Iz3-C3-F(W) 4" Vacuum Assisted Wellpoint Pump

## SPECIFICATIONS

(All specifications subject to change without notice)

### Pump Component

Make: ..... Complete Dewatering  
 Model: ..... CW4, 4" end suction centrifugal,  
 long coupled  
 Casing: ..... Cast Iron  
 Impeller: ..... Semi-open 7.00", 5-vane, bronze  
 Seal: ..... Carbon / Ceramic  
 Coupling: ..... Long coupled, doughnut type  
 elastomeric element  
 Suction, Discharge: ..... 6" x 4" nominal straight pipe,  
 cam-lock or Bauer fittings optional

### Performance:

Pumping Capacity: ..... to 830 gpm (3140 l/m)  
 Head Capacity: ..... to 68' (20.7 m)  
 Suction Lift: ..... to 24' (7.3 m)  
 Solids Capacity: ..... to 1-1/8" spherical (2.85 cm)

### Diesel Engine

Make / Model: ..... Isuzu 3CH1  
 John Deere/Hatz/Kohler/Yanmar also available  
 Emissions: ..... EPA Final Tier 4  
 Type: ..... 3-cylinder liquid cooled diesel,  
 naturally aspirated  
 Horsepower: ..... 18hp continuous at 2100 rpm  
 Control Panel: ..... Murphy digital control panel with  
 engine rpm, oil pressure, coolant temperature,  
 voltage, hour meter, and electronic throttle control;  
 safety shutdowns on critical engine conditions.  
 Fuel Filters: ..... Dual fuel filter system with  
 fuel/water separator

### Vacuum System

Vacuum Pump: ..... Complete C3-OF rotary vane,  
 air cooled, oil lubricated  
 Air Handling: ..... 65 cfm  
 (alternate; C5 vacuum pump 130 cfm)  
 Lubrication: ..... Single point oiler w/ closed loop  
 vacuum pump oil recovery system  
 Oil capacity: ..... 16 quarts, SAE 30 non-detergent  
 Vacuum system: ..... Suction priming constant vacuum  
 system with a large steel air/water separation tank,  
 stainless steel peeler valve float mechanism,  
 manifold trap moisture capture system, vacuum oil  
 recovery tank w/ stainless steel vacuum oil demist  
 element.

### Frame

Type: ..... Integral fuel cell / frame  
 Material: ..... 8" x 1/4" steel box tube, welded  
 and pressure tested  
 Fuel Capacity: ..... 52 gallons (197 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 Gauge: ..... Mechanical dial  
 Fuel filler: ..... 4" filler neck with lockable  
 cap, sediment screen  
 Battery hold-down: ..... External, lockable bar  
 Lifting bale: ..... Single point, balanced  
 Paint: ..... Epoxy primed and painted  
 with an industrial grade enamel. Custom colors are  
 available.

### Wheel Mount Option

Axle: ..... Single axle, 3500# rated  
 Torflex torsion axle.  
 Tires: ..... 225/75/R15, Highway rated,  
 load range D  
 Fenders: ..... Steel bolt on replaceable  
 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", 191 cm)  
 Width 3.3' (40", 102 cm)  
 Height 5.0' (60", 153 cm)  
 Weight 2200 lbs. (1000 kg)  
 Wheel Mount: ..... Length 10.0' (120", 305 cm)  
 Width 6.7' (80", 202 cm)  
 Height 6.0' (72", 182 cm)  
 Weight 2500 lbs. (1130 kg)

### Options

Increased fuel capacity  
 Vacuum pump upgrade  
 "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.