

# Wellpoint Pump 4 inch discharge



Diesel Configuration: Model 4VAWP-Iz3-C3-F(W)

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

### Specifications:

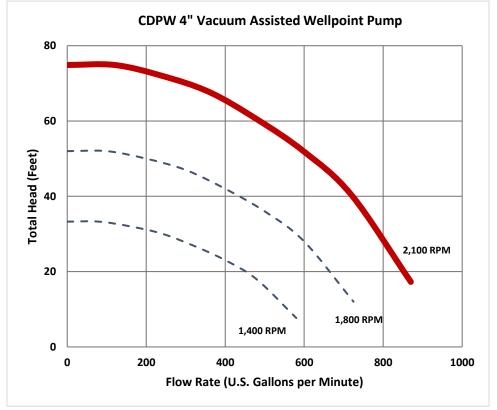
- 870 GPM cast iron centrifugal pump
- 6" Suction x 4" Discharge
- up to 24' suction lift
- C3 vacuum pump, 65 cfm air handling, air cooled
- Closed loop vacuum oil recovery system with heat exchanger
- Air/water separation tank with peeler valve assembly
- Integral fuel tank / frame, 52-gallon capacity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

The 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

## 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



"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
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 870 gpm (3290 l/m)
Head Capacity:	to 75' (22.8 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 Tier 4 Final		
Type: 3-cylinder liquid cooled diesel,		
naturally aspirated		
Horsepower: 18hp continuous at 2100 rpm		
Fuel Consumption: approx. 1.1 gph at full load		
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 oil is cooled using a closed loop oil recovery system with heat exchanger

Vacuum System: ..... Constant vacuum suction priming system with a large steel air/water separation tank, peeler valve float mechanism, manifold trap moisture capture, and vacuum oil recovery tank.

#### Frame

Tune	
Type: Integral fuel cell / frame	
Material:	
and pressure tested	
Fuel Capacity: 50 gallons (188 liters);	
approx. 46 hours run time between refueling. Can	
also be used with an auxiliary fuel tank.	
Cleanout Ports:	
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:	205/75/R15, Highway rated,	
I	load range D	
Fenders:	Steel bolt on replaceable	
Tow Hitch:	To match your towing vehicle	
(ball, pintle, lunette eye) with safety chains		
Leveling: I	Drop down posts on all	
corners of the pump, front wind-down jack stand		
Brakes (optional): I	Hydraulic surge or electric	
with battery backup and charger		

#### Dimensions

Frame Mount:	Length 6.5' (78", 198 cm)
	Width 3.9' (46", 117 cm)
	Height 5.2' (62", 158 cm)
	Weight 2200 lbs. (1000 kg)
Wheel Mount:	Length 9.7' (116", 295 cm)
	Width 6.2' (74", 188 cm)
	Height 6.0' (72", 183 cm)
	Weight 2500 lbs. (1140 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.

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