

AutoPrime™ Vacuum Assist Jet Pump 2-1/2 inch discharge



Complete AutoPrime™ Jet Pump with automated priming system – primes quicker and more reliably than manual prime pump systems!

The ideal pump for:

- Jetting for wellpointing
- Irrigation for golf courses and agriculture
- Washing of crushed rock and industrial equipment
- Water blasting applications

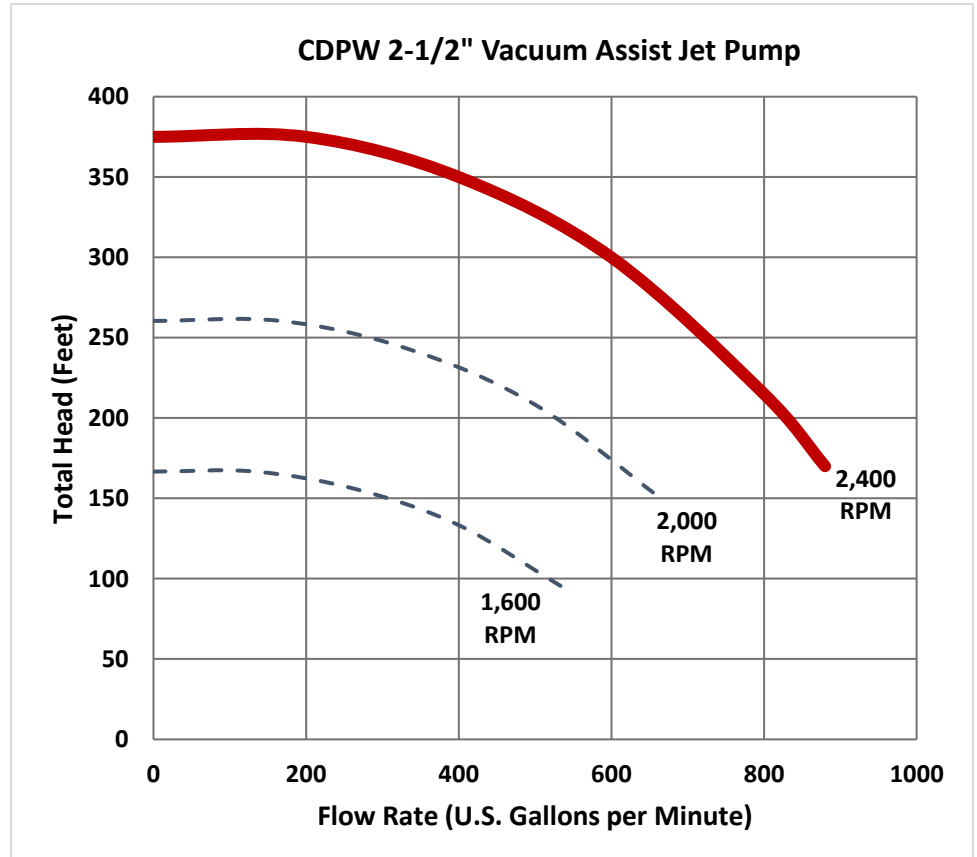
Diesel Configuration:

Model 2-1/2VAJP-Iz4T-C2-F(W)

Isuzu 4JJ1T turbocharged EPA Final Tier 4 liquid cooled diesel engine, 82 cont. hp @ 2400 rpm
Full instrument panel with safety shutdowns

Specifications:

- Up to 375' (162 psi) head pressure
- 880 GPM cast iron centrifugal pump
- 4" Suction x 2.5" Discharge
- AutoPrime™ Vacuum Assist system
- Integral fuel tank / frame, 62-gallon capacity
- Single point lifting bale
- Optional: wheel mount with highway lights, fenders



“The finest dewatering pumps and wellpoint equipment since 1923”

Complete Dewatering 2-1/2VAJP-1z4T-C2-F(W) 2.5" AutoPrime™ Vacuum Assist High Pressure Jet Pump

SPECIFICATIONS

(All specifications subject to change without notice)

Pump Component

Make: Complete Dewatering
 Model: Berkeley B-series, end suction centrifugal, frame mount
 Casing: Cast Iron
 Impeller: Fully enclosed 13.5" dia.
 Seal: Mechanical seal
 Coupling: Long coupled, doughnut type elastomeric element
 Suction, Discharge: 4" x 2.5" NPT tread, cam-lock or Bauer fittings optional

Performance:

Pumping Capacity: to 880 gpm (3330 l/m)
 Head Capacity: to 375' (114 m)
 to 162 psi
 Solids Capacity: to 3/4" spherical (2.0 cm)

Diesel Engine

Make / Model: Isuzu 4JJ1T turbocharged
 John Deere/Hatz/Kohler/Yanmar also available
 Emissions: EPA Final Tier 4
 Type: 4-cylinder liquid cooled diesel
 Horsepower: 82hp continuous at 2400 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

Priming System

Vacuum Pump: Complete C2-OF rotary vane, air cooled, oil lubricated
 Air Handling: 35 cfm
 Lubrication: Single point oiler w/ closed loop vacuum pump oil recovery system
 Oil capacity: 12 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, vented vacuum oil recovery tank.
 Suction lift: up to 24' (7.3m)
 Suction hose: up to 40 ft. of 4" diameter suction hose with strainer (order separately)

Frame

Type: Integral fuel cell / frame
 Material: 8" x 1/4" steel box tube, welded and pressure tested
 Fuel Capacity: 62 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 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, 6000# 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 8' (98", 250 cm)
 Width 4' (50", 127 cm)
 Height 5' (60", 152 cm)
 Weight 3000 lbs. (1370 kg)
 Wheel Mount: Length 12.5' (150", 380 cm)
 Width 7.5' (90", 230 cm)
 Height 6' (72", 183 cm)
 Weight 3600 lbs. (1635 kg)

Options

Wheel mounts and trailer 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.