

Wet-Prime Trash Pump 10 inch & 12 inch discharge



The ideal pump for:

- Flood control
- Emergency drainage
- Quarry dewatering
- Irrigation flooding
- Open Sumping

*wheel mounted shown with optional side racks, carry basket and hoses

10" Diesel Configuration:

Model 10TP-Dz4T-F(W)

Deutz TCD 2.9L4 (balanced) EPA Tier 4 final liquid cooled diesel engine
101 cont. hp @ 2300 rpm
Full instrument panel with safety shutdowns

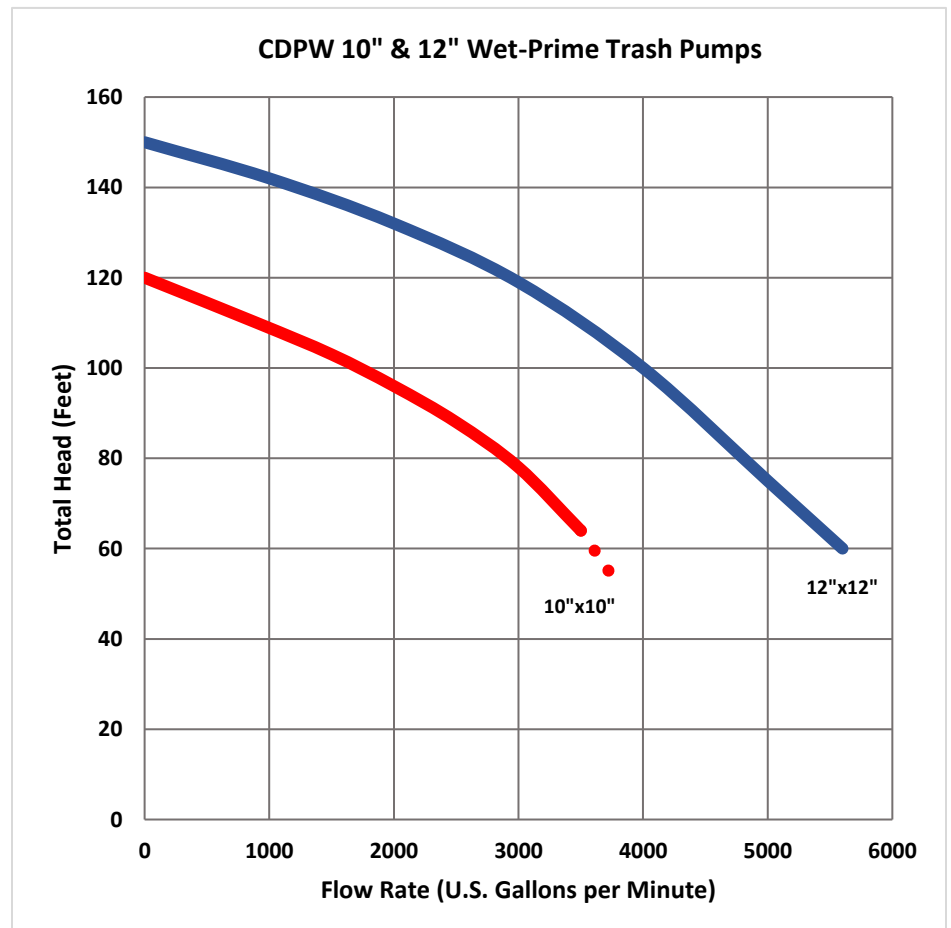
12" Diesel Configuration:

Model 12TP-Dz4T-F(W)

Deutz TCD 3.6L4 (balanced) EPA Tier 4 final liquid cooled diesel engine
130 cont. hp @ 2300 rpm
Full instrument panel with safety shutdowns

Electric Configuration:

Motor sized according to application
75 to 125 HP, 3 phase TEFC motor
460 volts, 1.15 SF
Fusible control panel with external disconnect, magnetic contactor, heater strip overloads



“The finest dewatering pumps and wellpoint equipment since 1923”

Complete Dewatering 10TP-Dz4T-F(W) or 12TP-Dz4T-F(W) 10" or 12" Wet-Prime Trash Pump

SPECIFICATIONS

(All specifications subject to change without notice)

Pump Component

Make: Gorman Rupp equivalent
 Casing: Cast Iron class 30
 Impeller: Semi-open, 2-vane
 Seal: Tungsten carbide
 Bearings: 24,000 hrs. B10 (min.) life
 Shaft: ANSI 4140HT
 Suction Check Valve: Pre-loaded and weighted,
 neoprene, replaceable
 Clean Out Cover: Cover secured with T-handles,
 direct access to impeller eye to clear debris
 Wear Plate: Heavy duty cast iron, replaceable
 Coupling: Long coupled, doughnut type
 elastomeric element
 Solids Capacity: to 3" spherical (7.62 cm)
 Suction, Discharge: 125# ANSI flange,
 cam-lock or Bauer fittings optional

Performance

Model 10TP-Dz6-F(W) – 10" suction x 10" discharge
 Pumping Capacity: to 3500 gpm (13160 l/m)
 Head Capacity: to 120' (36.6 m)
 Suction Lift: to 22' (6.7 m)
 Fuel Consumption: to 5.1 gal/hr (@ max load)

Model 12TP-Dz6-F(W) – 12" suction x 12" discharge
 Pumping Capacity: to 5600 gpm (21200 l/m)
 Head Capacity: to 150' (45.7 m)
 Suction Lift: to 16' (4.9 m)
 Fuel Consumption: to 6.3 gal/hr (@ max load)

Diesel Engine

Make / Model: Deutz TCD series
 Isuzu/Hatz/Kohler/John Deere also available
 Emissions: EPA Final Tier 4
 Type: 4-cylinder liquid cooled diesel,
 turbocharged
 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
 Exhaust: Standard muffler, critical grade
 noise reducing exhaust available
 Electrical System: 12-volt starter & alternator
 Battery: Heavy-duty 12-volt 1300 CCA
 Gear Reduction: Tayloria 1.8:1 w/ clutch

Frame

Type: Integral fuel cell / frame
 Material: 8" x ¼" steel box tube, welded
 and pressure tested
 Fuel Capacity: 80 to 95 gallons (300-357 liters)
 approx. 15-20 hours run time between refueling @
 maximum load. Lower loads will increase run time.
 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: Dual axle, 6000# rated
 Torflex torsion axles.
 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

Model	Length	Width	Height	Weight
10TP-Dz6-F Frame mount	136" 345 cm	50" 127 cm	80" 203 cm	6200 lbs 2820 kg
10TP-Dz6-W Wheel mount	190" 483 cm	90" 229 cm	95" 241 cm	7200 lbs 3275 kg
12TP-Dz6-F Frame mount	150" 381 cm	50" 127 cm	90" 229 cm	7800 lbs 3550 kg
12TP-Dz6-W Wheel mount	204" 518 cm	90" 229 cm	105" 267 cm	8800 lbs 4000 lbs

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.