



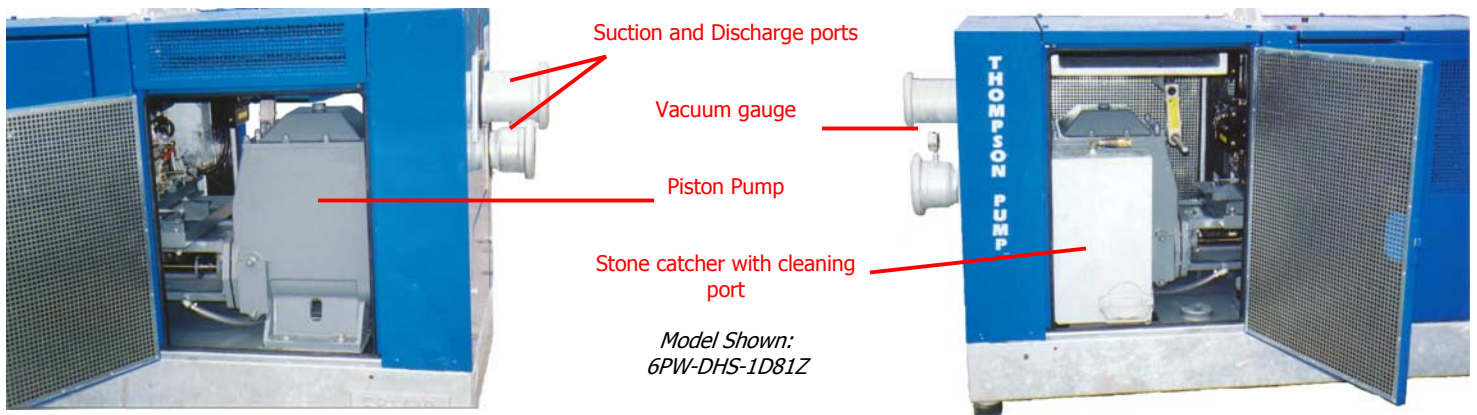
PW SERIES PISTON WELLPOINT PUMPS



The Piston Wellpoint Pumps combine excellent fuel efficiency with a sound-attenuated package

The Piston Wellpoint Pump is equipped with many attractive features. Extremely efficient, it can operate more than one week without refueling – consuming up to only 5 gallons of fuel per day. It is equipped with a sound-attenuated enclosure, which reduces sound to 64-dB(a) @ 23-feet.

The pump is also capable of running unattended for long periods of time. All of this, and its high air-handling capability, make the Piston Wellpoint Pump perfect for wellpoint applications.



The Piston Wellpoint Pump is belt driven by a heavy-duty diesel engine, with control panel and noise-reducing muffler. The unit is completely enclosed by a durable, heavy-duty sound-attenuated enclosure that is capable of reducing sound to 64 dB(a) @ 23-feet. The entire unit is equipped with an easily-accessible lifting eye positioned at the top of the unit.

FEATURES

- Self priming, positive displacement pump
- Can run dry for long periods of time
- Operates unattended
- High air handling capability
- High suction lift performance
- Extremely efficient – up to 92% efficiency
- Sound attenuated enclosure rated at 64 dBa @23-feet
- Robust construction for durability
- On-board stone catcher to protect the internal pump housing
- Double sealing piston rod prevents oil leakage
- Ease of use and maintenance
- Parts are long lasting and inexpensive to replace



Durable, heavy-duty sound-attenuated enclosure providing 64 dB(a) @ 23-feet

APPLICATIONS

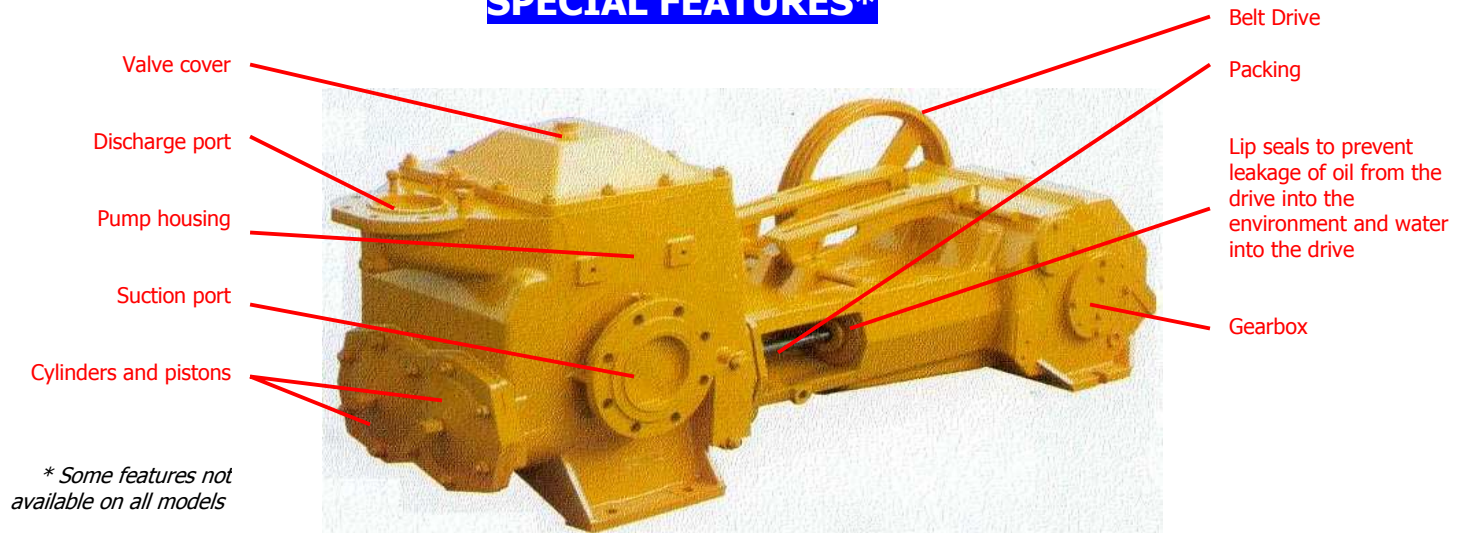
- Wellpoint dewatering
- Underdrain sock dewatering
- Acceptable to all soil conditions
- Filtered water transfer
- Remediation and reclamation

In the interest of product improvement, we reserve the right to change specifications without incurring any obligation for equipment previously or subsequently sold. Capacity and Head are shown for comparative purposes. Consult engineering data for exact capabilities.

Coquitlam, BC, Tel.: (604) 941-6664 • Calgary, AB, Tel.: (403) 279-8371 • Edmonton, AB, Tel.: (780) 489-1961 • Saskatoon, SK, Tel.: (306) 933-4849
Winnipeg, MB, Tel.: (204) 235-0050 • Concord, ON, Tel.: (905) 760-7530 • Ottawa, ON, Tel.: (613) 225-9600 • Sudbury, ON, Tel.: (705) 560-2141
Thunder Bay, ON, Tel.: (807) 625-9960 • Pointe-Claire, QC, Tel.: (514) 695-0133 • Beauport, QC, Tel.: (418) 667-1694 • Val d'Or, QC, Tel.: (819) 825-0792
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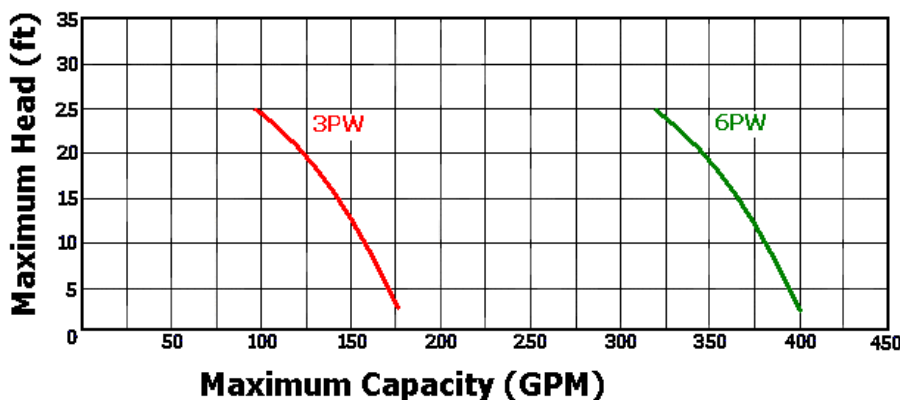
SPECIAL FEATURES*



MODEL SPECIFICATIONS

Unit Model	Size (In.)	Maximum* Capacity (GPM)	Maximum* Head (Ft.)	Maximum Suction Lift (Ft.)	Maximum CFM
3PW	3	170	66	30	21
6PW	6	400	66	30	53

* Consult engineering data for exact maximum performance RPM



WORKING PRINCIPLE

The double acting piston pump converts rotational energy applied to the pulley to linear motion to a set of pistons via two conically milled gears, which are mounted on either side of the crankshaft. A vacuum is created inside the cylinders from the motion of the pistons.

On the piston upstroke, the suction valve opens and the delivery valve closes allowing water to be drawn into the cylinder. On the down stroke, the force of the piston causes the suction valve to close and the delivery valve to open forcing the fluid in the cylinder out through the discharge.

The double sealing of the piston rod assures that oil cannot leak from the drive into the environment and that water cannot enter into the drive. Packing is installed along the shaft to prevent leakage of fluid from the cylinders.

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