

We offer a complete line of wellpoint accessories, and application assistance from our Applied Products division for those difficult wellpoint applications



Rotary Wellpoint Pump

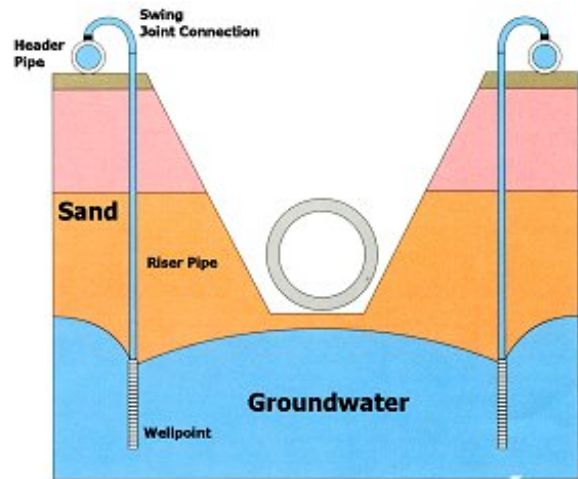
The Wellpoint System is designed for rapid assembly and disassembly with a minimum of labor or tools. We are the system of choice of contractors and dewatering specialists worldwide for groundwater control.

Crews do not have to be wellpoint experts to use the Wellpoint System successfully. Cost-effective operation is virtually guaranteed with positive seal, quick fit header valve system, which eliminates wasteful air leaks.

Whether for rental or purchase, Wellpoint Systems can handle the toughest soils and groundwater conditions.



WELLPOINT SYSTEM



WORKING PRINCIPLE

Wellpoint Dewatering is a simple, efficient method of temporarily lowering the groundwater table in a localized area to allow for construction.

The system consists of a series of shallow wells, called **Wellpoints**, installed around the excavation. The Wellpoints use a **Riser Pipe** to reach the desired depth, and allow the Wellpoint to extract the ground water. The Riser Pipe is connected to a manifold, called **Header Pipe**, by a flexible hose, called a **Swing Joint**. The Swing Joint is connected to an adjustable **Header Valve**, and to the top of the Riser Pipe. The adjustable Header Valve provides a method to control the air and groundwater entering the Header Pipe. The Header Pipe is connected to a Wellpoint Pump, such as a Rotary Wellpoint Pump, Vacuum Wellpoint Pump, Piston Wellpoint Pump or a Vacuum-Assisted Dry Prime Trash Pump.

The Wellpoint Pumps were designed specifically for wellpoint applications, and handle ground water, air, and soluble gases found in the water. Wellpoint systems affect only the immediate area around the construction site and produce minimal effect on water quality.

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
 Moncton, NB, Tel.: (506) 857-2244 • Halifax, NS, Tel.: (902) 450-1177 • St. John's, NL, Tel.: (709) 722-6717

We have several pump lines that can handle wellpoint applications:

- Rotary Wellpoint Pumps – R & RW Series
- Vacuum Wellpoint Pumps – VW Series
- Piston Wellpoint Pumps – PW Series
- Multi-Purpose Dry Prime Vacuum-Assisted Pumps – V Series



Header Valve Assembly
Adjustable plastic valve to control water and air flowing into the Header Pipe from the Wellpoints and Risers.

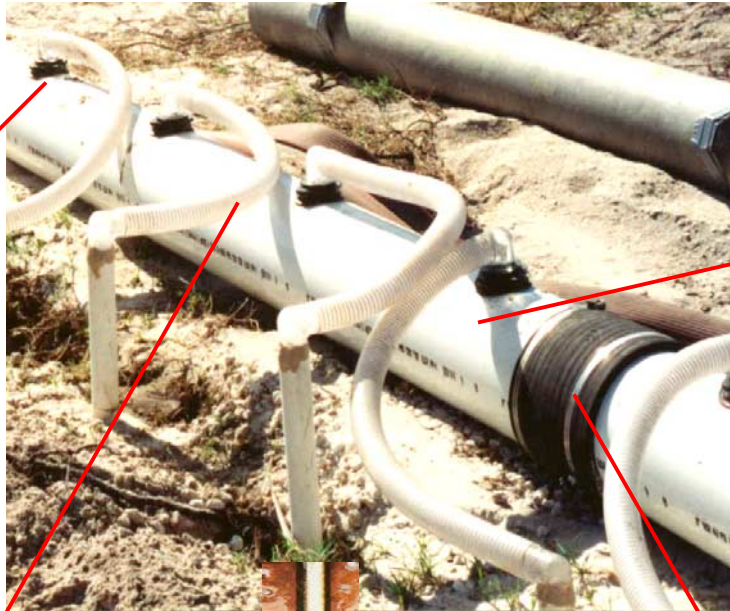


Swing Joint
Clear flexible hose that connects the Riser Pipe to the Header Valve Assembly.



Wellpoint
Used to draw air and water from under ground to temporarily lower the water table in a limited area and allow for construction.

Self jetting, stainless steel with PVC screens, or all PVC Wellpoints are available.



... below the surface



Header Pipe
Choice of standard 6" or 8" diameters. Used to direct the ground water into the pump.



Header Coupling
Flexible rubber sleeve with stainless steel clamps to temporarily connect Header Pipes.



Riser Pipe
Used to lengthen the Wellpoint to achieve a desired depth. Different sizes are available in PVC and galvanized steel.

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