

Your Geothermal Solutions



Pipe ●
Unicoils

Fusion Equipment ●
Headers

Fittings ●
Vaults

Quality People ● **Quality Products** ● **Quality Processes**

Trust earned through performance

The Wolseley Geothermal Solution

Ground source heat pumps are electrical HVAC systems that tap the stored energy of the largest solar collector in existence: the earth. These systems use the earth's relatively stable temperature to provide the heating, cooling, and hot water for your homes and commercial buildings.

Ground source heat pumps can be closed or open loops, and those loops can be installed in three ways: horizontally, vertically, or in a pond or lake. The design depends on the available area and the soil conditions at the installation site. These factors will help determine the most cost effective choice for installation of the ground loop.

For closed loop systems, water or antifreeze solution is circulated through plastic pipes buried in the ground. During the winter, the fluid collects the warmth from the earth and carries it through the system and into the HVAC system. During the summer, the system reverses itself to cool the building by pulling heat from the building, carrying it through the system and placing it back in the ground. This process ceates low cost hot water in the summer and delivers substantial hot water savings in the winter.

Open loop systems operate on the same idea as closed loop systems and can be installed where an adequate supply of water is available and open discharge is feasible. Cost savings similiar to the closed loop system are obtained.

Ferguson Industrial Plastics is one of the largest suppliers of HDPE pipe, fittings and fusion machines in North America. We have technical specialists located in every region to help with your design requirements. Give us a call and let us help with all your geothermal system requirements.



Wolseley Industrial Geothermal Products

Unicoils

Wolseley Industrial stocks and sells pre-fabricated U-Bend coils in a variety of sizes. This assembly has the coils of pipe fused to a U-Bend for ease of installation.

Headers

Wolseley Industrial fabricates a wide variety of header systems to fit your specific geothermal systems. The fabrications are made in our factory to our strict guidelines to give you many years of trouble free service.

Vaults

Wolseley Industrial builds the finest HDPE vaults and manholes for your geothermal system. We use the latest state of the art fabrication methods to insure a leak free system.

Pipe and Fittings

Ferguson Industrial Plastics has all the pipe your geothermal system requires. Our HDPE pipe is available in coils or straight lengths. HDPE Geothermal system fittings are in stock and ready to ship for your project.

Flush Cart Rentals

Complete your systems with a flush cart rental from Ferguson Industrial Plastics.



System Connections

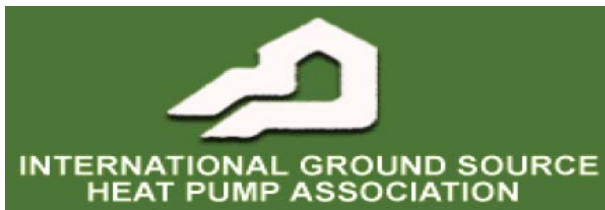
Ferguson Industrial Plastics has every type of connection your geothermal system will need. Socket fusion, butt fusion, electro-fusion or stab joint, we have you covered.



Fusion Machines

Rent or buy, we have them all. McElroy socket, and butt fusion machines. Raptor electrofusion equipment. It's all here when you need it.





Ferguson Industrial Plastics is a member of the International Ground Source Heat Pump Association.

www.hdpe.com

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