

Hydronic Heating Systems

- Economical natural gas—combined with hydronic heating technology—helps lower homeowner operating costs for heating.
- Versatile designs will help cut costs of home heating for both inside and outdoor uses.
- Installation is easy.



Economics of Hydronic Heating Systems

Economical natural gas—combined with hydronic heating technology—helps lower operating costs for your home. And installing it has never been easier. Some types of hydronic heating, such as the increasingly popular radiant heating, may cost more, but the advantages of heating with hot water far outweigh the cost considerations. Here's why:

Water retains heat and is one of nature's most efficient conductors of heat. Once you heat water in the boiler, that water stays hot for a long time—long after the boiler stops firing. This heated water is circulated throughout the house and continues to heat the home. To achieve greater efficiency and savings, hydronic heating can be easily zoned. Rooms that are used less frequently can be heated to a lower temperature.

Versatile Design Cuts Costs

A primary advantage of hydronic heating is that it is inherently multi-purpose. The same boiler used for home heating can also provide domestic hot water, pool and spa heating, sidewalk and driveway snow melting and even towel rack warming. You can also use different types of hydronic heating delivery systems in separate areas of the home.

Easy Installation

Installing a hydronic heating system is surprisingly fast and easy. Hot water can be circulated throughout a house by using copper or small, flexible PEX tubing (extremely durable tubing manufactured from polyethylene plastic). This tubing is easy to install, requires very little maintenance and saves time and money.

Advantages of Hydronic Heating Systems:

- Hydronic heating can save you money by lowering operating costs for your home.
- Hydronic heating can be easily zoned so you can achieve greater efficiency and savings by lowering heating temperatures in desired rooms.
- Reset controls adjust the temperature automatically to match outdoor conditions so you can save up to 20 percent more than conventional heating systems.
- Hydronic heating is multi-purpose so it can heat your home while providing heat to other indoor and outdoor heating appliances.
- Hydronic heating systems are quiet and draft-free. Because they rely on the natural tendency of heat to rise, they are not dependent on air movement. Therefore, they do not scatter dust mites or other allergenic materials throughout your home.
- Hydronic heating installation is fast and easy.