

The Wonderful World of Water



Premier water-to-water geothermal systems from WaterFurnace are **so versatile** they can heat and cool your home, provide hot water, heat your pool or spa and even melt the snow on your sidewalks and driveway – all with **one quiet and reliable unit**. The **comfort and efficiency** of a WaterFurnace water-to-water unit are unrivaled in the heating and cooling industry. These geothermal units burn no fossil fuels – and operate at such high efficiencies – that they can provide **annual energy savings as high as 70 percent** over ordinary systems. Versatile, efficient, clean and reliable. Now your choice for superior home comfort is as **clear as water**.

Make Water Work for You

Adaptable to many applications, the Premier water-to-water unit combines efficiency, reliability and safety. This unit delivers superior comfort for applications using radiant floors, radiators, and fan-coil units. It also supplies hot water for domestic needs, or for pools, spas and snow and ice melt. All this is done at a fraction of the cost of ordinary boilers or other water-heating devices because Premier geothermal systems use the unlimited energy found naturally in the earth to operate at much higher efficiencies. And there are no concerns about flames, fumes or carbon monoxide – just safe and reliable performance and years of energy savings.

Radiant Heat

An in-floor radiant heating system circulates hot water through a series of pipes encased in the floor. Acting as a giant radiator, the floor generates warmth to people and furnishings without those blasts of dry, hot air associated with gas, propane and oil furnaces. You stay comfortable through conductive heat, while the air passing over the warm floor provides additional convective heat. Because the piping system is encased in the floor, furniture can be arranged without blocking register vents. Other radiant heat applications requiring hot water, including wall or floor-mounted radiators, also may be used.

Fan-Coil Systems

Your WaterFurnace water-to-water unit also can be used with fan-coil units, in which hot or cold water passes through a water coil in an air handler to supply conditioned comfort. The water-to-water unit delivers the right temperatures of water to heat, cool and dehumidify.

Water Heating

Your system can be designed to generate an abundant supply of hot water, provided efficiently and reliably whenever you need it. The cost of this hot water will be significantly less than with ordinary systems.



Pool and Spa Heating

With efficiencies three times that of conventional pool heaters, the WaterFurnace water-to-water can reduce water heating costs for pools dramatically. Owners of outdoor pools in colder climates can affordably extend their swimming season with a reliable supply of efficiently-heated water.

Snow and Ice Melt

Using pipes embedded in a sidewalk, driveway, or patio, warm water is delivered to the area to keep the surface free of snow, ice and moisture – turning winter into spring.