

Variety of Geothermal System Applications

WaterFurnace geothermal units can be installed in a wide variety of installations -- new or old homes, residential or commercial, large or small. Although most systems are simply single units in a forced air application, geothermal systems can also be used for other types of installations.

Radiant Floor Heating - Some geothermal units can provide hot water for radiant floor applications, utilizing tubing encased in the floor. By circulating warm water through the tubing, the room is comfortably conditioned. Since the entire floor acts as a giant radiator, you'll experience consistent comfort throughout the room from head to toe. Floors covered in tile, wood, linoleum or stone are kept toasty warm, even on the coldest days. Homeowners with radiant floor heating systems enjoy the benefit of warm bathroom floors even with bare feet. Basement floors or other concrete slab floors are also a perfect application for radiant heating. And with an individual thermostat in every room, you can simultaneously keep the bathroom floors at a higher temperature, your bedrooms and main living spaces warm and cozy, while just taking the chill off a basement floor; it's completely up to you.

Domestic Hot Water - Homes with large demands for domestic or potable water heating will benefit from the exceptional efficiency of geothermal units. When used in conjunction with another geothermal unit to condition the air inside the home, the complete system provides the ultimate in savings and comfort with safe, reliable, quiet performance.

Pool Heating - Units can also be utilized to heat water for pools and spas. You'll find a geothermal unit will heat your pool or spa for much less than an ordinary pool heater. And compared to fossil fuel burning heaters, it's much safer too, without the concerns associated with carbon monoxide poisoning.

Snow & Ice Melt - Using a geothermal unit, you can keep your sidewalks or driveway free of ice and snow during the cold winter months. Eliminate the hazards of walking on ice-covered sidewalks, and forget the back-breaking effort of shoveling snow.

Commercial Applications - In addition to being a smart choice for residential installations, many commercial and institutional buildings utilize geothermal systems including offices, retail, hotels, apartments/condos, resorts, schools, hospitals, assisted living centers and manufacturing facilities.

