Radiant Floor Heating

A Comfortable Alternative for Homeowners

A radiant floor heating system is a cost-effective alternative to conventional heating that provides superior home comfort, adds value to your home and is energy efficient.

Radiant floor heating includes two primary components: the tubing—which is placed beneath the floors of your home—and the heating source—a water heater or boiler. Though radiant technology works with virtually any fuel, systems fueled by natural gas are the most efficient and the most popular.

Types of Systems

There are many equipment options and different ways to install radiant floor heating systems, including:

- **Single-purpose system**: A water heater or boiler provides heated water to the radiant floor system for space heating.
- **Dual-purpose system**: A single unit performs two functions in one, supplying energy for both the radiant floor system and hot water.
- **Contained system**: Water supplies for the radiant floor heating system and household water are isolated by separate coils within the tank. The tubing is filled with glycol to prevent freezing in seasonal and outdoor installations.

Radiant Floor Heating Is Flexible and Versatile

The installation of a radiant floor system at the time of construction gives homeowners maximum flexibility in choosing an option that meets their needs. Systems can be installed under almost any type of finished floor material, including ceramic, wood, tile, marble, concrete or carpeting.

Advantages of Radiant Floor Heating:

- Radiant floor heating provides superior comfort by spreading heat more evenly and reducing cold spots.
- Cold floors are virtually eliminated, whether the surface is wood, tile, marble or carpeting.
- Radiant systems are quiet—they have no blower fans.
- Heating can be directed to specific zones or rooms, each equipped with thermostats for added efficiency.
- Dual-purpose systems offer equipment cost savings.
- Radiant floor heating is a comfortable, efficient option for new construction, remodels and new room additions.
- Radiant floor tubing is so versatile that it can be installed in your garage floor, walkways and driveways to melt snow.

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