

Consumer Guide to Hydronic Home Heating



The Ultimate in Heating Comfort

At last, you can have the heating comfort you've always desired. Whether you are buying a new home or remodeling an existing home, this is your opportunity to upgrade to hydronic (hot water) home heating. It is the ultimate in heating comfort, efficiency, and cleanliness.

The Dream Heating System: Soothing, Highly Efficient Hydronic Heating

In a Hydronic Heating system, water is heated by a boiler and then circulated to every room in the house to baseboard units, stand-alone radiators, or radiant tubing hidden in the floors, walls or ceilings. The result is quiet, draft-free, clean, and comforting warmth.

- **Unsurpassed Heating Comfort:** Your home will no longer have hot spots, cold spots, or drafts - just gentle, even, silent heat that automatically regulates itself to your desired comfort level. You won't even notice that the heating system is operating, and that's heating comfort at its best!
- **Extremely Efficient Heat:** Hydronic Heat gently heats the walls and furniture in the room, which delivers heat to you and your family and minimizes heat loss through the windows, doors, and ceiling. Furthermore, because Hydronic systems are sealed, there is virtually no loss of heat as it is distributed throughout your home.
- **Easy Zone Control:** Now you can "zone heat" every part of your house for big savings! You can automatically warm up the daytime living areas before you get out of bed and then let them cool down at night when you're not using them.



- **Trouble-Free Heating:** A Hydronic system has few moving parts, so maintenance is minimized. You'll have heating that's so comfortable that you'll never notice it.



- **Healthier, Environmentally Clean Heating:** Hydronic heat is gentle and draft free, so it does not circulate dust, odors, spores or germs around the house or in your lungs.



- **Flexible, Expandable Heating:** Your Hydronic system gives you total home comfort. Your system can be expanded to include efficient space heating and domestic hot water, swimming pool and spa heating, ice and snow melting for your driveway and sidewalks, and even towel rack warming.



- **Combine Hydraulics and Warm Air Heating:** There are even Hydronic Heating solutions for homeowners wishing to convert or supplement their existing warm air or heat pump systems.

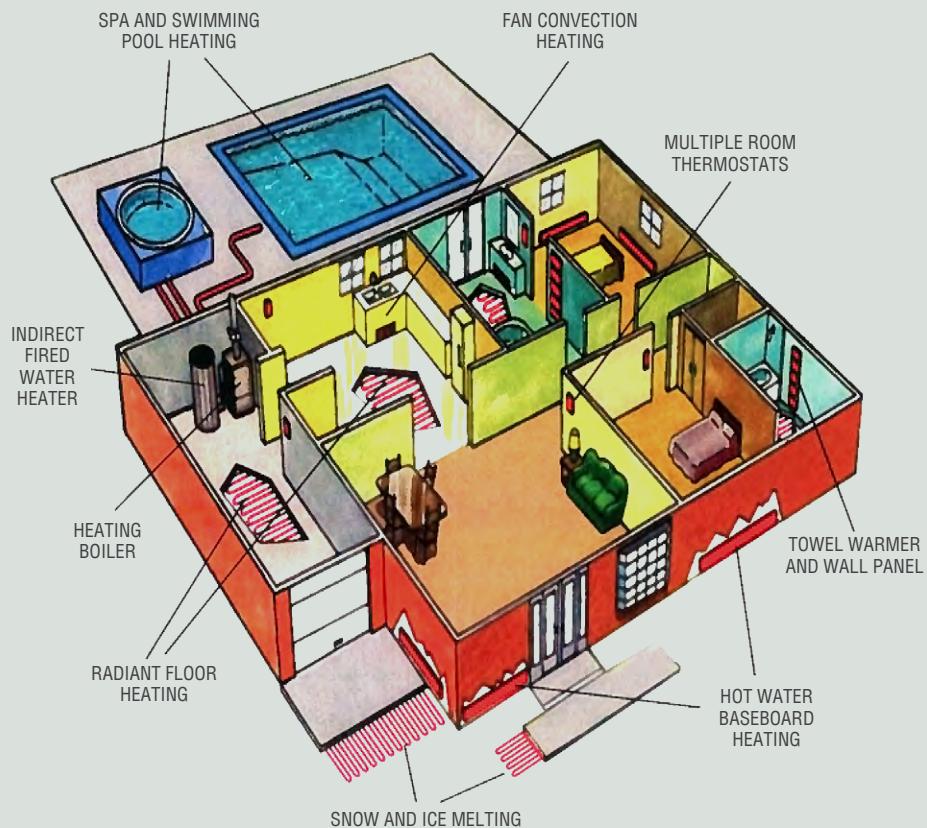


- **Operates with All Heating Fuels:** No matter which fuel you use to heat your home – natural gas, LP gas (propane), fuel oil, electricity or even solar energy – Hydronic Heating is ideal for highly efficient, convenient, and draft-free comfort.



Hydronic Heating is Whole-House Heating

Your Hydronic Heating system automatically heats your entire home with the comfort you deserve and without busting your budget. Individually set the heating level for each room of your house and pool, and enjoy plenty of domestic hot water whenever you want it.



Hydronic Heating Comfort Throughout Your Home

A Hydronic system can satisfy all of your heating needs, even when you remodel or expand your home. Hydronic Heating is the answer for comfort to every part of your home, inside and outside.

Gentle Baseboard and Radiator Heating

Millions of American homes have used baseboard units and/or radiators to heat their homes for many years. A central boiler circulates hot water to baseboard heating units or radiators throughout the house, delivering gentle, comforting heat.

Luxurious Radiant Heating

In this fast-growing use of Hydronic Heating, hot water circulates through extremely durable tubing installed in or under your floors, walls or ceilings. This luxuriant heating warms you and your furniture, not the air space in the room. Millions of smart homeowners throughout Asia and Europe have been using it for decades, and thousands of American homeowners consider radiant heating the ultimate heating solution.



Instant and Plentiful Domestic Hot Water

If you've ever run out of hot water for your shower or bath, indirect fired water heating is for you. Hot water from your boiler heats a coil either inside your boiler or in a separate water heater tank. The result is highly efficient and virtually limitless hot water for bathing, cooking, laundry, and dishwashing.

Hydronics and Air Conditioning

It is quick and easy to install a separate air conditioning system in your Hydraulically Heated home to assure comfortable heating and cooling.

Exhilarating Swimming Pool and Spa Heating

It's easy to expand your Hydronic Heating system to include swimming pool and spa heating. Enjoy a refreshing swim or a relaxing soak at the exact temperature of your choice and extend your swimming and spa season by months!



Safe, Trouble-Free Snow and Ice Melting for Driveways and Sidewalks

Long-lasting tubing embedded in your sidewalks and driveway distributes warm water that melts ice and snow.

Pampering Towel Rack Warming

Perpetually warm, snuggly towels, even on the coldest days, are an indulgence that will quickly become a necessity. You don't have to be a king or queen to live like one!



What do users of radiant heating have to say?

“When we decided to remodel, we were not aware of radiant heating. Our contractor brought in a radiant heating contractor who was professional and very helpful in explaining radiant heat to us and how it worked. We are so glad that we decided to go with radiant; we didn’t know what we were missing!”

– Buddy D., Homeowner in Massachusetts

“Being from Austria, I know that radiant heat is very popular in Europe; almost every new house has it. So when we built our house, we insisted on radiant heating in all of our three floors. It’s extremely comfortable heat and it’s very efficient. If I ever build another house, I’ll put in hydronic heating again.”

– Klaus W., Homeowner in New York

“Hydronics is the most comfortable form of heating because it’s slow, gentle, and steady. The temperature is the same everywhere in the room, with no hot spots or cold spots. Europeans pay up to three times as much as Americans do for fuel, so they are very energy conscious. In central Europe, 95% of heating installations are Hydronic.”

– John R., owner of JR’s Comfortable Heat in Connecticut



RPA Manufacturer Members



Now that you're informed, you can begin the process of choosing a contractor for your radiant project.

If you have any questions along the way, or would like to verify a professional's RPA training, visit www.radiantpros.org.

With a little research and the right contractor we are confident you will enjoy many years of radiant heating benefits.



Radiant Professionals Alliance

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