MrPEX® SYSTEMS

Radiant Benefits

Radiant Heating and Cooling Systems for
Residential & Commercial Applications

Enjoy the benefits of Radiant...

Radiant heat provides the most comfortable and even heat available today. No noisy blowers or uncomfortable drafts that are typically caused by traditional heating systems. Since water is capable of carrying heat much more efficiently as compared to air, it can therefore **circulate slowly and silently** through our MrPEX® tubing.

Radiant heat can save you up to 40 percent over traditional heating systems. Radiant heat provides even heat distribution from floor to ceiling. Therefore, the required temperature setting is usually two to four degrees lower. Since radiant systems require low water temperatures, taking advantage of today's renewable energy and high efficiency heat sources are a perfect match. In applications where chilled water is also available, the same system can be utilized for radiant cooling, further helping increase the system efficiency and comfort.

+ Comfort
+ Efficiency
+ Quiet
+ Control
+ Health

Radiant heating systems also provides the option of individual zone control. Each room can be set to a different temperature based on your preference and use pattern.

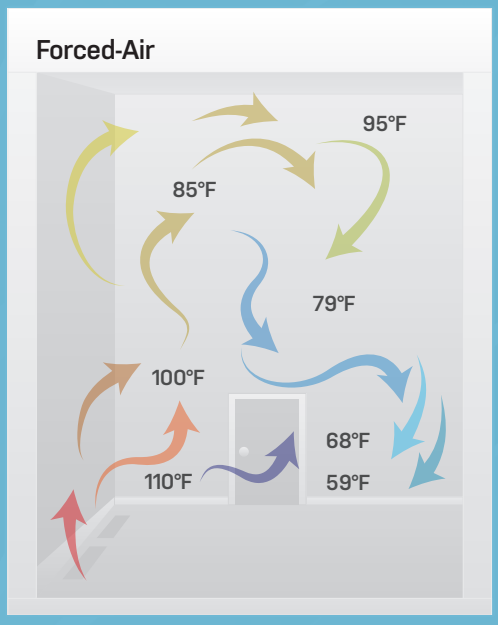
Have you ever taken a warm shower and stepped out onto an icy-cold tile floor? Let MrPEX® take the chill out of your floors. Warm floors can also transform your cold and damp basement into a warm comfortable living space.

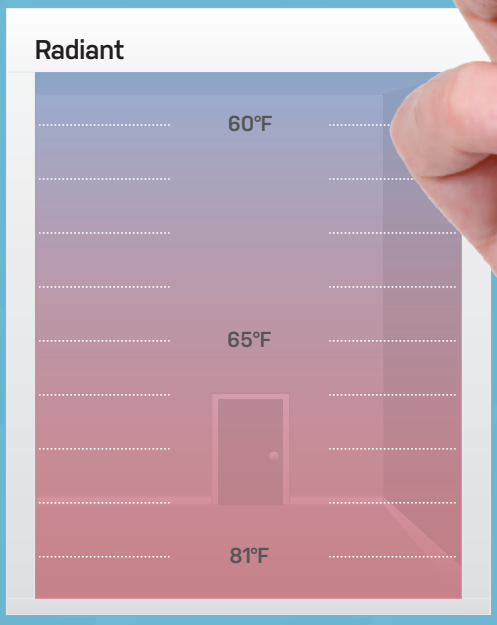
Since Radiant panels are invisible and do not require unattractive wall and ceiling vents. This gives you the freedom of limitless furnishing and design options.

Radiant systems do not require a furnace or ducts, thus reducing the risk of carbon monoxide poisoning. By **eliminating dirty air ducts**, radiant heat will reduce **dust**, **germs**, **viruses**, **molds** and **other airborne allergens** from spreading throughout the structure. Prescribed medications only treat the symptoms of allergies and asthma linked to indoor pollution—they do nothing to help eliminate the source of the problem! Radiant heating is the solution. **It is the ultimate choice for healthy living.**

MrPEX® Barrier PEX tubing is Cross-Linked Polyethylene (PEX-a) manufactured in accordance with ASTM F 876. Tubing is listed to ASTM F 876/877 (CSA B137.5), ICC ES PMG, and also certified by NSF (NSF-rfh). MrPEX® Barrier PEX tubing is rated by the Hydrostatic Stress Board of PPI (Plastics Pipe Institute) at: 160 psi at 73.4°F; 100 psi at 180°F; 80 psi at 200°F. MrPEX® Barrier PEX tubing has an EVOH oxygen barrier that meet DIN 4726.

A climate comparison between forced-air and radiant heating systems





Discover the many benefits of a MrPEX® radiant heating and cooling system.

Complete System Offerings

Versatile residential and commercial applications for both new construction and existing structures.

Integrated Dynamic Control

The ultimate in indoor comfort and energy control

For more information, visit **mrpexsystems.com**.

Why MrPEX®?

MrPEX® Systems offers all components required for superior radiant panel heating/cooling and snowmelt systems. MrPEX® Tubing is extremely flexible, unusually strong and kink-resistant. We operate with high integrity and customer service in addition to an **extensive 30 year warranty**.

MrPEX® Systems also offers a PEXa Plumbing System. Please contact your local rep or call us to find out more.

Who is MrPEX®?

MrPEX®—Tomas Lenman—started at Wirsbo Bruks AB in Sweden as a development engineer in 1971, developing the very first PEX process ever invented. He developed many Standard Specifications for PEX Tubing in Europe and Australia. MrPEX® wrote the ASTM F 876/877 for PEX Tubing during 1982–84. In 1982 he co-authored the book "Water and Pipes". He founded and managed Wirsbo Company (USA) 1984–1992 and continued consulting for this group until 1996. He authored the CSA B137.5 standard for PEX Tubing in 1989.

MrPEX® managed the successful start-up of Roth Industries PEX Tubing Division 1997–2001 after which he started his own radiant floor heating supply company: MrPEX® Systems using PEX Tubing with exclusive distribution in North America for LK PEX AB in Sweden. The unique production process is invented by Mr. Lennart Aagren of Sweden, previously manager of Uponor Innovation AB for many years, and his second innovation of a PEX Tubing manufacturing process.

No one has more knowledge and experience with PEX Tubing and Radiant Floor Heating Systems than MrPEX®.

MrPEX® SYSTEMS

mrpexsystems.com

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