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Uponor Systems: Radiant, Plumbing, Fire Sprinklers and Pre-insulated Pipe

Radiant Floor Heating and Cooling

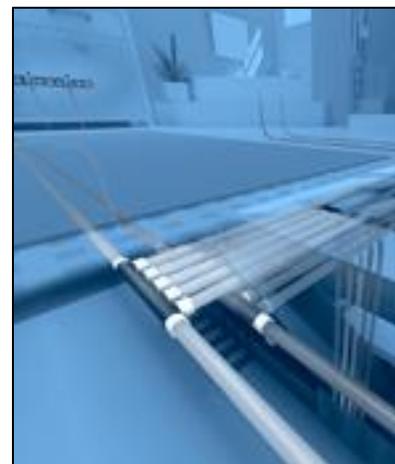
Uponor radiant floor heating systems circulate warm water through crosslinked polyethylene (PEX-a) tubing embedded under the floor for the most superior comfort with the greatest energy efficiency and indoor air quality available. With a radiant system, the warmth from the floor radiates up to surround people and objects, so environments are more comfortable even at a lower thermostat setting when compared with forced-air systems. Radiant works with all types of flooring — tile, wood, slate, linoleum — even concrete, making design possibilities endless. And because the tubing is hidden under the floor, home or building décor is not hindered due to floor vents, baseboard heaters and the like. Radiant is also highly beneficial for people with allergies because it doesn't circulate dirt, dust or other indoor pollutants like a forced-air system does.



Uponor Radiant Floor Heating and Cooling Systems are the ultimate in comfort and energy-efficiency for residential and commercial structures.

PEX-a Plumbing Systems

Uponor plumbing systems feature a flexible, durable crosslinked polyethylene (PEX-a) tubing called Uponor AquaPEX® — which resists corrosion, pitting and scaling, eliminates water hammer and singing pipes, and dampens rushing water noise. This tubing, coupled with Uponor's extensive line of accessories, including engineered polymer (EP) and lead-free brass products, offers the highest-quality system for residential and commercial plumbing applications.



Uponor PEX-a Plumbing Systems are a clean, flexible, durable and proven method for efficient potable-water delivery.

Fire Sprinkler Systems

In 1996, Uponor introduced AquaSAFE™ — the industry's first non-stagnant, multipurpose, residential fire safety system, which combines the home's potable cold-water plumbing system with the fire sprinkler system. This innovative design offers unparalleled peace of mind because it verifies water is available to the fire sprinklers each time a cold-water plumbing fixture is used, which eliminates the problem of stagnant water as well as the need for check valves, backflow preventers and antifreeze. Additionally, one plumbing contractor can usually install both the plumbing and the fire sprinkler systems, saving valuable time and costs while reducing construction scheduling hassles.



Uponor AquaSAFE™ multipurpose systems combine the fire sprinklers with the home's potable cold-water plumbing.

Pre-insulated Pipe Systems

Uponor Pre-insulated Pipe Systems offer flexible, plastic distribution piping for a variety of underground hydronic heating, cooling and potable-water applications. The system consists of crosslinked polyethylene (PEX-a) or high-density polyethylene (HDPE) service pipes protected by multilayer PEX-foam insulation and covered by a waterproof, corrugated HDPE jacket. The end result is a highly durable product that can easily and effectively maneuver around obstacles for fast, efficient underground installations and provide systems that more effectively keep hot water hot and cold water cold.



Uponor Pre-insulated Pipe Systems are the flexible, durable solution for underground fluid transport for hydronic heating, cooling and potable-water applications.

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