

Viega residential solutions

**Innovative technology
for any home**



viega



THE VIEGA ADVANTAGE

You can trust our products

Viega's standard of excellence demands excellence in every solution we engineer. So whether you're installing a Viega ProRadiant heating system or you're specifying a residential fire protection system with Viega PEX Press, you can trust that a Viega system will never let you down. With green technologies like the energy-saving Viega ManaBloc water distribution system, you can not only reduce installation time but also add value to your project. Whatever solution you choose, if it has Viega's name on it, you can trust it.

You can trust our people

Quality assurance in Viega products is unquestioned; the same is true of our employees. Viega provides unparalleled service and support because our team isn't just the 500 employees across North America; it's also the 4,000 employees around the world. That means your local Viega representatives are backed by the tried-and-true global heritage of Viega with the strength and resources of a company that's been going strong for more than a century.

You can trust our processes

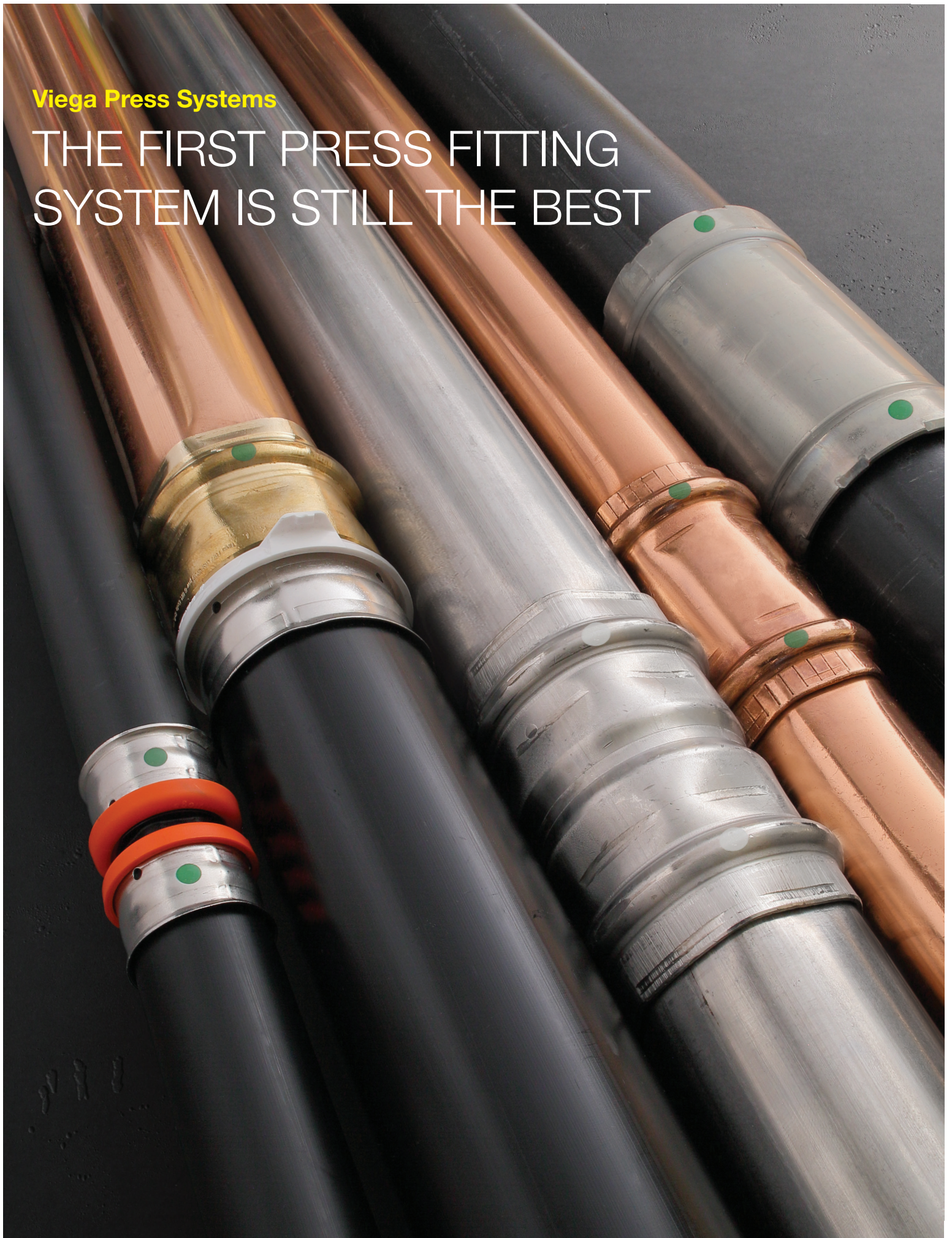
Viega system solutions don't just happen; they are engineered, manufactured and tested. True quality means never compromising on what matters, like standards, reliability and performance and Viega products aren't ready until they exceed all three. But Viega's dedication to excellence doesn't end with manufacturing. With four strategically located distribution centers, Viega delivers to customers faster than our competition, shipping products in 48 hours or less. The Viega Supply Chain provides reliable service to keep distributors stocked and projects on schedule.

You can trust our promise

To Viega, quality is more than a statement; it's a promise. Viega's legacy of excellence began more than 115 years ago. Since then, Viega has demonstrated to the world that innovation and integrity can perform without compromise.

Viega Press Systems

THE FIRST PRESS FITTING
SYSTEM IS STILL THE BEST



High expectations

Safe, reliable and proven, Viega press fitting systems perform to the highest level. A proven method used around the world, pressing is the new standard in plumbing. Since Viega is the only manufacturer to offer press fittings in multiple materials, installers can choose the system solution that best fits the project. Viega has the innovative solution you need to get the job done right the first time. With proven quality, time-tested efficiency and personalized service, Viega is your solution.

- Makes secure, consistent press connections in seconds
- NSF-approved materials like polymer, copper and 316 stainless
- The only carbon steel press fitting for gas applications
- Meets the strictest codes and standards in North America

Viega offers the most complete potable water plumbing systems in North America.

For a complete homerun plumbing solution, the Viega ManaBloc system reduces fittings behind the wall, minimizing potential leak points.

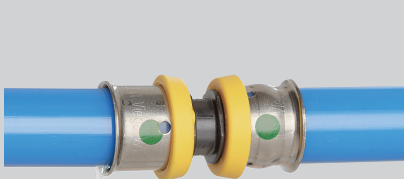
Viega heating and cooling systems are highly engineered to be user friendly.

From start to finish, Viega offers the highest-quality, most complete radiant heating solutions in the industry with PEX tubing, manifolds, controls and innovative systems like our multiple panel options. Viega provides everything you need to install radiant heating, or snow melting in driveways and sidewalks.

Viega Smart Connect feature is the industry's benchmark.

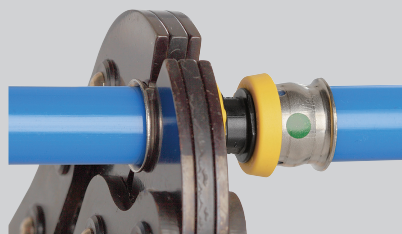
Viega PEX Press polymer fittings, Viega ProPress fittings and Viega MegaPress fittings include the revolutionary Viega Smart Connect feature, a trusted method to identify unpressed connections during testing. Only genuine Viega press fittings have the true Viega Smart Connect feature. Other manufacturers boast leak- detection methods but only Viega offers a proven way to verify that a fitting has been correctly pressed so installers can trust that the system is secure.

The Viega Smart Connect Feature



Unpressed

Identify an unpressed connection during pressure testing when water flows out of the fitting.



Pressing

Upon identification, use the press tool to press the fitting, making a leak-proof connection.



Pressed

PEX Press connections are fast and reliable and immediately ready for pressure testing.

Viega ProRadiant Systems

CLEAN, ENERGY-EFFICIENT
COMFORT CONTROL



Viega ProRadiant Heating and Cooling Systems

Energy efficiency, once a luxury, has become a necessity. In a world where energy sources are progressively more difficult to obtain and maintain, energy-efficient appliances, cars and homes are growing more and more essential. Installing radiant heating is one of the best ways to increase the energy efficiency of a home.

The Ideal Heat Curve

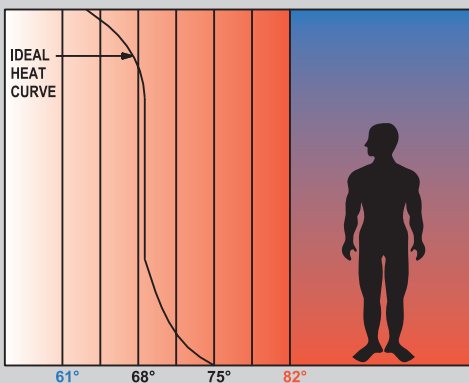
Developed by ASHRAE after studying the thermal environment around the human body, the Ideal Heat Curve is a representation of the ideal temperature of a room. According to ASHRAE's Ideal Heat Curve, for maximum comfort, the warmest temperatures should be at floor level while cooler temperatures should remain at head and ceiling levels.

The Comparison

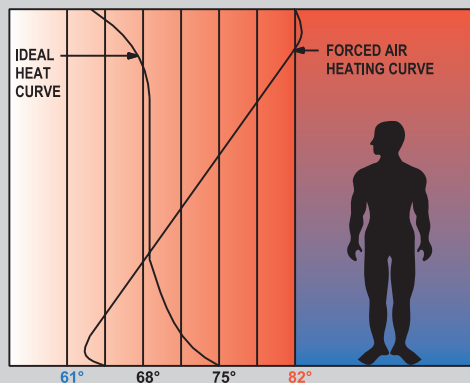
Between radiant floor heating and a conventional forced-air heating system, only one comes close to duplicating the Ideal Heat Curve. Radiant heating systems warm people and objects rather than just the air. With a forced-air heating system, the air increases in temperature and rises to the ceiling, the opposite of the Ideal Heat Curve. With a radiant floor heating system, the floor itself is heated and remains heated, unlike air, which loses its heat and must be reheated.

A radiant floor heating system provides consistent temperatures, specifically controlled by zones from room to room. Not only are the temperatures consistent and reliable but a radiant floor heating system is more energy efficient than a conventional forced-air heating system.

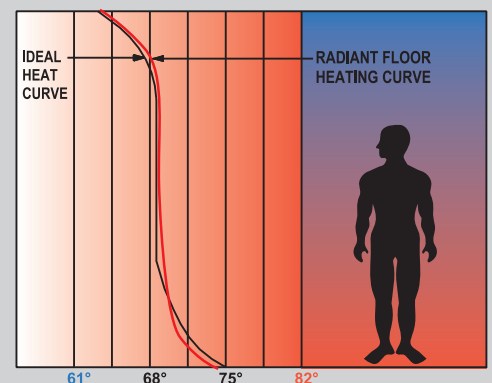
Ideal Heat Curve



Forced Air Heat Curve



Radiant Heat Curve



1

Viega MegaPressG Elbow

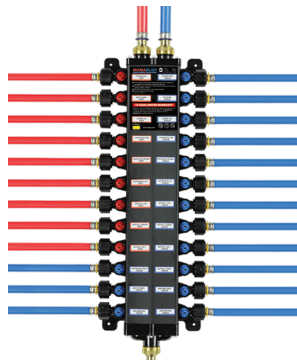
- The only carbon steel press fitting system for gas
- Available in 124 different fitting configurations



2

Viega PEX Press - Combination ManaBloc

- Fast hot water delivery with individually piped fixtures
- Increases energy savings by reducing water waste



3

Viega Climate Panels

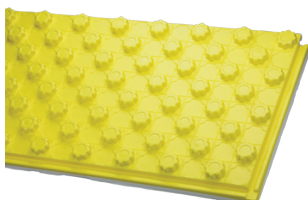
- Available in multiple configurations to suit nearly any floor plan
- Suitable for installation under any type of floor covering



4

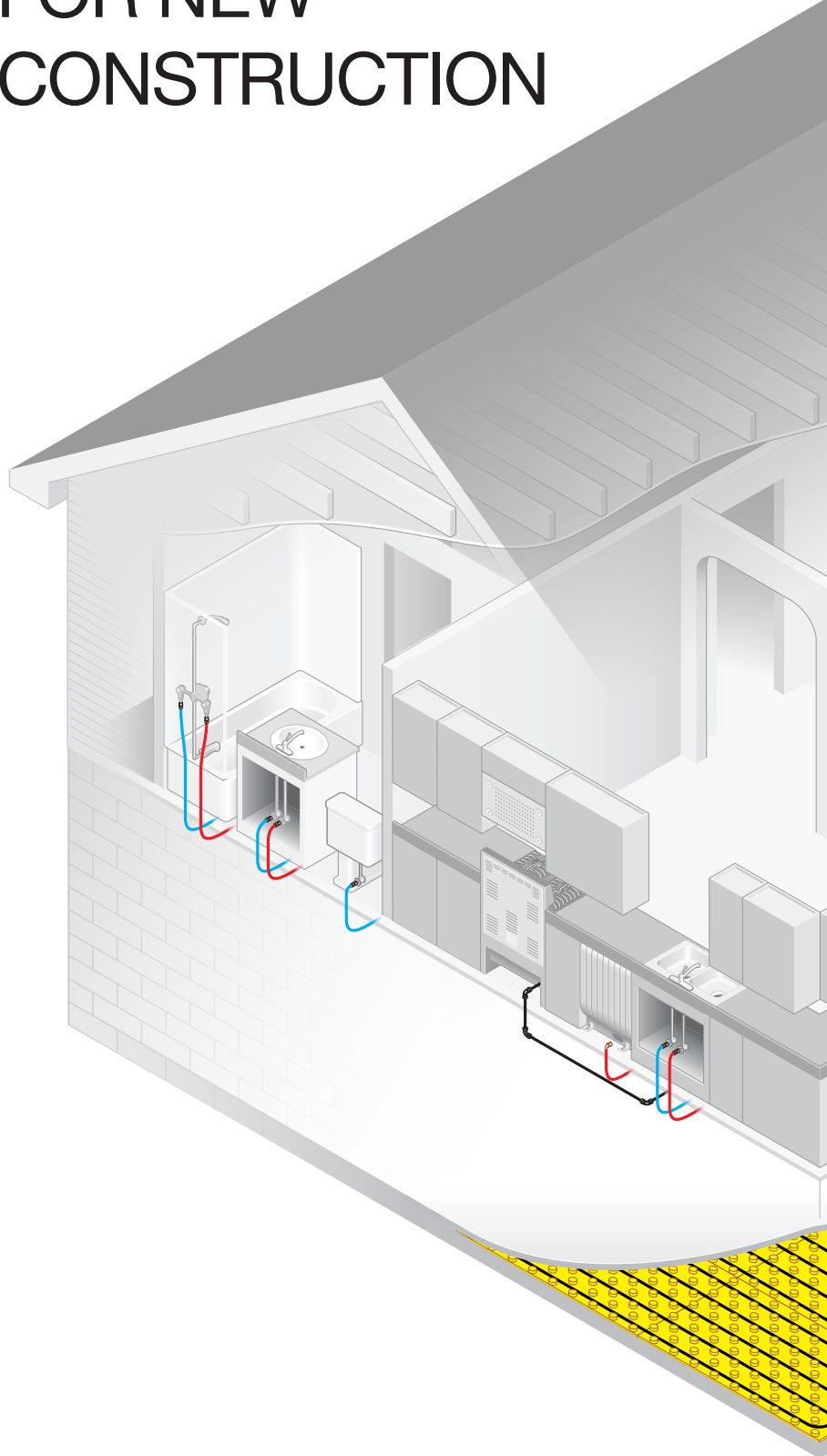
Viega Rapid Grid

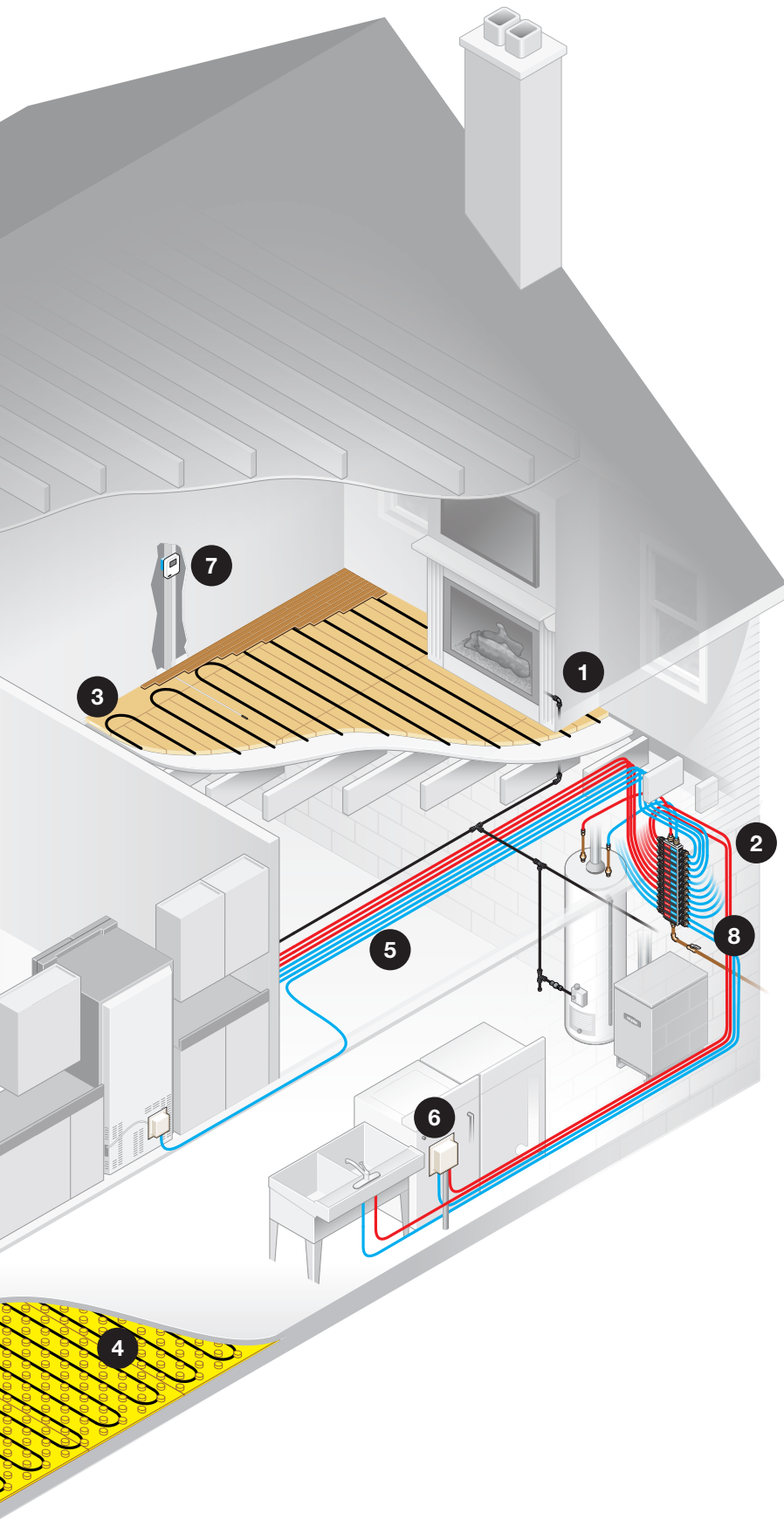
- Incorporates R-10 insulation, grid and vapor barrier
- All-in-one solution streamlines installation



Whole house solutions

VIEGA INSTALLATIONS FOR NEW CONSTRUCTION





5 ViegaPEX Ultra Tubing

- Flexible, durable tubing solutions allow easy access in tight spaces
- 30 years of proven performance



6 Washing Machine Box

- Variety of outlet boxes for multiple fixtures
- Complete accessories to finish plumbing installations



7 Thermostat multistage heat/cool

- Simple menus make operations easy
- Integrates with various HVAC equipment



8 Viega ProPress Ball Valve ZL

- Complete lead-free plumbing systems available in multiple materials
- Viega Smart Connect feature offers security



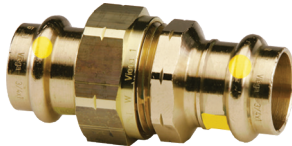
1 Viega Manifold with Press Connections

- High-quality combination manifold system
- Number of outlets ranging from two to eight



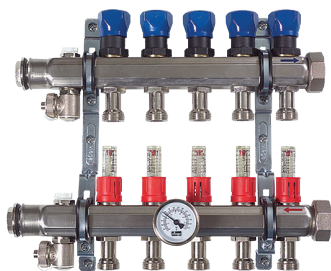
2 Viega ProPressG – Union

- Secure, airtight press connections in seconds
- Viega Smart Connect feature



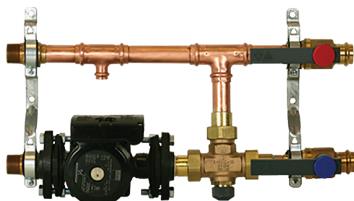
3 Viega Stainless Manifold

- Available with shut-off and balancing valves with flow meters for each set of circuits
- Preassembled and ready to mount for easy installation in hydronic systems



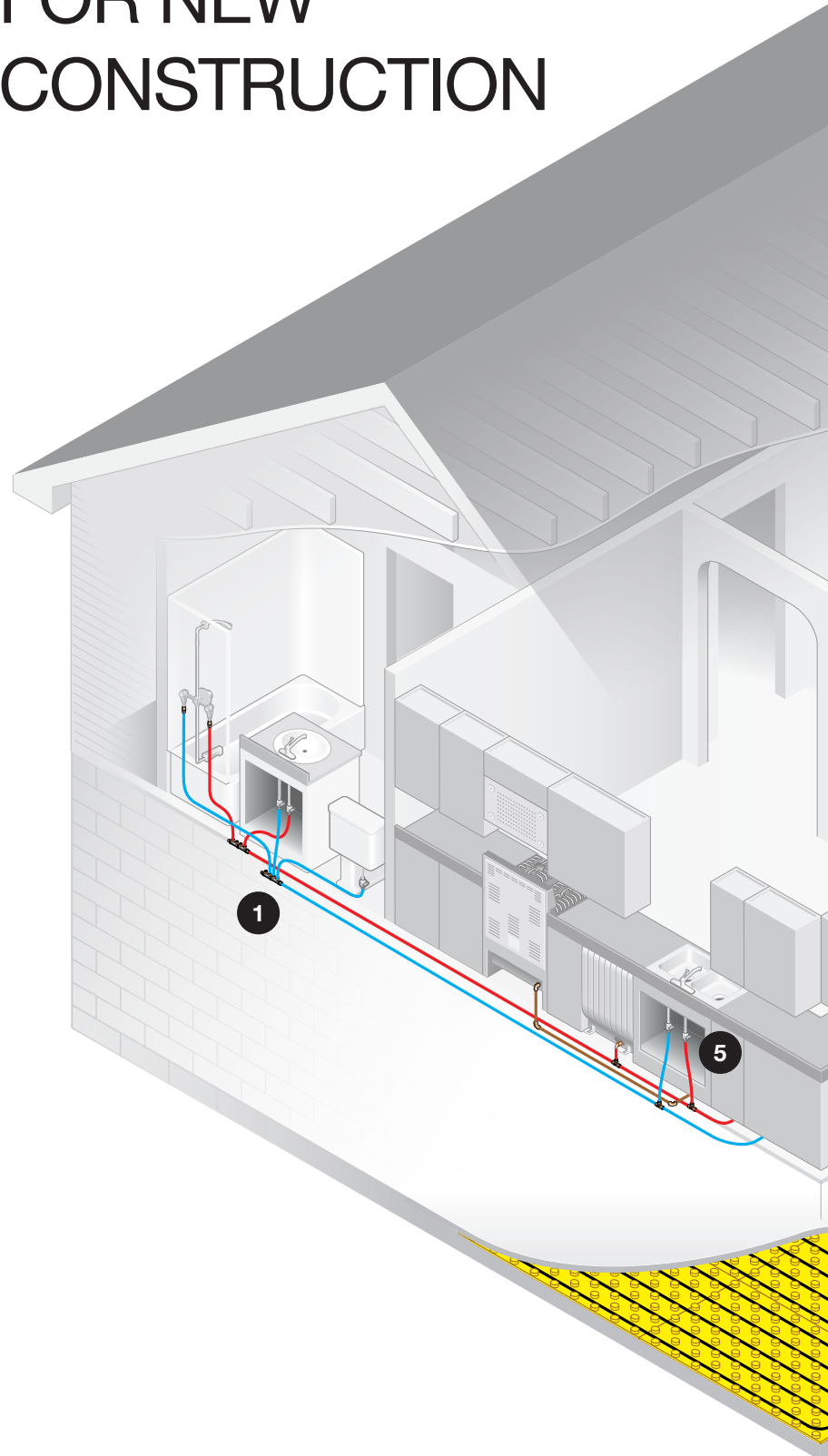
4 Enhanced Mixing Station

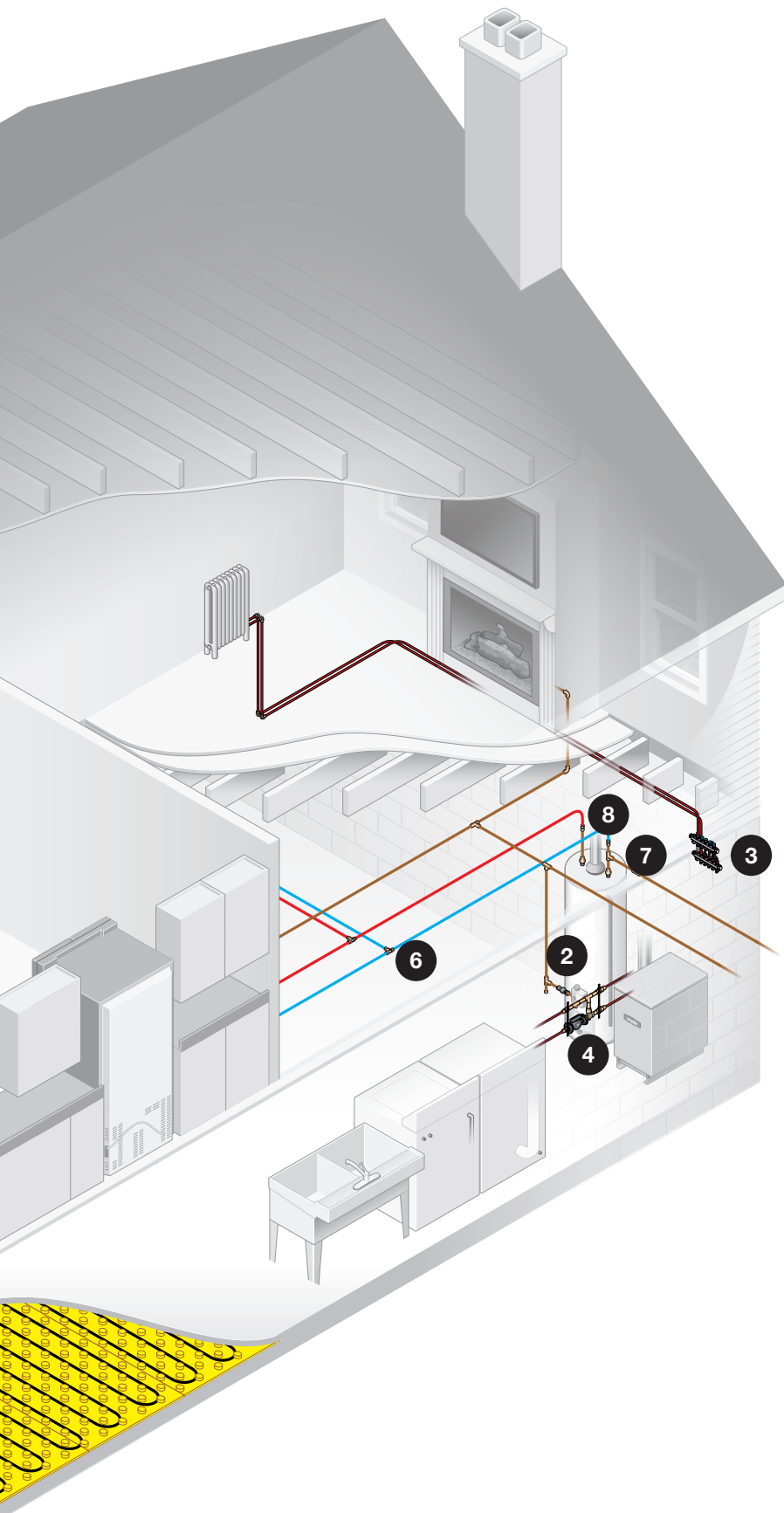
- Can reduce power consumption by 50% when compared to base mixing station
- Versatile boiler side connections and compatibility with most heat sources



Top to bottom

VIEGA INSTALLATIONS FOR NEW CONSTRUCTION





5

Stop Valve

- NSF 61-G approved for low-lead potable water systems
- Trusted Viega PEX Press connections



6

Viega PEX Press Tee

- Fast installations with no glues
- Factory assembled with stainless steel sleeves



7

Viega ProPress Tee

- Widest variety of sizes and configurations on the market
- Viega Smart Connect feature



8

Viega PEX Press FTG x PEX Adapter

- Transition from ProPress copper to PEX easily
- Installed with the same power tools for both copper and PEX



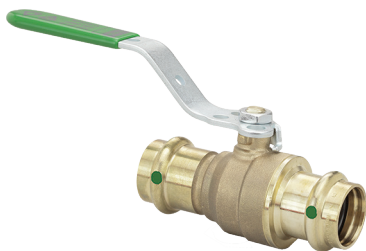
1 Heat Transfer Plate

- Attached to the underside of subflooring with no effect on floor height
- Cost-effective solution for radiant heating installation



2 Viega ProPress Ball Valve ZL

- Reduce downtime during installation
- Connections can be made wet or dry



3 Viega FostaPEX

- Aluminum-wrapped PEX tubing is flexible but holds its shape
- Approved for use in potable and hydronic systems



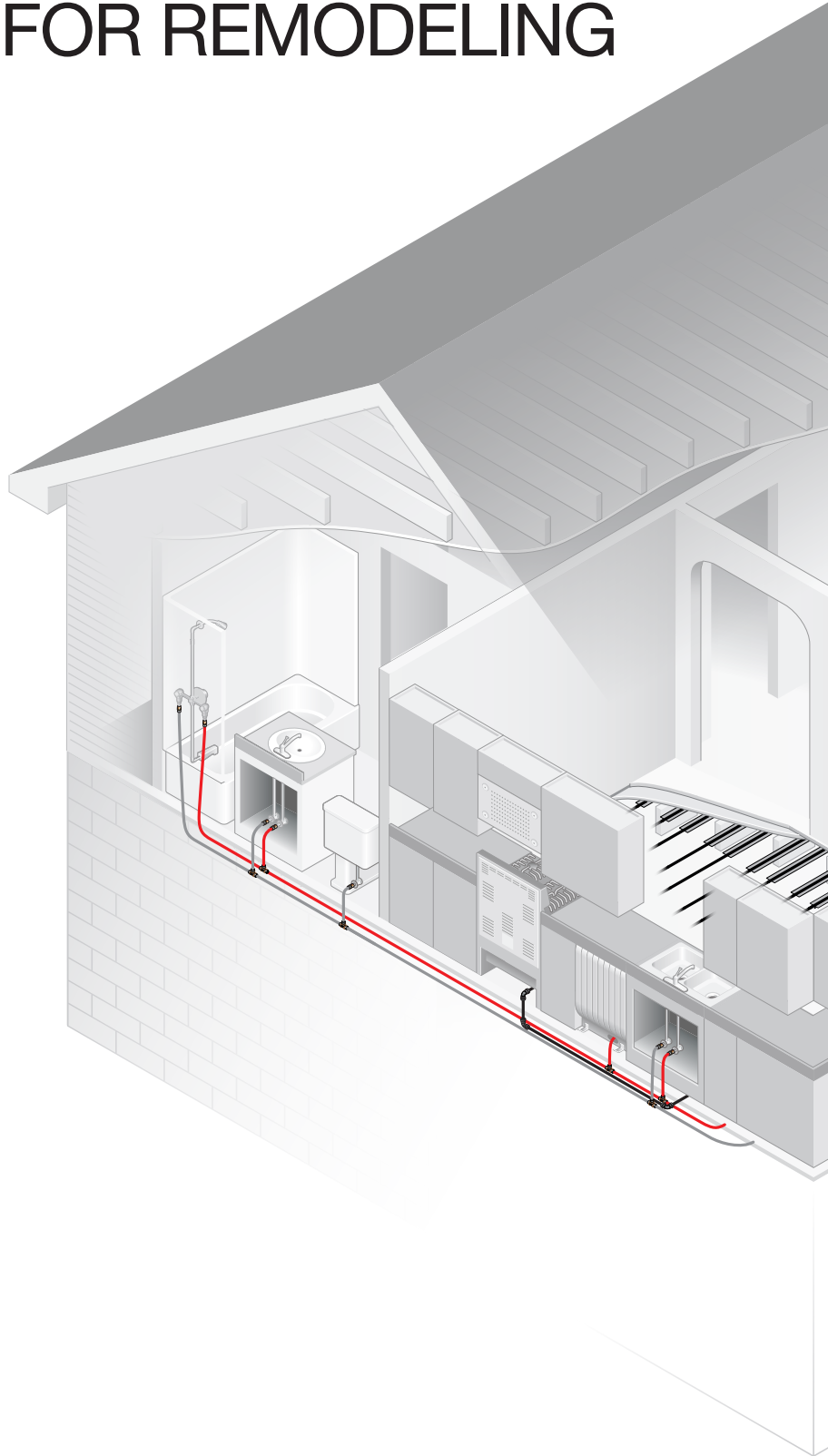
4 Viega MegaPressG Union

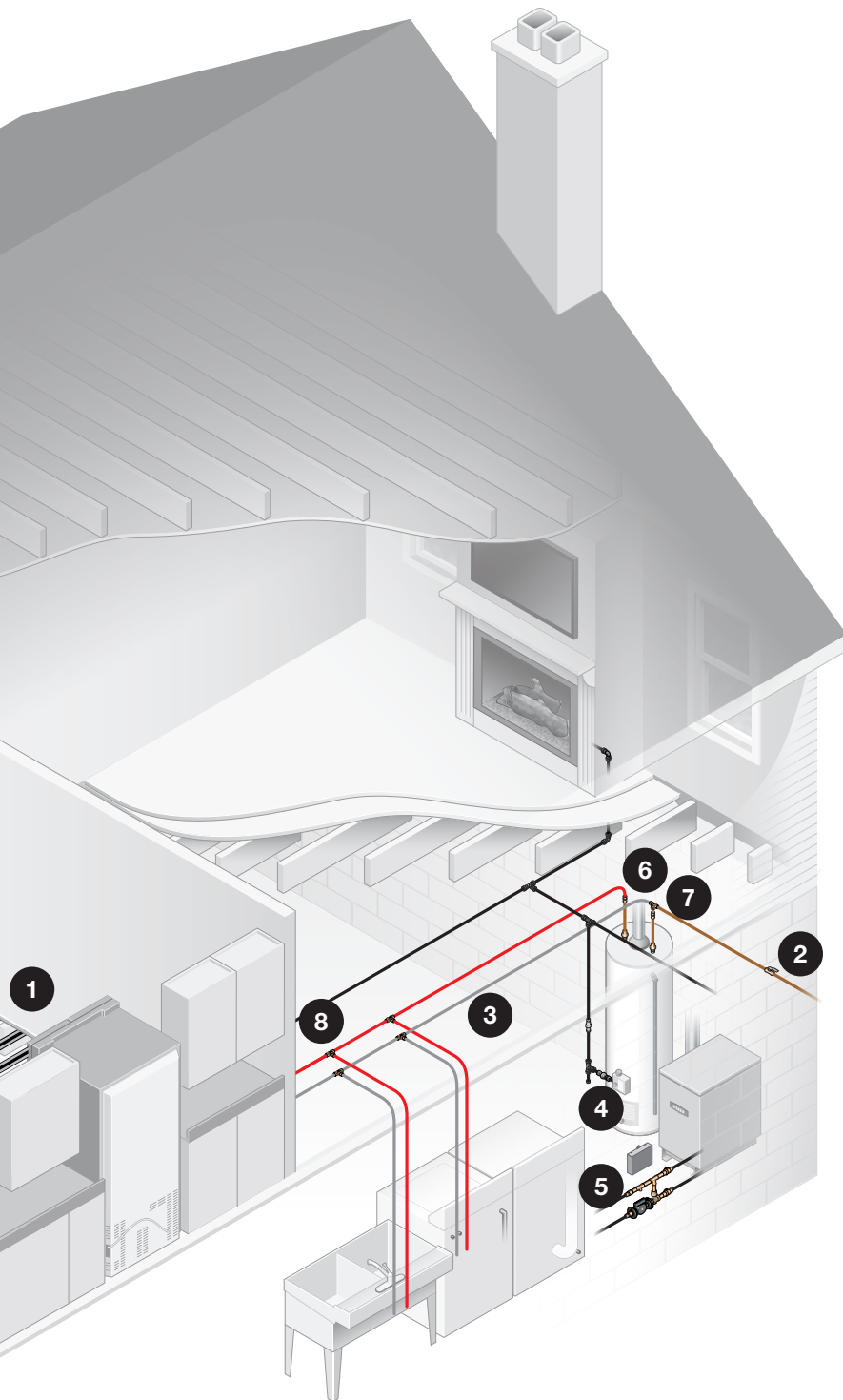
- Eliminates threading and messy cutting oils
- Make secure black iron press connections in seconds



Rediscover your dream home

VIEGA INSTALLATIONS FOR REMODELING





5

Basic Heating Control

- Consistently modulates water temperatures
- Easy to install and operate



6

Viega ProPress Adapter

- Easily transition from copper to Viega FostaPEX
- Viega Press technology provides secure connections



7

Viega ProPress Tee

- Available with choice of sealing elements: EPDM, HNBR and FKM
- Single source for every connection from the service line to the fixture



8

Viega PEX Press Tee

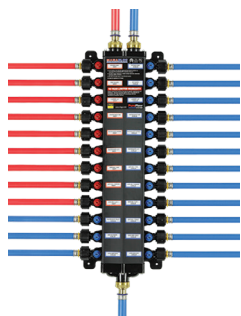
- Increased flow opportunities
- Viega Smart Connect feature



- 1 **Viega PEX Press Supply Adapter**
 - Connects PEX supply lines to the Viega ManaBloc and Viega MiniBloc
 - Easy transitions from various types of service lines



- 2 **Viega ManaBloc**
 - Reduces installation time
 - Individual shut-off valves to each fixture



- 3 **Dishwasher Supply Adapter**
 - Variety of fittings to terminate at the fixture
 - Complete system from the service line to the fixture

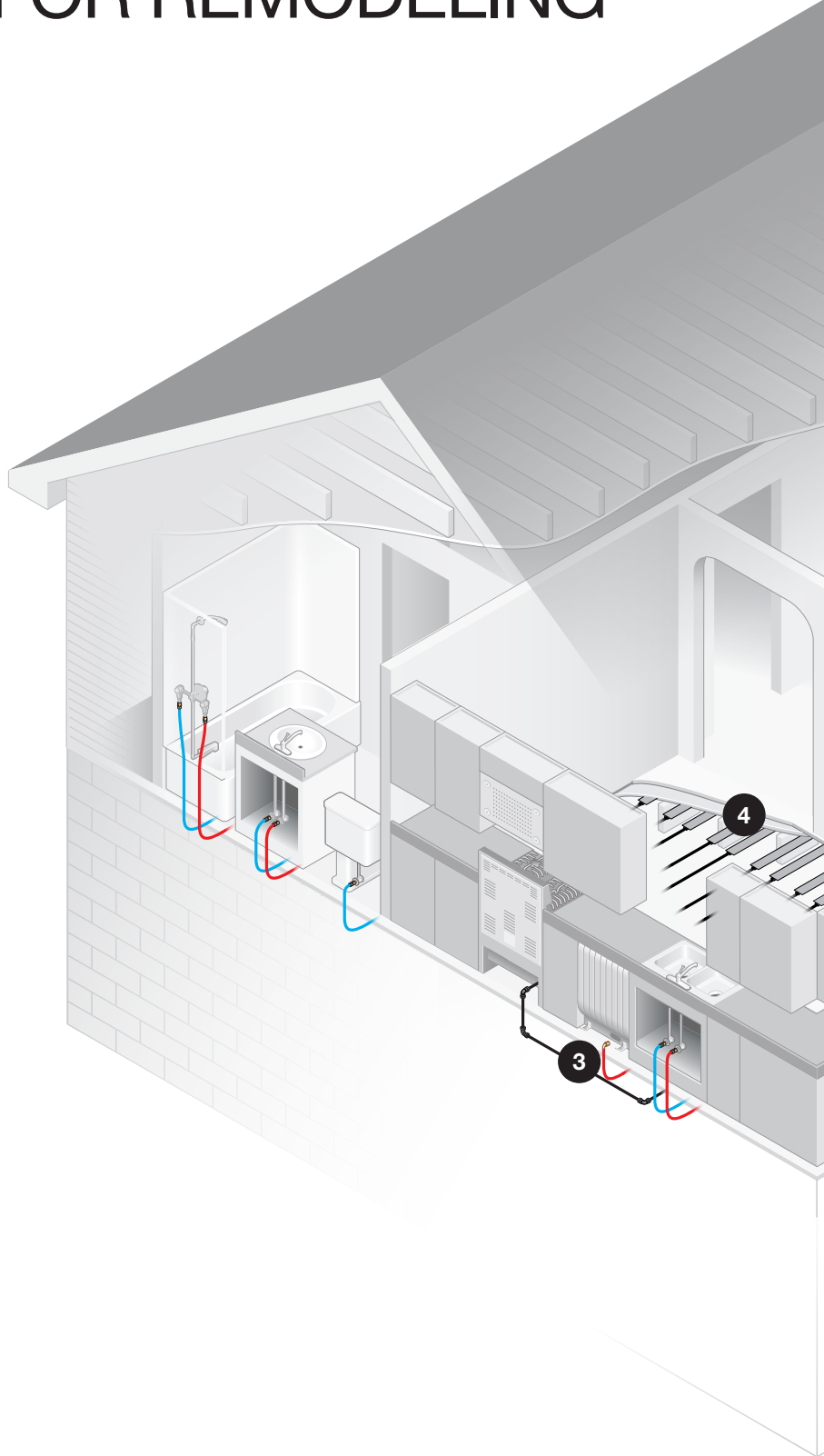


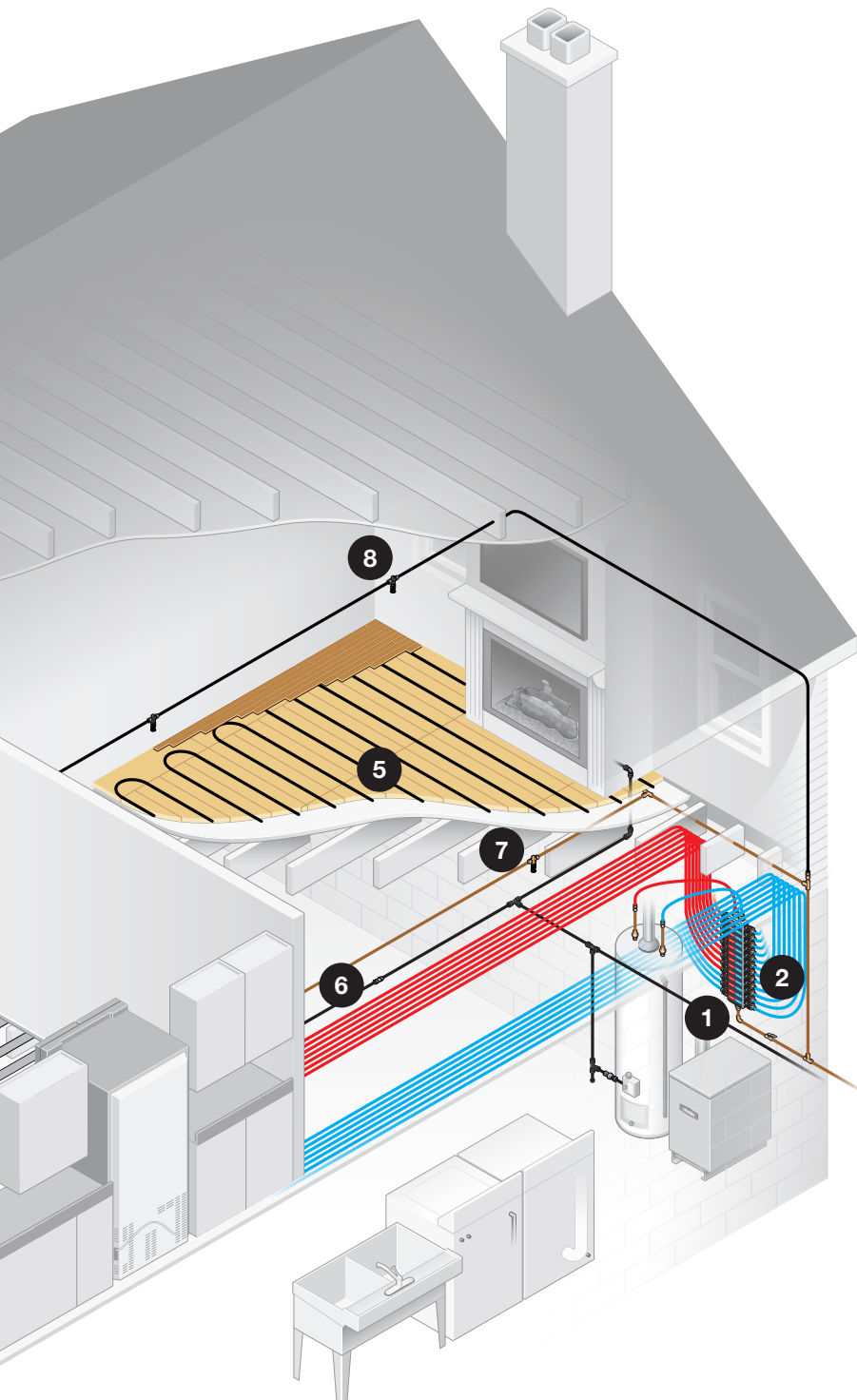
- 4 **Viega Climate Trak**
 - Designed with special channel for $\frac{3}{8}$ " or $\frac{1}{2}$ " ViegaPEX Barrier tubing
 - Ideal for retrofit applications



Give your home second life

VIEGA INSTALLATIONS FOR REMODELING





- 5 Viega Climate Panel**
- Lightweight and low profile
 - Consistent floor heating



- 6 Viega MegaPressG No Stop Coupling**
- Eliminates threading and messy cutting oils
 - Make secure black iron press connections in seconds



- 7 Viega Fire Protection System**
- Viega Smart Connect feature
 - Allows installers pre-fab connections



- 8 Viega PEX Press Fitting for Fire Protection Systems**
- UL listed approved for NFPA 13D multi-purpose systems
 - Sprinkler adapters can be mounted before tubing is run



1

Viega ProPress Tee

- Trustworthy connections without sweating or brazing
- Heavier than Type K copper



2

Viega MegaPressG Adapter

- Viega Smart Connect feature verifies secure connection
- System operates up to 180°F and 125 psi



3

Viega Climate Panels

- Most responsive radiant heating system in the industry
- Dramatically reduces installation time and cost



4

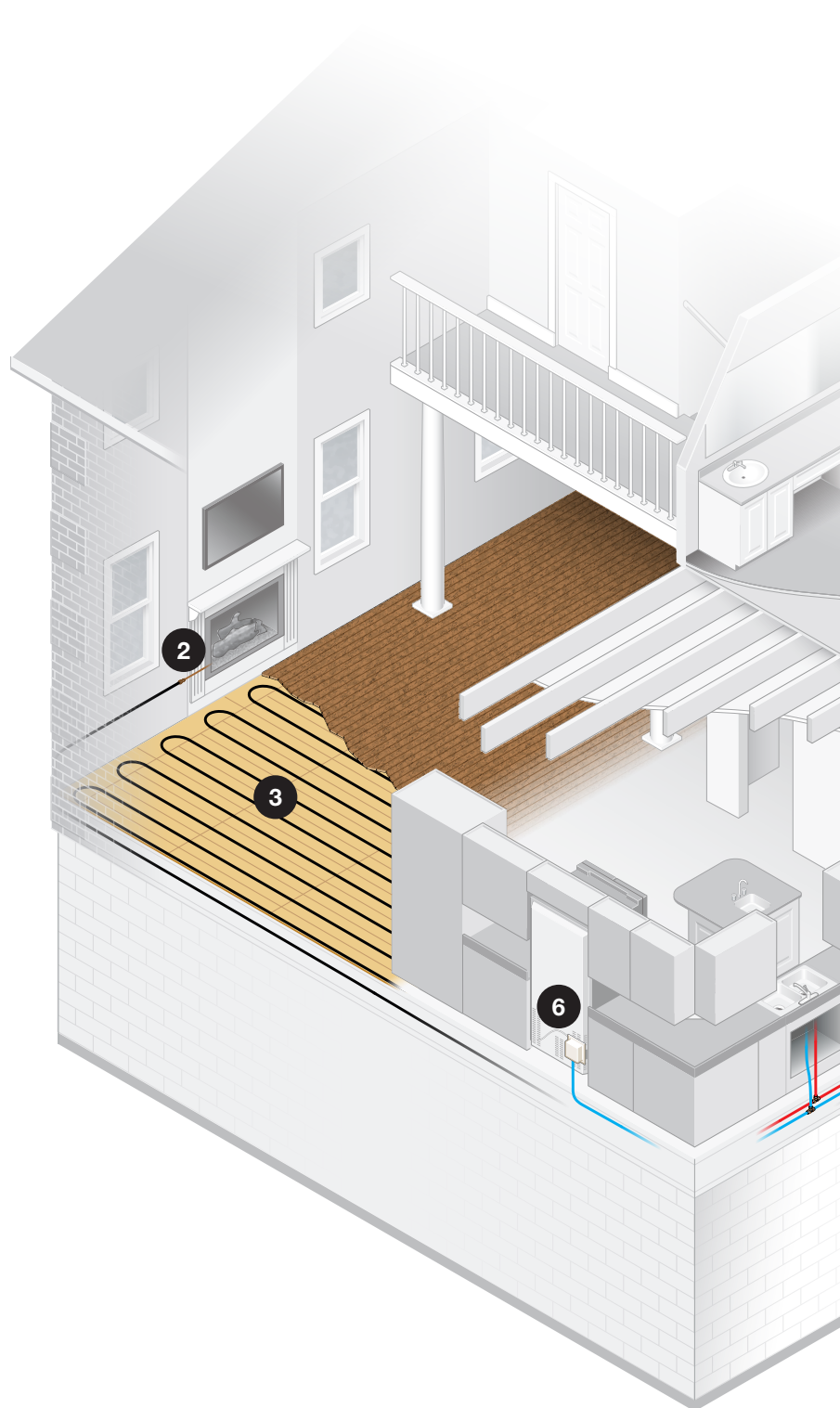
Snow Melt System

- Keeps walking areas free of ice and snow
- Ideal for driveways and sidewalks



All efficiency, no limitations

VIEGA INSTALLATIONS FOR CUSTOM BUILDING



5

Viega ProPress Ball Valve ZL

- Provides easy, secure installation backed by the best warranty in the industry
- Proprietary silicone bronze material for potable water



6

Ice Maker Outlet Box ZL

- Choice of outlet boxes for multiple applications
- Complete system available from service line to fixture



7

Hydronic Mixing Block

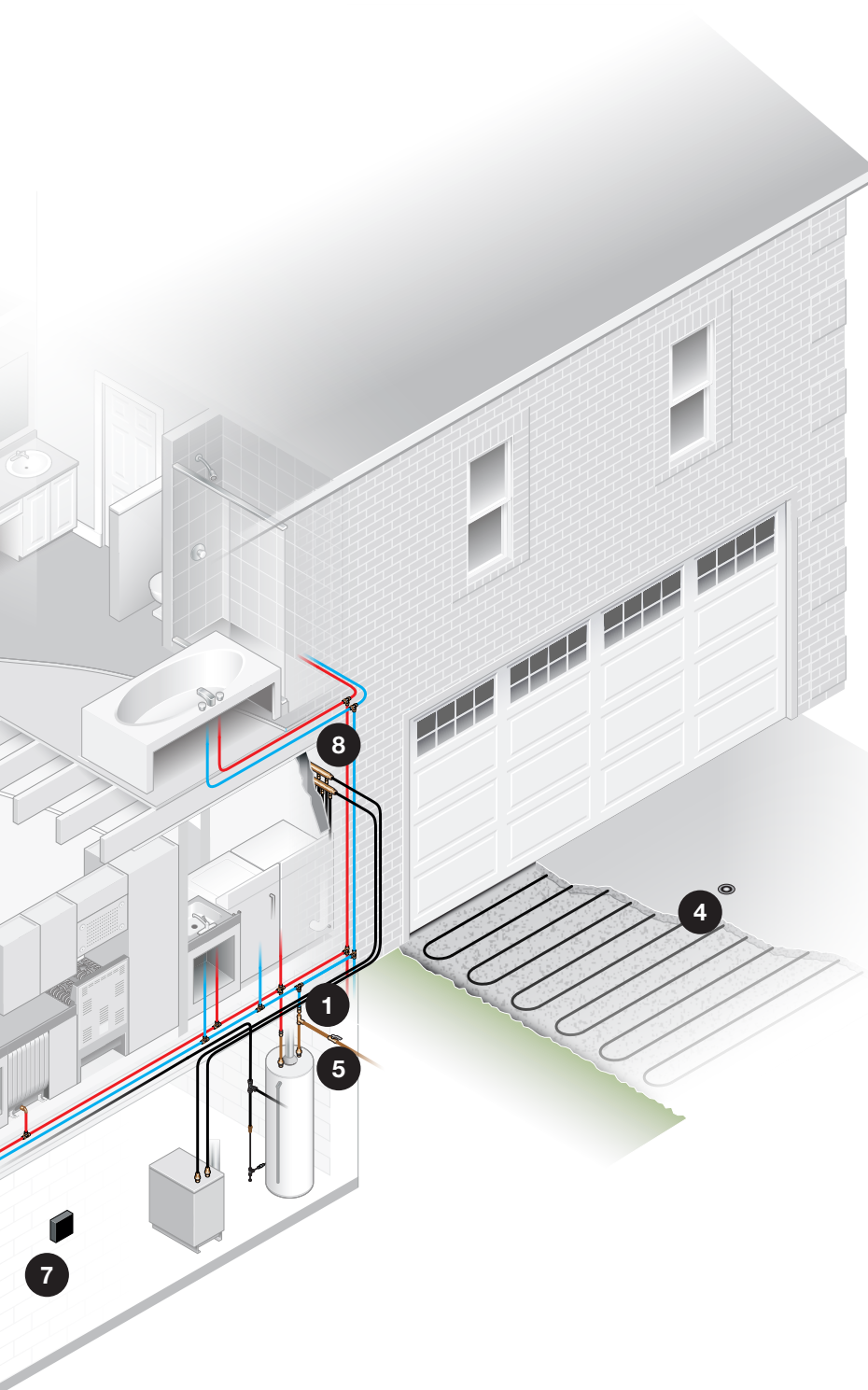
- Simplifies wiring and piping for radiant installations
- Mixing system that includes mixing, control, air elimination and pump



8

Manifold

- Equipped with shutoff valve
- PEX Press outlet connection, up to 12 outlets



1 Viega PEX Press Tee

- In sizes up to 2" for light commercial applications
- Can be installed with the same tools as Viega ProPress



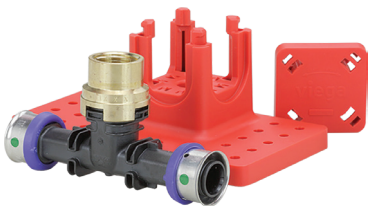
2 Viega ProPress Tee in exposed basement

- The only press system available in multiple materials
- Provides hybrid system options



3 Viega PEX Press Fire Protection fittings with installation bracket

- Eight fittings available in two sizes combined with bracket provide versatility and eliminate guesswork
- Approved for NFPA 13D fire sprinkler systems



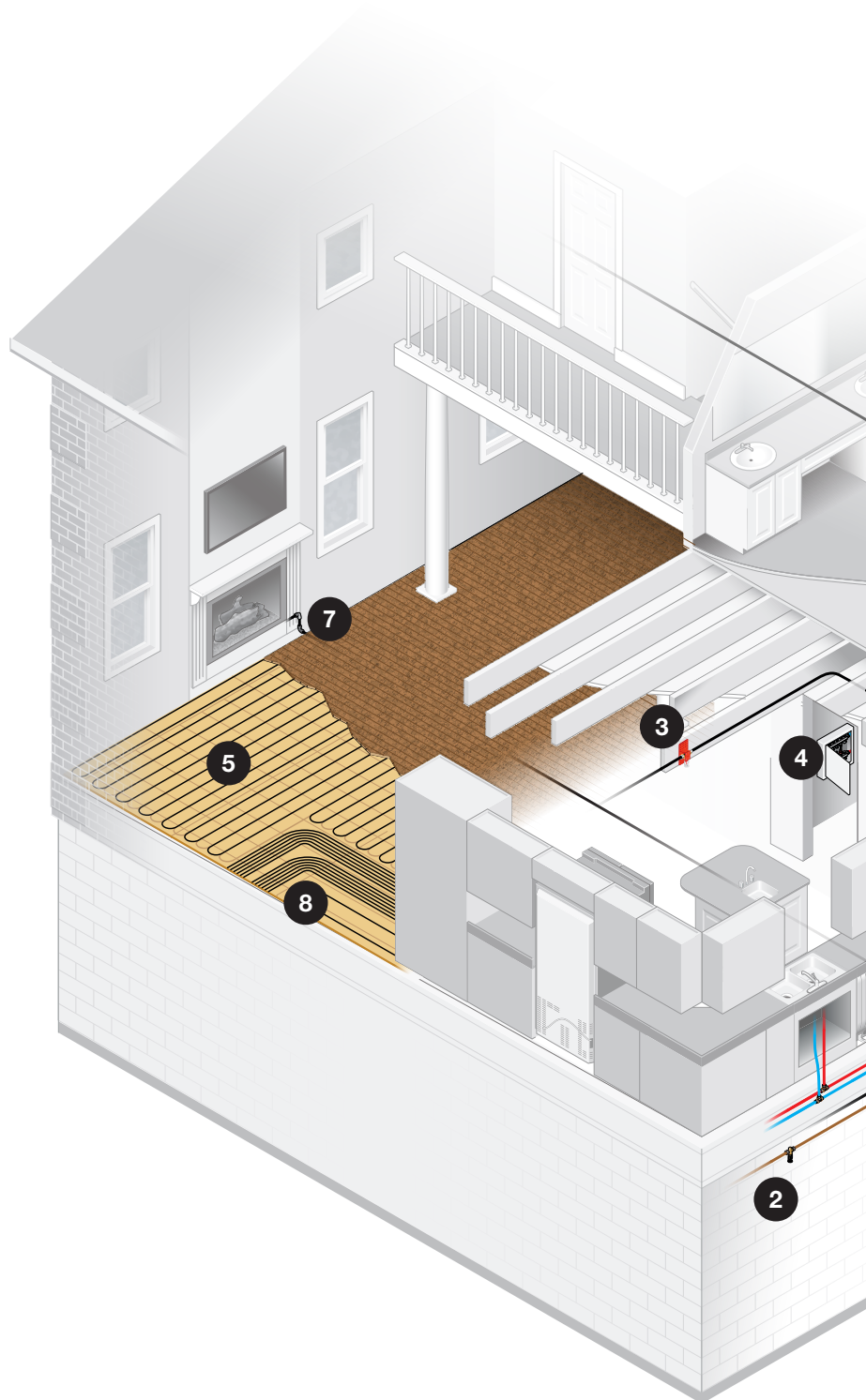
4 Manifold Cabinet

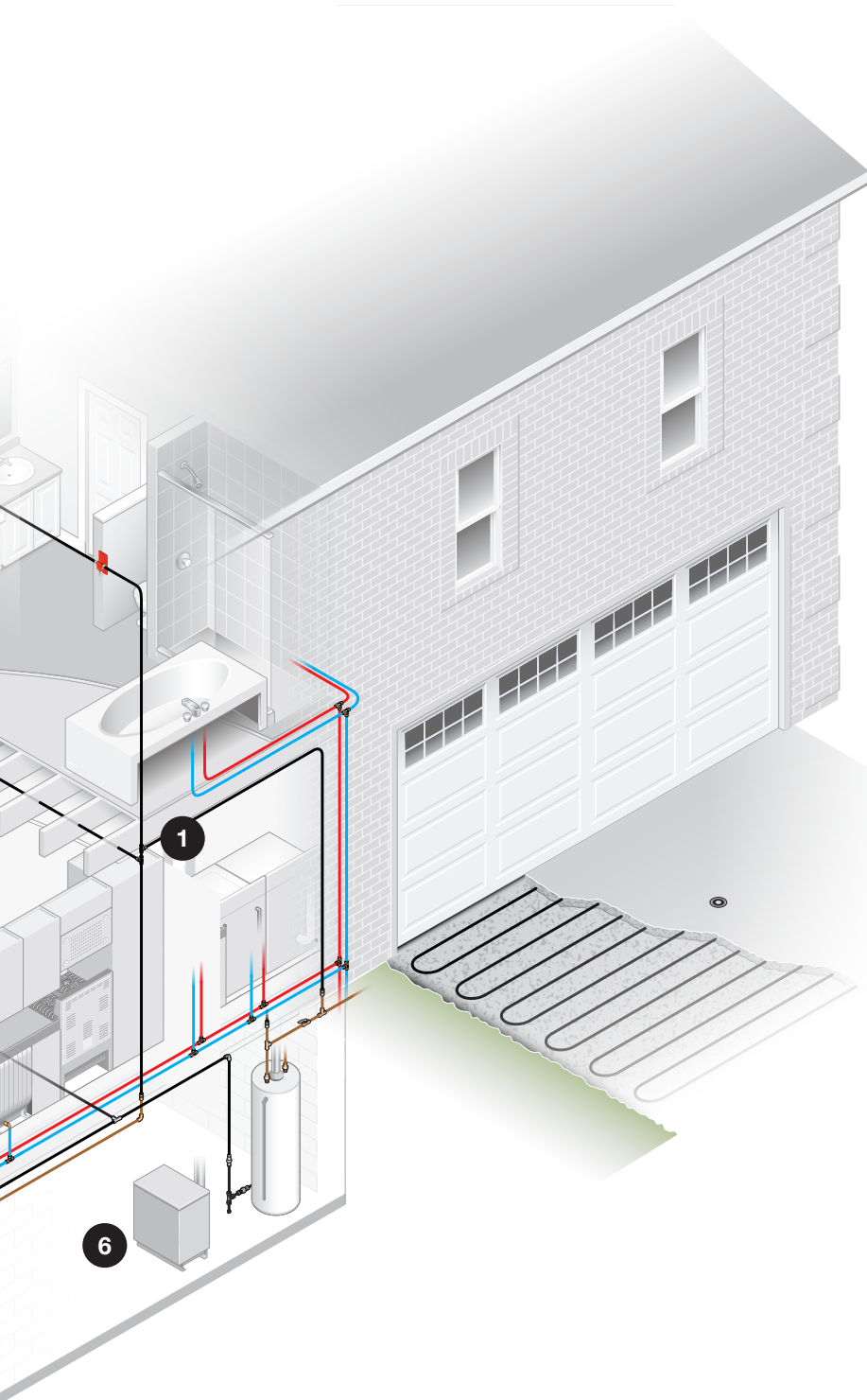
- Central location for manifolds and control wiring
- Attractive accessory to finish radiant heating installation



Dream it, build it, sell it

VIEGA INSTALLATIONS FOR CUSTOM BUILDING





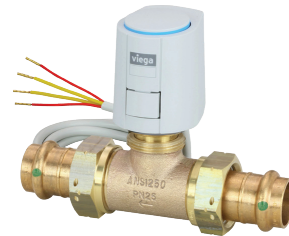
5 ViegaPEX Ultra Tubing

- Highest-rated UV and chlorine resistance in the industry
- Available in four colors, red, white, blue and black



6 Viega ProRadiant Zone Valves

- Easily adapt to copper or ViegaPEX Barrier tubing with Viega ProPress or Viega PEX Press fittings
- High flow capacity



7 Viega MegaPressG Elbow

- Secure black iron pipe gas installation with no manual tightening
- Backed by the best warranty in the industry



8 Multi-run Panel

- More supply-and-return lines easily run to manifold
- Minimizes labor and planning



Protecting our most valuable resource

VIEGA WATER-SAVING SOLUTIONS



As water supplies continue to diminish, the desire and need to reuse water has been a growing trend. To meet this demand, Viega has added reclaimed water tubing to the ViegaPEX line.

The process of water reclamation varies. Often after collection, water is run through an in-home filtration system, and then reused in other areas of the home such as laundry, toilets and irrigation systems. ViegaPEX tubing for reclaimed water comes to the market with the trust that professionals have already established with ViegaPEX systems.

ViegaPEX Ultra is now available inserted in corrugated sleeving and is ideal for potable hot and cold water applications in commercial or residential in-slab installations or underground where additional protection is needed.

Viega takes water quality and water conservation seriously. That's why we've designed products that allow you to utilize Viega solutions to protect and reuse water. Together, we can do our part to preserve the earth's most valuable resource.

ViegaPEX for reclaimed water

- Highest rating for chlorine resistance
- Available in sizes ½" to 1", 300 ft. coil lengths
- Resin is manufactured and tubing is extruded in our U.S. factory for the greatest quality control
- Aids a home in receiving LEED® or National Green Building Standard™ points
- System-matched tools and jaws make consistent connections
- 25-year limited warranty

Corrugated Sleeving

- If a repair should be required, the tubing can be replaced without the need for soil excavation or chiseling into concrete floors
- Available inserted with red or blue ViegaPEX Ultra tubing in ½" and ¾" dimensions, 300 foot coils
- ViegaPEX Ultra tubing carries the highest rating for chlorine and UV resistance
- 25-year limited warranty
- ViegaPEX Ultra Tubing is rated at 100 psi at 180°F and 160 psi at 73°F



THE RIGHT TOOLS FOR THE JOB

Viega press fitting systems are designed to integrate and our preferred press tools for installing Viega systems are designed the same way. One press tool can make connections on Viega ProPress, Viega MegaPress and Viega PEX Press systems, simply by changing jaw sets.

Viega has partnered with RIDGID since 1999 to offer system-matched tools for each of our engineered press fitting systems. With jaws and rings in sizes ranging from $\frac{3}{8}$ " to 4", these tools can accommodate nearly every type of plumbing, heating or pipe joining project.

Viega and RIDGID engineers develop press tools that work together seamlessly with all Viega press fittings. RIDGID press tools have been used to install hundreds of millions of Viega fittings across North America for more than a decade. The result is a reliable, versatile set of products that work on any job site, in many conditions and applications.



Press tool	RP 340		RP 210-B		RP 200-B	
Capacity	$\frac{1}{2}$ " - 2"	$\frac{1}{2}$ " - 4"	$\frac{1}{2}$ " - 1 $\frac{1}{4}$ "	$\frac{3}{8}$ " - 1 $\frac{1}{2}$ "	$\frac{1}{2}$ " - 1 $\frac{1}{4}$ "	$\frac{3}{8}$ " - 1 $\frac{1}{2}$ "
Systems	Viega MegaPress Viega PEX Press	Viega ProPress for copper Viega ProPress for stainless	Viega ProPress for copper Viega ProPress for stainless	Viega PEX Press	Viega ProPress for copper Viega ProPress for stainless	Viega PEX Press
Form Factor	Pistol Grip		Pistol Grip		In-line	
Battery	18V Li-Ion		18V Li-Ion		18V Li-Ion	
Corded	Optional AC Power Adapter		NA		NA	

Approved for more applications

LEADING THE INDUSTRY

All Viega systems are backed by the best warranties in the business. In fact, Viega ProPress connections are good up to 50 years for residential applications and Viega PEX system solutions are supported by a 25-year limited warranty. Full warranty information is available at www.viega.us/downloads. Contact your local Viega sales representative today to see just how reliable Viega system solutions are.

From the basement to the roof, Viega offers total system solutions for nearly any installation. One manufacturer, one tool, one system for all your plumbing, heating or pipe joining needs — Viega is the one solution that provides a quality, secure, lasting system.

Tested and approved



ASTM F876
ASTM F877



NSF/ANSI 61: Drinking Water System
Components – Health Effects

NSF/ANSI 61G: Lead Content
Evaluations Procedure to meet ≤ 0.25
average lead content



Underwriters
Laboratories



CSA International:
Canadian Standards
Association



IPC: International
Plumbing Code



UPC: Uniform
Plumbing Code



PHCC: National
Standard Plumbing
Code



NFPA 13, 13D and
13R: Fire Sprinkler
Applications

Contact your local Viega district manager for details on local approvals.

This document is subject to updates. For the most current Viega literature please visit www.viega.us

The term Viega does not apply to a specific company within the various separate and distinct companies comprising the Viega group of companies. The term Viega as used in this publication refers to the Viega brand itself or generally to the Viega group of companies. References to activities in North America specifically refer to activities of Viega LLC.

A green dot on a Viega ProPress, MegaPress and PEX Press polymer fitting indicates the Smart Connect feature with an EPDM sealing element. A yellow dot on a Viega ProPressG and MegaPressG fitting indicates the Smart Connect feature with an HNBR sealing element. A white dot on a Viega ProPress (304 FKM) fitting indicates the Smart Connect feature with a FKM sealing element. For a current list of applications, please visit www.viega.us/applications.

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