

viega

Precision Plumbing and Heating Project Profile

CUSTOMER: Custom home construction
APPLICATION: Residential hot and cold water
LOCATION: Fargo, ND
CONTRACTOR: Precision Plumbing and Heating

New Viega PEX Press system provides quality, reliability and savings for custom home installation

Precision Plumbing and Heating Inc., a contractor that serves all of North Dakota and some of Minnesota, selected to use the new PEX Press system for a new home construction project. The contractor, headquartered in Fargo, ND, has been in operation for nine years and has about 30 employees.

The contractor provides plumbing, electrical, heating and cooling installation and service for residential and light commercial projects and is known for its work on large, custom-built homes. Precision Plumbing and Heating installed the new Viega PEX Press polymer system for hot and cold water lines in a newly constructed, 2,300-square-foot, custom ranch-style home in Fargo. For the past five years, Precision Plumbing and Heating has been using Viega systems to quickly and safely join PEX and copper tubing.

The new Viega PEX Press polymer fitting system is a quality, fast and economical solution for joining PEX tubing in potable water and heating applications for the residential and light commercial markets. The system includes elbows, tees, couplings, plugs, lav and closet adapters, metallic, threaded and solder adapters as well as manifolds. The system uses the same hand and power tools as the bronze PEX Press systems from Viega to join PEX tubing using plastic fittings without O-rings, glues, cements or lubricants.



Jon Hanson, CEO of Precision Plumbing and Heating, cited quality and reliability as the main factors in selecting to use the PEX Press system.

“The reliability of Viega products means that we aren’t going to have any leaks,” Hanson explained. “New fixtures can be added in a home with the Viega press systems without worrying about causing leaks elsewhere in the lines and having to retest the entire house.”

“We’ve probably put in 100,000 Viega fittings over the past five years,” said Beau Koffler, a project manager at Precision Plumbing and Heating. “Viega has a remarkable track record.”

The custom home installation used about 60 fittings in 1/2", 3/4" and 1" sizes and about 700' of ViegaPEX™ tubing. “We had a 30 percent difference in our profit margin by using Viega’s PEX Press,” said Hanson.

“The lead-free metal alloys are more expensive,” added Hanson. “The new PEX pressing system enabled us to offer a cost-effective, quality solution for our customers.”

“With the winter weather that we have here, there aren’t a lot of times that we have actual heat in a building when we are installing the plumbing system,” said Koffler. “Even in the coldest weather, we haven’t had an issue when we’ve installed Viega products. With other brands, we’d have to heat the fittings just to get the fittings to connect.

“The training was really easy,” said Koffler. The hand tools for the PEX pressing systems do not require calibration, allowing installers to trust that each connection is secure.

“And Smart Connect® is an added bonus to the system,” Koffler added. The patented Viega Smart Connect feature identifies unpressed fittings during testing, allowing the installer to know that fittings are secure.

“Compared to other PEX fittings on the market, Viega is the best,” said Hanson. “The Viega PEX Press polymer fittings provide a better flow rate because the inlets and outlets are larger compared to other poly fittings.”

Plumbing contractors are beginning to use plastic fittings more frequently to join PEX tubing. “We are already into poly, which is something 20 years ago plumbers said they’d never do,” Hanson commented.

Viega’s PEX Press polymer fittings are composed of Radel-R material which offers a cost-effective solution for Zero Lead requirements, high corrosion resistance and mechanical strength.

For more information on Viega’s PEX Press system for joining PEX tubing, visit www.viega.com or call toll free: 800.976.9819.