

**ICC-ES PMG Listing****PMG-1124**

Effective Date: April 1, 2013

This listing is subject to re-examination in one year.

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CSI: DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)  
Section: 23 21 13—Hydronic Piping

## Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Viega LLC's MegaPress System: Press-connect carbon steel fittings used in hydronic heating and cooling systems

Listee: Viega LLC  
301 North Main Street, Floor 9  
Wichita, Kansas 67202  
[www.viega.net](http://www.viega.net)

## Compliance with the following codes:

2012, 2009 and 2006 *International Residential Code*® (IRC)  
2012, 2009 and 2006 *International Mechanical Code*® (IMC)  
2012, 2009 and 2006 *Uniform Mechanical Code*® (UMC)\*  
*ASME B31 Code for Pressure Pipe; standards B31.1, B31.3 and B31.9*

\**Uniform Mechanical Code is a copyrighted publication of the International Association of Plumbing and Mechanical Officials.*

## Compliance with the following standards:

LC1002, Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems

## Identification:

Fittings: The Viega LLC MegaPress fittings must bear a permanent marking with the following information:

- Manufacture's name (Viega) or trademark.
- Nominal size corresponding to the pipe size.
- Date of manufacture (date code or batch code).
- Mark of third-party testing agency.
- Packages of fittings must bear the manufacture's name (Viega), product name (MegaPress), model number and the ICC-ES PMG listing mark.

Installation:

Viega MegaPress fittings must be installed in accordance with this listing, the applicable code and the manufacturer’s published installation instructions. The manufacturer’s published installation instructions must be furnished to the code official.

Models:

The Viega MegaPress fittings are available in sizes from 1/2 inch (13mm) to 2 inches (51 mm). Viega MegaPress fittings are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). Fittings are available in carbon steel and are provided with a factory-installed EPDM (ethylene propylene diene monomer) sealing element. All fittings have a built-in Smart Connect (SC) feature. The function of the SC feature is to identify connections which have not been pressed.

DESCRIPTION		SIZE RANGE
Adapter	Male Adapter, P x M NPT	1/2" to 2"
	Female Adapter, P x F NPT	1/2" to 2"
Cap	Cap, P x Cap	1/2" to 2"
Coupling	Coupling w/Stop, P x P	1/2" to 2"
	Coupling w/o Stop, P x P	1/2" to 2"
Elbow	Elbow 90°, P x P	1/2" to 2"
	Elbow 90°, FTG x P	1/2" to 2"
	Elbow 45°, P x P	1/2" to 2"
	Elbow 45°, FTG x P	1/2" to 2"
Tee	Tee, P x P x P	1/2" to 2"
	Reducing Tee, P x P x P	1/2" to 2"
	Tee, P x P x F NPT	1/2" to 2"
Union	Union, P x P	1/2" to 2"
Flange	Flange, P x P	1/2" to 2"
Reducer	Reducer, FTG x P	1/2" to 2"

Conditions of listing:

1. Fittings are for use with Schedule 5 to Schedule 40 ASTM A53, ASTM A106, ASTM A135 or ASTM A795 steel and wrought-iron pipe.
2. Operating temperature range must be within 0°F to 250°F (-17°C to 121°C).
3. The fittings have not been evaluated for use when embedded in a solid material such as concrete.
4. Radiant heating systems must be pressure-tested for leaks before installation of the covering in accordance with IMC Section 1208, 2012 and 2009 IRC Section M2103.4 or 2006 IRC Section M2103.3, as applicable
5. The fittings are manufactured in Grosssheringen, Germany, under a quality control program with annual surveillance inspections by NSF International (AA-633).