

Heating and Cooling Solutions

Radiant heating systems have been around since 10,000 B.C., but Viega has made them more efficient, reliable and easier to install. Viega offers a full line of prefabricated Climate Mats for wet installs, panels for dry installs, tubing, manifolds, mixing options and controls all engineered to work together. Radiant heating and cooling solutions can reduce energy costs by up to 30% for both residential and commercial buildings. Our hands-on design team can provide you with a complete design and bill of materials, so you know you have everything you need for a properly functioning system.

FEATURES AND BENEFITS

- Faster and easier than traditional radiant installation
- Typically reduces energy costs from 10-30%
- Minimizes circulation of dust, allergens and airborne contaminants
- Proven press technology helps to ensure secure connections
- Backed by a 30-year warranty on Viega Barrier PEX, PureFlow Press metal and polymer fittings
- Technical support
- Design and layout services

NOTE

Products within this section meet various codes, standards, listings and certifications. Please refer to the most up-to-date Tech Data sheets relevant to the product or to the listing agency's official record. A green dot on a Viega PureFlow Press polymer fitting indicates Smart Connect technology.



Hydronic mixing block

- Circulator, control, mixing valve

Components

3-speed circulator, control, air vent, adapter fittings, bracket and two sensors

Model 2887.3

	Wt [lb]	Quantity	Part No	DG
	8.488	1	56160	4

Valves



Mixing valve

Three way

- Female pipe thread

- Regulates supply fluid temperature to the system from the source, manual or electric control

Model 2876.3US

FPT	Wt [lb]	Quantity	Part No	DG
¾	0.963	1	20080	4
1	1.439	1	20081	4
1¼	2.233	1	20082	4
1½	3.672	1	20083	4
2	5.142	1	20084	4



ViEGA ProPress tailpiece

Smart Connect technology

Zero Lead

- For use with ASTM B88 and B75 tubing

- Bronze

- Press connection, female union BSP

Components

EPDM sealing element, EPDM flat gasket

Model 2957ZL

P	F BSP	Wt [lb]	Quantity	Part No	DG
½	1	0.220	1	79800	8
¾	1	0.248	1	79805	8
1	1	0.304	1	79810	8
1	1¼	0.386	1	79815	8



Diverting valve

Three way

- Female copper tube size

Components

Solder tailpieces

Model 2873.1US

C	Wt [lb]	Quantity	Part No	DG
¾	2.008	1	20001	4
1		1	20002	4
1¼	5.988	1	20003	4
1½	5.907	1	20041	4



Zone valve

- Suitable for zone control Model 2874.7US, thermostat heat/cool non programmable Model 2878.6, thermostat heat/cool programmable Model 2878.7, thermostat multistage heat/cool programmable Model 2878.8

- Bronze

- Solder, PureFlow Press outlet connection

Model 2837.1US

V	C	P	Wt [lb]	Quantity	Part No	DG
24	¾	¾	1.479	1	17230	4
24	1	1	2.422	1	17231	4



Zone valve

- Suitable for digital thermostat Model 2874.5US, zone control Model 2874.7US, thermostat heat/cool non programmable Model 2878.6, thermostat heat/cool programmable Model 2878.7, thermostat multistage heat/cool programmable Model 2878.8

- Bronze

- Press connection

Model 2837.2US

V	P1	P2	Wt [lb]	Quantity	Part No	DG
24	¾	¾	1.527	1	17232	4
24	1	1	2.488	1	17233	4

Valves

Viega offers shutoff valves to support system installations of ProPress, MegaPress or PureFlow. Whether for potable water, mechanical systems or gas applications, Viega offers a valve for most needs, ranging in size from ½" to 4". Like Viega fittings, valves offer Smart Connect technology to provide installers added confidence in their ability to ensure secure connections. Viega's innovative thermostatic balancing valve automatically adjusts to a specified temperature, ensuring that the system is balanced.

FEATURES AND BENEFITS

- Multiple system and connection solutions
- 316 stainless steel ball
- Multiple accessory options
- Available with EPDM, FKM, or HNBR sealing elements
- Smart Connect Technology
- Installs within minutes – up to 80% faster than conventional methods
- Same tool used for installation of ball valves and fittings
- No flame, fire watch or hot work permits required

ZERO LEAD

Zero Lead identifies Viega products meeting the lead-free requirements of NSF 61-G through testing under NSF/ANSI 372 (0.25% or less maximum weighted average lead content).

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Shower valves



**Viega shower valve
Zero Lead**

- For potable water applications
- DZR brass
- 1/2" copper stub outs

Components

Pre-installed flush plug

Note

For use with Viega PureFlow and Viega ProPress
Compatible only with American Standard pressure balance tub/shower, shower only, and valve only trims

Model 2842.5

d	Wt [lb]	Quantity	Part No	DG
1/2	1.679	1	93516	6



**Viega shower valve
Zero Lead**

- For potable water applications
- DZR brass
- 1/2" copper stub outs

Components

With screwdriver stops, pre-installed flush plug

Note

For use with Viega PureFlow and Viega ProPress
Compatible only with American Standard pressure balance tub/shower, shower only, and valve only trims

Model 2842.6

d	Wt [lb]	Quantity	Part No	DG
1/2	1.679	1	93517	6

Heating valves



Shutoff valve

- Brass
- Female copper tube size, press connection

Model 2834.6US

C	P	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.252	10	17260	4
3/4	5/8	0.434	10	17261	4
3/4	3/4	0.424	10	17262	4



Shutoff / balancing valve

- Brass
- Female copper tube size, press connection

Model 2834.7US

P	C	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.514	10	17263	4
5/8	3/4	0.739	10	17264	4
3/4	3/4	0.725	10	17265	4



Shutoff valve

- Brass
- Female copper tube size, compression

Model 2834.3US

C	Comp	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.390	10	17166	4
3/4	5/8	0.650	10	17167	4



Zone valve

- Suitable for digital thermostat
- Model 2874.5US, zone control
- Model 2874.7US, thermostat heat/cool non programmable
- Model 2878.6, thermostat heat/cool programmable
- Model 2878.7, thermostat multistage heat/cool programmable
- Model 2878.8, thermostat multistage heat/cool programmable
- Bronze
- Press connection

Model 2837.2US

V	P1	P2	Wt [lb]	Quantity	Part No	DG
24	3/4	3/4	1.527	1	17232	4
24	1	1	2.488	1	17233	4