

ProRadiant Heating and Cooling

Viega ProRadiant systems can reduce energy costs by up to 30% and our hands-on design team is here to help prepare you for the project before it even begins. With systems that can be installed over wood or concrete, interior or exterior, Viega offers various floor heating systems, a full line of controls, manifolds and mixing options engineered to work together. Complete Viega ProRadiant system solutions enhance performance and make installation easy.

FEATURES AND BENEFITS

- Faster and easier than traditional radiant installation
- Typically reduces energy costs from 10 to 30%
- Minimizes circulation of dust and allergens
- Proven press technology ensures secure connections
- 30-year warranty on Viega tubing
- Technical support
- Design and layout services

CODES AND STANDARDS

- ASTM E84: Specification for Surface Burning Characteristics
- ASTM F876: Standard Specification for PEX Tubing
- ASTM F877: Standard Specification for PEX Water Distribution System
- B137.5: Standard Specification for PEX tubing systems in pressure applications
- CAN/ULC S101: Standard Method of Test for Surface Burning Characteristics
- CAN/ULC S102.2: Standard Method of Test for Surface Burning Characteristics
- CSA International: Canadian Standard Association
- NSF pw: Potable water listing to ANSI/NSF 14 and 61 (performance and health effects)

NOTE

A Green Dot on a Viega PEX Press fitting indicates the Smart Connect feature.



Powerhead

- Suitable for digital thermostat
 Model 2874.5US, manifold shutoff / balancing Model 2879, manifold shutoff / balancing / flow meters Model 2804, manifold valveless Model 2878, thermostat heat/cool non programmable Model 2878.6, thermostat heat/cool programmable Model 2878.7, thermostat multistage heat/cool programmable Model 2878.8, zone control Model 2874.7US

Model 2877.7

Wire	V	Wt [lb]	Quantity	Part No	DG
2	24 VAC	0.301	1	15061	4
4	24 VAC	0.350	1	15064	4



Powerhead

- Suitable for manifold shutoff / balancing Model 2879, manifold shutoff / balancing / flow meters Model 2804

Model 2877.8

V	Wt [lb]	Quantity	Part No	DG
0-10VDC	0.350	1	15068	4



Zone valve

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

- Bronze
- Press connection

Model 2837.2US

V	P1	P2	Wt [lb]	Quantity	Part No	DG
24	3/4	3/4	0.750	1	17232	4
24	1	1	1.715	1	17233	4



Zone valve

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

- Bronze
- Press connection, PEX Press outlet connection

Model 2837.3US

V	P1	P2	Wt [lb]	Quantity	Part No	DG
24	3/4	3/4	1.685	1	17234	4
24	1	1	1.695	1	17235	4



Zone valve

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

- Bronze
- Solder, PEX Press outlet connection

Model 2837.1US

V	C	P	Wt [lb]	Quantity	Part No	DG
24	3/4	3/4	1.602	1	17230	4
24	1	1	1.670	1	17231	4



Basic digital setpoint control II

- For heating and cooling temperature control for slab applications
 - Equipped with setpoint or basic snow sensor cable Model 2875.5US

components

Watertight sensor, (2) isolated SPDT relay contacts

Model 2875.4US

Wt [lb]	Quantity	Part No	DG
1.816	1	17029	4