

## 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.



**End cap**

- For copper manifolds
- Type L copper
- Female copper tube size, female pipe thread

Note

1/2" FPT for draw-off (purge valve) and 1/8" FPT for automatic air vent (bottle vent).

**Model 2834.5US**

C	FPT1	FPT2	Wt [lb]	Quantity	Part No	DG
1	1/2	1/8	0.400	1	<b>17144</b>	4
1 1/2	1/2	1/8	0.665	1	<b>17125</b>	4
2	1/2	1/8	0.965	1	<b>17106</b>	4



**Manifold bracket**

- For copper manifolds
- Galvanized steel

**Model 2878.927**

d	Wt [lb]	Quantity	Part No	DG
1	0.348	2	<b>17145</b>	4
1 1/2	0.002	1	<b>17126</b>	4
2	0.002	1	<b>17107</b>	4



**Manifold cabinet**

- Suitable for manifold shutoff / balancing Model 2879, manifold shutoff / balancing / flow meters Model 2804, manifold valveless Model 2878
- Galvanized steel, epoxy powder-coated finish

**Model 2879.6US**

W [in]	H [in]	D [in]	Wt [lb]	Quantity	Part No	DG
21	30	4 1/2	29.492	1	<b>15800</b>	4
27	30	4 1/2	31.991	1	<b>15801</b>	4
45	30	4 1/2	49.986	1	<b>15802</b>	4



**Lock assembly**

- Suitable for manifold cabinet Model 2879.6US

components

(2) keys

Note

Part No 15802 requires two locks.

**Model 2857.7US**

Wt [lb]	Quantity	Part No	DG
0.130	1	<b>15217</b>	4

**Control**



**Basic heating control**

- For controlling system water temperature based on outdoor reset
- Modulating mixing valve control, boiler activation

components

Supply sensor, outdoor sensor

**Model 2871.0US**

Wt [lb]	Quantity	Part No	DG
3.464	1	<b>16015</b>	4



**Indoor sensor**

- Use with basic heating control Model 2871.0US

**Model 2871.2US**

Wt [lb]	Quantity	Part No	DG
0.150	1	<b>16016</b>	4



**Multiple outdoor sensor**

- For up to (4) basic heating controls to share a single outdoor sensor
- Use with basic heating control Model 2871.0US

components

10kΩ thermistor

**Model 2871.3US**

Wt [lb]	Quantity	Part No	DG
0.120	1	<b>16020</b>	4