

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.

Mixing equipment



Mixing station

Enhanced

- For supply temperature modulation
- 7 settings, permanent magnet motor design reduces power consumption by 50%

components

Isolation ball valves, mounting bracket, supply temperature sensor well

Model V1203.0

Connections	Wt [lb]	Quantity	Part No	DG
ProPress	21.994	1	12152	4
PEX Press	21.994	1	12153	4
copper (male)	23.183	1	12151	4



Mixing station

Base unit

- For supply temperature modulation
- Equipped with circulator Model 2801.1US, 2801.9US

components

Isolation ball valves, mounting bracket, supply temperature sensor well, 3-speed circulator

Model 2801.8US

Circulator	Connections	Wt [lb]	Quantity	Part No	DG
low head	ProPress	23.993	1	12120*	4
low head	PEX Press	24.273	1	12122*	4
low head	copper (male)	24.983	1	12124*	4

* = Available while supplies last



Mixing station

Base unit

- For supply temperature modulation
- Equipped with circulator Model 2801.1US, 2801.9US

components

Isolation ball valves, mounting bracket, supply temperature sensor well, 3-speed circulator

Model 2801.0US

Circulator	Connections	Wt [lb]	Quantity	Part No	DG
high head	ProPress	26.036	1	12121	4
high head	PEX Press	27.422	1	12123	4
high head	copper (male)	26.092	1	12125	4



Mixing station

Assembled, shutoff / balancing / flow meters

- For supply temperature modulation
- Equipped with circulator Model 2801.1US, manifold shutoff / balancing / flow meters Model 2804
- Preassembled, factory tested

Note

Made to Order - lead time approximately 10 working days. See specification page for ordering information.

Model 2804.2US

Circulator	Outlet(s)	SVC	Wt [lb]	Quantity	Part No	DG
low head	2	✓	32.796	1	15940¹	4
low head	3	✓	33.320	1	15941¹	4
low head	4	✓	34.285	1	15942¹	4
low head	5	✓	35.490	1	15943¹	4
low head	6	✓	37.444	1	15944¹	4
low head	7	✓	38.557	1	15945¹	4
low head	8	✓	38.552	1	15946¹	4
low head	9	✓	39.714	1	15947¹	4
low head	10	✓	40.448	1	15948¹	4
low head	11	✓	41.443	1	15949¹	4
low head	12	✓	42.575	1	15950¹	4

¹) Available while supplies last



Mixing station

Assembled, shutoff / balancing / flow meters

- For supply temperature modulation
- Equipped with circulator Model 2801.9US, manifold shutoff / balancing / flow meters Model 2804
- Preassembled, factory tested

Note

Made to Order - lead time approximately 10 working days. See specification page for ordering information.

Model 2804.4US

Circulator	Outlet(s)	SVC	Wt [lb]	Quantity	Part No	DG
high head	2	✓	29.646	1	15980¹	4
high head	3	✓	30.171	1	15981¹	4
high head	4	✓	31.136	1	15982¹	4
high head	5	✓	32.340	1	15983¹	4
high head	6	✓	34.200	1	15984¹	4
high head	7	✓	34.295	1	15985¹	4
high head	8	✓	35.403	1	15986¹	4
high head	9	✓	36.565	1	15987¹	4
high head	10	✓	37.299	1	15988¹	4
high head	11	✓	38.294	1	15989¹	4
high head	12	✓	39.425	1	15990¹	4

¹) Available while supplies last