

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.



Heat transfer plate

- Suitable for Viega Barrier PEX tubing
Part No 11415, 11418, 11425, 11427, 11428, 11430, 11435, 11436, 11440
 - Aluminum
- Model 2857US**

L [in]	W [in]	d	Wt [lb]	Quantity	Part No	DG
19	5	3/8	0.163	100	15205	4
19	5	1/2	0.170	100	15206	4



Clip

- Plastic
- Model 2871.6US**

d	Wt [lb]	Quantity	Part No	DG
5/16	0.002	100	15112	4



Viega Climate Mat

- For in slab applications
 - Pre-engineered
- CAN/ULC S101, CAN/ULC S102.2
- Model 2809.1US**

d	O.C.	Loop	Circuit	W [ft]	Wt [lb]	Quantity	Part No	DG
1/2	6	6	6	6	0.688	1	18150	4
1/2	9	4	4	6	0.458	1	18151	4
1/2	6	6	3	6	0.688	1	18154	4
1/2	6	6	2	6	0.688	1	18155	4
1/2	9	4	2	6	0.458	1	18156	4
5/8	9	4	2	6	0.635	1	18157	4
5/8	9	4	4	6	0.635	1	18160	4
5/8	6	6	2	6	0.952	1	18185	4
5/8	6	6	4	6	0.952	1	18186	4
5/8	6	6	6	6	0.952	1	18187	4



Viega Climate Mat

- For in slab applications
 - Pre-engineered
- CAN/ULC S101, CAN/ULC S102.2
- Model 2809.2US**

d	O.C.	Loop	Circuit	W [ft]	Wt [lb]	Quantity	Part No	DG
1/2	9	3	3	5	0.344	1	18158	4
1/2	12	3	3	5	0.344	1	18152	4
5/8	12	3	3	5	0.476	1	18159	4



Mat clip

- Suitable for Viega Climate Mat
- Model 2809.1US, 2809.2US
- Plastic
- Model 2809.3US**

d	Wt [lb]	Quantity	Part No	DG
1/2	0.004	50	18165	4
5/8	0.004	50	18166	4

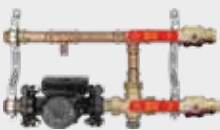
Mixing equipment



**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	18.154	1	12152	4
PureFlow Press	18.183	1	12153	4
copper (male)	18.688	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 2801.0US**

Circulator	Connections	Wt [lb]	Quantity	Part No	DG
high head	ProPress	21.872	1	12121	4
high head	PureFlow Press	22.662	1	12123	4
high head	copper (male)	22.479	1	12125	4

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