



**Viega Product Guide  
Heating and Cooling  
Catalog 2016**

**viega**

# Shaping the future of press technology

## **Engineered for you**

Viega has been innovating and changing the landscape of pipe-joining technology since 1899. Viega systems are not only highly engineered and manufactured with the best material on the market, they actually enhance the lives of the people who use them. Whether you're working on potable water for a home or a gas line in a high-rise hotel, Viega press technology offers a solution that can reduce project costs and give you the assurance you need.

## **Integrated system solutions**

Viega offers products including copper, stainless steel, and carbon steel press fittings along with a complete PEX plumbing system including water distribution manifolds, tubing and press fittings. Our primary press solutions for metals are Viega ProPress and Viega MegaPress. Manufactured with different sealing elements, we offer fittings for both gas and hydronic applications. Viega PEX Solutions are complete plumbing system that works seamlessly for potable water installations. Viega fittings are equipped with the Viega Smart Connect feature, providing an installer with confidence in the integrity of each connection. System-matched tools and jaws make it simple and easy to install the full line of Viega press technology for several applications on the same project.

## **Energy-efficient heating and cooling**

Radiant heating and cooling systems have been around since 10,000 B.C., but Viega has made them more efficient, reliable and easier to install than ever. With options suitable for any application, Viega radiant panels and Climate Mats are perfect for new or remodel construction.

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**Superior performance with Viega system solutions**

Viega introduced press technology to North America in 1999 with Viega ProPress. Now, more than 15 years later, Viega press technology has made consistent, secure connections possible on copper, stainless, black iron and PEX. No other manufacturer can offer the same press technology across multiple pipe joining materials. Viega press systems also offer proven security through innovations like the patented Viega Smart Connect feature, which is only available on genuine Viega press fittings. Installers can trust a Viega connection and finish a job without worrying because the Viega Smart Connect feature helps ensure that they identify unpressed connections during pressure testing.

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# How to Read Dimensions of a Fitting or a Product



**Viega ProPress tee**  
**Smart Connect feature**  
 - For use with ASTM B88 tubing  
 - Copper  
 - Press connection  
**Components**

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.204	10	77377	8
1/2	1/2	3/4	0.287	10	77382	8
1/2	1/2	1	0.320	5	15493	8
3/4	1/2	1/2	0.278	10	77392	8
3/4	1/2	3/4	0.326	5	77397	8



**Viega ProPress vent elbow**  
**Smart Connect feature, Zero Lead**  
 - For use with ASTM B88 tubing  
 - Bronze  
 - Press connection, female pipe thread

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/8	0.154	2	79635	8
3/4	3/4	1/8	0.234	2	79640	8



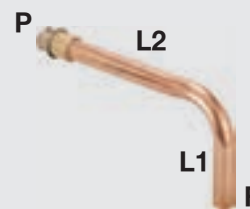
**Viega PEX Press wall tee**  
**Smart Connect feature, Zero Lead**  
 - For fire sprinkler systems  
 - Polymer  
 - Female pipe thread, press connection  
**Note**  
 For use with black ViegaPEX Ultra only.

FPT1	FPT2	P	Wt [lb]	Quantity	Part No	DG
1/2	1/2	3/4	0.309	5	49100	6
1/2	1/2	1	0.366	5	49110	6



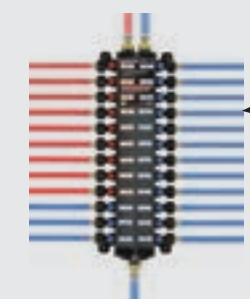
**Viega PEX Press manifold**  
**Smart Connect feature**  
 - Only use with lock clip Part No 58075  
 - Polymer  
 - Press connection  
 - Flow through

Outlet(s)	P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2	3/4	3/4	1/2	0.202	10	49152	6
3	3/4	3/4	1/2	0.255	10	49153	6
4	3/4	3/4	1/2	0.318	10	49054	6
4	1	3/4	1/2	0.330	10	49254	6
6	1	1	1/2	0.455	10	49256	6



**Viega PEX Press 90° tub elbow**  
 - Brazed copper  
 - Press connection, street

P	FTG	L1 [in]	L2 [in]	Wt [lb]	Quantity	Part No	DG
1/2	1/2	3	6	0.245	25	92221	6



**Viega ManaBloc distribution manifold**  
**Smart Connect feature**  
 - Press connection  
 - Color coded ports for hot and cold water  
**Components**  
 1/4 turn valves, T-handle valve key  
**Note**  
 Does not include supply connections

**d=Diameter of tubing**

**Hot Water Ports**  
**Cold Water Ports**

Adapter	Port(s)	d	hot	cold	Wt [lb]	Quantity	Part No	DG
polymer	14	3/8	6	8	5.121	1	49142	2



**Manifold cabinet**  
 - Suitable for manifold Model 2804, 2879  
 - 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	26.992	1	15800	4
27	30	4 1/2	29.992	1	15801	4
45	30	4 1/2	48.486	1	15802	4



# ProRadiant Heating and Cooling



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## ProRadiant Heating and Cooling

Radiant heating and cooling systems have been around since 10,000 B.C., but Viega has made them more efficient, reliable and easier to install than ever. Viega offers a full line of tubing, panels, controls, manifolds and mixing options engineered to work together. Radiant heating and cooling systems can reduce energy costs by up to 30%, and our hands-on design team can provide you with a complete design and bill of materials, allowing you to rest easy knowing that you'll 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 to 30%
- Minimizes circulation of dust and allergens
- Proven press technology helps to ensure secure connections
- 30-year warranty on ViegaPEX Barrier 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.

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**Tubing**



**ViegaPEX Barrier tubing**

- PEX
- Coil
- Oxygen diffusion barrier, protective outer layer

Technical Data

PEX designation code 5306  
 Chlorine resistance ratings CL5  
 UV resistance 6 months  
 ASTM F876, ASTM F877, NSF 61, CAN/ULC S101, CAN/ULC S102.2

**Model 2802US**

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
5/16	250	black with stripe	9.000	1	11400	4
5/16	1000	black with stripe	34.000	1	11405	4
5/16	4000	black with stripe	136.000	1	11410	4
3/8	300	black with stripe	12.900	1	11415	4
3/8	1200	black with stripe	51.600	1	11418	4
3/8	2400	black with stripe	103.200	1	11420	4
1/2	250	black with stripe	10.750	1	11428	4
1/2	300	black with stripe	17.100	1	11425	4
1/2	400	black with stripe	23.200	1	11430	4
1/2	500	black with stripe	29.000	1	11427	4
1/2	1000	black with stripe	58.000	1	11436	4
1/2	1200	black with stripe	68.400	1	11435	4
1/2	2000	black with stripe	112.000	1	11440	4
5/8	500	black with stripe	40.000	1	11445	4
5/8	1500	black with stripe	118.500	1	11450	4
3/4	150	black with stripe	16.050	1	11455	4
3/4	300	black with stripe	32.400	1	11457	4
3/4	500	black with stripe	56.500	1	11458	4
3/4	800	black with stripe	86.400	1	11460	4
3/4	1000	black with stripe	108.000	1	11462	4
1	150	black with stripe	27.000	1	11465	4
1	500	black with stripe	88.000	1	11470	4
1 1/4	100	black with stripe	27.000	1	11475	4
1 1/2	100	black with stripe	36.500	1	11480	4
2	100	black with stripe	60.300	1	11485	4



**ViegaPEX Barrier tubing**

- PEX
- Straight length
- Oxygen diffusion barrier, protective outer layer

Technical Data

PEX designation code 5306  
 Chlorine resistance ratings CL5  
 UV resistance 6 months  
 ASTM F876, ASTM F877, NSF 61, CAN/ULC S101, CAN/ULC S102.2

**Model 2803US**

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
3/4	20	black with stripe	2.100	25	11500	4
1	20	black with stripe	3.500	5	11505	4
1 1/4	20	black with stripe	5.280	5	11510	4
1 1/2	20	black with stripe	7.400	5	11515	4
2	20	black with stripe	12.280	5	11520	4



**Viega FostaPEX tubing**

- Only for Viega PEX Press fittings
- PEX/AL/PE
- Coil
- Form stable

Technical Data

PEX designation code 5306  
 Note  
 UV resistance is 6 months for inner PEX core and extended with aluminum coating

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	150	silver	15.000	1	35020 <sup>1</sup>	6
1/2	300	silver	30.000	1	35019 <sup>1</sup>	6
1/2	400	silver	38.000	1	35021 <sup>1</sup>	6
5/8	150	silver	21.000	1	35030 <sup>1</sup>	4
5/8	400	silver	56.000	1	35031 <sup>1</sup>	4
3/4	150	silver	24.000	1	35040 <sup>1</sup>	6
1	150	silver	39.000	1	35060 <sup>1</sup>	6

<sup>1</sup>) center pull coil

ASTM F876, ASTM F877

**Model 2805US**



**Viega FostaPEX tubing**  
 - Only for Viega PEX Press fittings  
 - PEX/AL/PE  
 - Straight length  
 - Form stable

Technical Data  
 PEX designation code 5306

Note  
 UV resistance is 6 months for inner PEX core  
 and extended with aluminum coating

ASTM F876, ASTM F877  
**Model 2806US**

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	20	silver	2.000	25	<b>35520</b>	6
5/8	20	silver	3.000	25	<b>35530</b>	4
3/4	20	silver	3.200	25	<b>35540</b>	6
1	20	silver	5.200	10	<b>35560</b>	6



**Viega FostaPEX tubing**  
 - Only for Viega PEX Press fittings  
 - PEX/AL/PE  
 - Coil  
 - Form stable

Technical Data  
 PEX designation code 5306

Note  
 UV resistance is 6 months for inner PEX core  
 and extended with aluminum coating

ASTM F876, ASTM F877  
**Model 2808US**

d	L [ft]	Version	Wt [lb]	Quantity	Part No	DG
1/2	150	red	15.000	1	<b>35120<sup>1</sup></b>	6
3/4	150	red	24.000	1	<b>35140<sup>1</sup></b>	6
1	150	red	39.000	1	<b>35160<sup>1,2</sup></b>	6

<sup>1</sup> center pull coil  
<sup>2</sup> Available while supplies last

**Elbows**



**Viega PEX Press 90° elbow**  
**Zero Lead**  
 - Bronze  
 - Press connection  
**Model 2816ZL**

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.085	10	<b>93520</b>	6
3/4	3/4	0.153	10	<b>93540</b>	6
1	1	0.212	10	<b>93560</b>	6
1 1/4	1 1/4	0.359	5	<b>93570</b>	6
1 1/2	1 1/2	0.450	5	<b>93580</b>	6
2	2	1.681	1	<b>93590</b>	6



**Viega PEX Press 90° elbow**  
 - Bronze  
 - Press connection  
**Model 2816NG**

P1	P2	Wt [lb]	Quantity	Part No	DG
5/8	5/8	0.161	5	<b>83530</b>	4



**Viega PEX Press 90° elbow**  
**Smart Connect feature**  
 - Polymer  
 - Press connection  
**Model V5616**

P1	P2	Wt [lb]	Quantity	Part No	DG
3/8	3/8	0.023	25	<b>49210</b>	6
1/2	1/2	0.029	25	<b>49220</b>	6
3/4	3/4	0.047	25	<b>49240</b>	6
1	1	0.080	10	<b>49260</b>	6
1 1/4	1 1/4	0.171	5	<b>49270</b>	6
1 1/2	1 1/2	0.220	5	<b>49280</b>	6
2	2	0.377	1	<b>49290</b>	6



**Viega PEX Press 90° elbow**  
 - Bronze  
 - Press connection, female copper tube size  
**Model 2814.5NG**

P	C	Wt [lb]	Quantity	Part No	DG
5/8	3/4	0.344	5	<b>89312</b>	4



**Viega PEX Press 90° elbow**  
 - Bronze  
 - Press connection, street, female copper tube size  
**Model 2814.7NG**

P	FTG	C	Wt [lb]	Quantity	Part No	DG
5/8	3/4	1/2	0.333	5	<b>89313</b>	4



**Viega PEX Press 90° elbow  
Zero Lead**  
- Bronze  
- Press connection, male pipe thread  
**Model 2814ZL**

P	MPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.198	10	92520	6
1/2	3/4	0.315	10	92525	6
3/4	3/4	0.311	10	92540	6
3/4	1	0.748	10	92545	6
3/4	1 1/4	1.210	2	92565	6
1	1	0.743	10	92560	6
1	1 1/4	1.201	2	92570	6
1 1/4	1 1/4	1.270	2	92757	6
1 1/2	1 1/2	1.415	2	92580	6
2	2	2.870	2	92590	6

**Tees**



**Viega PEX Press tee**  
- Bronze  
- Press connection  
**Model 2818NG**

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
5/8	5/8	5/8	0.189	5	84030	4



**Viega PEX Press tee  
Zero Lead**  
- Bronze  
- Press connection  
**Model 2818ZL**

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
1/2	1/2	1/2	0.107	10	94020	6
1/2	1/2	3/4	0.194	10	94022	6
3/4	1/2	1/2	0.177	10	94032	6
3/4	1/2	3/4	0.179	10	94034	6
3/4	3/4	1/2	0.183	10	94036	6
3/4	3/4	3/4	0.178	10	94040	6
1	1/2	1/2	0.282	10	94037	6
1	1/2	1	0.233	10	94039	6
1	3/4	1/2	0.287	10	94038	6
1	3/4	3/4	0.220	10	94052	6
1	3/4	1	0.242	10	94053	6
1	1	1/2	0.216	10	94050	6
1	1	3/4	0.262	10	94056	6
1	1	1	0.296	10	94060	6
1 1/4	1	3/4	0.529	5	94071	6
1 1/4	1	1	0.569	5	94073	6
1 1/4	1 1/4	3/4	0.547	5	94072	6
1 1/4	1 1/4	1	0.588	5	94074	6
1 1/4	1 1/4	1 1/4	0.716	5	94070	6
1 1/2	1	3/4	0.627	5	94081	6
1 1/2	1	1	0.740	5	94082	6
1 1/2	1 1/2	3/4	0.681	5	94083	6
1 1/2	1 1/2	1	0.767	5	94084	6
1 1/2	1 1/2	1 1/4	0.862	5	94085	6
1 1/2	1 1/2	1 1/2	0.953	5	94080	6
2	1 1/2	1	1.697	5	94091*	6
2	1 1/2	1 1/4	1.737	5	94092*	6
2	2	2	1.772	1	94090	6

\* = Available while supplies last



**Viega PEX Press tee**  
**Smart Connect feature**  
 - Polymer  
 - Press connection  
**Model V5618**

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
3/8	3/8	3/8	0.035	25	49200	6
1/2	3/8	3/8	0.036	25	49322	6
1/2	1/2	3/8	0.039	25	49332	6
1/2	1/2	1/2	0.042	25	49520	6
1/2	1/2	3/4	0.052	25	49334	6
3/4	1/2	1/2	0.052	25	49433	6
3/4	1/2	3/4	0.061	25	49434	6
3/4	3/4	1/2	0.059	25	49443	6
3/4	3/4	3/4	0.068	25	49540	6
1	1/2	1/2	0.068	10	49533	6
1	1/2	1	0.097	10	49535	6
1	3/4	1/2	0.074	10	49543	6
1	3/4	3/4	0.084	10	49544	6
1	3/4	1	0.104	10	49545	6
1	1	1/2	0.088	10	49553	6
1	1	3/4	0.102	10	49554	6
1	1	1	0.115	10	49560	6
1 1/4	1	3/4	0.150	5	49754	6
1 1/4	1	1	0.166	5	49755	6
1 1/4	1 1/4	3/4	0.182	5	49774	6
1 1/4	1 1/4	1	0.206	5	49775	6
1 1/4	1 1/4	1 1/4	0.250	5	49570	6
1 1/2	1	3/4	0.170	5	49854	6
1 1/2	1	1	0.195	5	49855	6
1 1/2	1 1/4	3/4	0.233	5	49874	6
1 1/2	1 1/4	1	0.254	5	49875	6
1 1/2	1 1/4	1 1/4	0.290	5	49877	6
1 1/2	1 1/2	3/4	0.233	5	49884	6
1 1/2	1 1/2	1	0.245	5	49885	6
1 1/2	1 1/2	1 1/4	0.290	5	49887	6
1 1/2	1 1/2	1 1/2	0.326	5	49580	6
2	1 1/2	3/4		1	49984 <sup>1</sup>	6
2	1 1/2	1	0.315	1	49985	6
2	1 1/2	1 1/4	0.365	1	49987	6
2	1 1/2	1 1/2	0.390	1	49988	6
2	2	3/4	0.355	1	49994	6
2	2	1	0.373	1	49995	6
2	2	1 1/4	0.405	1	49997	6
2	2	1 1/2	0.435	1	49998	6
2	2	2	0.500	1	49590	6

<sup>1</sup> Available soon!

**Adapters**



**Viega PEX Press adapter**  
 - Bronze  
 - Press connection, male pipe thread  
**Model 2811NG**

P	MPT	Wt [lb]	Quantity	Part No	DG
5/8	1/2	0.119	5	80527	4
5/8	3/4	0.184	5	80531	4



**Viega PEX Press adapter**  
**Zero Lead**  
 - Bronze  
 - Press connection, male pipe thread  
**Model 2811ZL**

P	MPT	Wt [lb]	Quantity	Part No	DG
3/8	1/2	0.101	10	90506	6
1/2	1/2	0.099	10	90521	6
1/2	3/4	0.152	10	90526	6
3/4	1/2	0.110	10	90542	6
3/4	3/4	0.158	10	90541	6
3/4	1	0.281	10	90546	6
3/4	1 1/4	0.502	2	90562	6
1	3/4	0.181	10	90556	6
1	1	0.283	10	90561	6
1	1 1/4	0.514	2	90566	6
1 1/4	1 1/4	0.555	2	90571	6
1 1/2	1 1/2	0.672	2	90581	6
2	2	1.109	5	90591	6



**Viega PEX Press adapter  
Zero Lead**  
- Bronze  
- Press connection, female pipe thread  
**Model 2812ZL**

P	FPT	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.100	10	<b>91520</b>	6
1/2	3/4	0.132	10	<b>91525</b>	6
3/4	1/2	0.106	10	<b>91541</b>	6
3/4	3/4	0.138	10	<b>91540</b>	6
1	3/4	0.168	10	<b>91545</b>	6
1	1	0.239	10	<b>91560</b>	6
1 1/4	1 1/4	0.436	5	<b>91570</b>	6
1 1/2	1 1/2	0.518	5	<b>91580</b>	6
2	2	0.812	5	<b>91590</b>	6



**Viega PEX Press adapter  
Smart Connect feature**  
- Bronze  
- Press connection  
Components  
EPDM sealing elements  
**Model 2813PNG**

P1	P2	Wt [lb]	Quantity	Part No	DG
5/8	1/2	0.081	5	<b>69627</b>	4
5/8	3/4	0.134	5	<b>69628</b>	4



**Viega PEX Press adapter  
Smart Connect feature, Zero Lead**  
- For transitioning between Viega PEX Press  
and Viega ProPress  
- Bronze  
- Press connection  
Components  
EPDM sealing elements  
Note  
ProPress tool and jaw required  
**Model 2813PZL**

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.075	10	<b>99620</b>	6
1/2	3/4	0.114	10	<b>99626</b>	6
3/4	1/2	0.077	10	<b>99630</b>	6
3/4	3/4	0.113	10	<b>99640</b>	6
1	3/4	0.136	10	<b>99645</b>	6
1	1	0.185	10	<b>99660</b>	6
1 1/4	1	0.231	5	<b>99665</b>	6
1 1/4	1 1/4	0.283	5	<b>99670</b>	6
1 1/2	1	0.276	5	<b>99675</b>	6
1 1/2	1 1/2	0.443	5	<b>99680</b>	6
2	1	0.459	5	<b>99685</b>	6
2	2	0.719	5	<b>99690</b>	6



**Viega ProPress 90° extended street elbow  
Smart Connect feature**  
- For use with ASTM B88 tubing  
- Copper  
- Press connection, street  
Components  
EPDM sealing element  
**Model 2947**

P	FTG	L [in]	Wt [lb]	Quantity	Part No	DG
3/4	3/4	6	0.386	5	<b>77353</b>	8



**Viega ProPress insert stiffener**  
- For Viega ProPress 90° extended street  
elbow  
- Suitable for Viega ProPress 90° extended  
street elbow Model 2947  
- Bronze  
**Model 2946**

d	Wt [lb]	Quantity	Part No	DG
3/4	0.046	5	<b>16423</b>	8



**Viega PEX Press adapter**  
- Bronze  
- Press connection, female copper tube size  
**Model 2813.5NG**

P	C	Wt [lb]	Quantity	Part No	DG
5/8	1/2	0.072	5	<b>82027</b>	4
5/8	3/4	0.108	5	<b>82031</b>	4



**Viega PEX Press adapter  
Zero Lead**  
- Bronze  
- Press connection, female copper tube size  
**Model 2813.5ZL**

P	C	Wt [lb]	Quantity	Part No	DG
3/8	1/2	0.061	10	92006	6
1/2	1/2	0.062	10	92021	6
1/2	3/4	0.098	10	92026	6
3/4	1/2	0.066	10	92036	6
3/4	3/4	0.109	10	92041	6
3/4	1	0.172	10	92045	6
1	1	0.187	10	92060	6
1 1/4	1 1/4	0.318	5	92070	6
1 1/2	1 1/2	0.428	5	92080	6
2	2	0.568	5	92090	6



**Viega PEX Press adapter**  
- Bronze  
- Press connection, street  
**Model 2813.1NG**

P	FTG	Wt [lb]	Quantity	Part No	DG
5/8	1/2	0.077	5	87530	4
5/8	3/4	0.119	5	87531	4



**Viega PEX Press adapter  
Zero Lead**  
- Bronze  
- Press connection, street  
**Note**  
ProPress tool and jaw required  
**Model 2813.1ZL**

P	FTG	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.064	10	97520	6
1/2	3/4	0.097	10	97525	6
3/4	1/2	0.079	10	97535	6
3/4	3/4	0.101	10	97540	6
3/4	1	0.154	10	97545	6
1	1	0.174	10	97560	6
1 1/4	1 1/4	0.303	5	97570	6
1 1/2	1 1/2	0.434	5	97580	6
2	2	0.696	5	97590 <sup>1</sup>	6

<sup>1)</sup> for use with solder fittings only.

## Couplings



**Viega PEX Press coupling**  
- Bronze  
- Press connection  
**Model 2815NG**

P1	P2	Wt [lb]	Quantity	Part No	DG
5/16	5/16	0.032	5	83001	4
5/8	5/8	0.069	5	83030	4



**Viega PEX Press coupling  
Zero Lead**  
- Bronze  
- Press connection  
**Model 2815ZL**

P1	P2	Wt [lb]	Quantity	Part No	DG
3/8	3/8	0.040	10	93000	6
1/2	3/8	0.048	10	93005	6
1/2	1/2	0.051	10	93020	6
3/4	1/2	0.068	10	93050	6
3/4	3/4	0.072	10	93040	6
1	3/4	0.115	10	93055	6
1	1	0.130	10	93060	6
1 1/4	3/4	0.187	5	93071	6
1 1/4	1	0.207	5	93065	6
1 1/4	1 1/4	0.260	5	93070	6
1 1/2	3/4	0.234	5	93072	6
1 1/2	1	0.246	5	93073	6
1 1/2	1 1/4	0.289	5	93075	6
1 1/2	1 1/2	0.318	5	93080	6
2	1 1/2	0.491	5	93091	6
2	2	0.573	5	93090	6





**Viega PEX Press coupling**  
**Smart Connect feature**  
 - Polymer  
 - Press connection  
**Model V5615**

P1	P2	Wt [lb]	Quantity	Part No	DG
3/8	3/8	0.022	25	<b>49402</b>	6
1/2	3/8	0.024	25	<b>49342</b>	6
1/2	1/2	0.027	25	<b>49403</b>	6
3/4	1/2	0.034	25	<b>49343</b>	6
3/4	3/4	0.040	25	<b>49404</b>	6
1	3/4	0.055	10	<b>49354</b>	6
1	1	0.068	10	<b>49405</b>	6
1 1/4	3/4	0.101	5	<b>49347</b>	6
1 1/4	1	0.112	5	<b>49357</b>	6
1 1/4	1 1/4	0.151	5	<b>49407</b>	6
1 1/2	3/4	0.118	5	<b>49348</b>	6
1 1/2	1	0.133	5	<b>49358</b>	6
1 1/2	1 1/4	0.165	5	<b>49378</b>	6
1 1/2	1 1/2	0.190	5	<b>49408</b>	6
2	1 1/2	0.270	1	<b>49398</b>	6
2	2	0.305	1	<b>49409</b>	6



**Repair coupling tape**  
 - For wrapping PEX Press fittings in a slab  
 - Silicone  
**Model 2890.4US**

W [in]	L [ft]	Wt [lb]	Quantity	Part No	DG
1	10	0.131	1	<b>15320</b>	4



**Coupling**  
 - Brass  
 - Compression  
 - Low profile  
**Model 1030SV**

d1	d2	Wt [lb]	Quantity	Part No	DG
5/16	5/16	0.150	10	<b>19013</b>	4



**SVC coupling**  
 - Brass  
 - Compression  
Components  
 SVC coupling, (2) nuts and inserts  
**Model 1030.1SV**

SVC	d1	d2	Wt [lb]	Quantity	Part No	DG
✓	3/8	3/8	0.560	1	<b>19014</b>	4
✓	1/2	1/2	0.556	1	<b>19015</b>	4
✓	5/8	5/8	0.542	1	<b>19016</b>	4
✓	3/4	3/4	0.877	1	<b>19017</b>	4



**Viega PEX Press test plug**  
 - Bronze  
 - Press connection  
**Model 2856NG**

P	Wt [lb]	Quantity	Part No	DG
5/8	0.048	5	<b>85131</b>	4

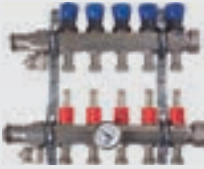


**Viega PEX Press test plug**  
**Smart Connect feature**  
 - Polymer  
 - Press connection  
**Model V5656**

P	Wt [lb]	Quantity	Part No	DG
3/8	0.011	25	<b>49722</b>	6
1/2	0.015	25	<b>49723</b>	6
3/4	0.022	25	<b>49744</b>	6
1	0.038	10	<b>49765</b>	6
1 1/4	0.151	5	<b>49770</b>	6
1 1/2	0.189	5	<b>49780</b>	6
2	0.280	1	<b>49790<sup>1</sup></b>	6

<sup>1</sup>) Available soon!

Manifolds

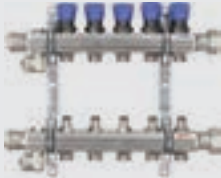


**Manifold**

- Equipped with air bleeder Model 2878.914, bracket Model 2878.912, purge valve Model 2878.915, supply flow meter valve Model 2878.920, supply shutoff balancing valve Model 2878.924
- Stainless steel
- SVC, union connection, female pipe thread
- Preassembled

**Model 2804**

Outlet(s)	SVC	Union	FPT	Wt [lb]	Quantity	Part No	DG
2	✓	1¼	1	5.383	1	15900	4
3	✓	1¼	1	7.423	1	15901	4
4	✓	1¼	1	6.903	1	15902	4
5	✓	1¼	1	7.893	1	15903	4
6	✓	1¼	1	9.247	1	15904	4
7	✓	1¼	1	10.212	1	15905	4
8	✓	1¼	1	11.262	1	15906	4
9	✓	1¼	1	12.561	1	15907	4
10	✓	1¼	1	13.661	1	15908	4
11	✓	1¼	1	14.656	1	15909	4
12	✓	1¼	1	15.541	1	15910	4



**Manifold**

- Equipped with air bleeder Model 2878.914, bracket Model 2878.912, purge valve Model 2878.915, supply shutoff balancing valve Model 2878.924
- Stainless steel
- SVC, union connection, female pipe thread
- Preassembled

**Model 2879**

Outlet(s)	SVC	Union	FPT	Wt [lb]	Quantity	Part No	DG
2	✓	1¼	1	4.519	1	15700	4
3	✓	1¼	1	5.323	1	15701	4
4	✓	1¼	1	6.268	1	15702	4
5	✓	1¼	1	7.063	1	15703	4
6	✓	1¼	1	8.233	1	15704	4
7	✓	1¼	1	9.212	1	15705	4
8	✓	1¼	1	10.032	1	15706	4
9	✓	1¼	1	11.227	1	15707	4
10	✓	1¼	1	12.142	1	15708	4
11	✓	1¼	1	13.041	1	15709	4
12	✓	1¼	1	13.881	1	15710	4



**Manifold ball valve set**

- For stainless steel manifold
- Nickel-plated brass
- Union connection, female pipe thread

**Note**

Includes (1) red-handled and (1) blue-handled ball valve.

**Model 2877.2**

Union	FPT	Wt [lb]	Quantity	Part No	DG
1¼	1	1.761	1	15056	4



**Manifold expansion set**

- For stainless steel manifold shutoff / balancing / flow meter
- Suitable for manifold Model 2804, manifold ball valve set Model 2877.2
- Stainless steel
- Union connection, female pipe thread

**Components**

- (2) 1¼" MPT x 1" MPT adapter, (2) gaskets, (2) expansion nipples

**Model 2877.5**

d	Union	FPT	Outlet(s)	Wt [lb]	Quantity	Part No	DG
1¼	1¼	1	1	1.804	1	15059	4



**Manifold expansion set**

- For stainless steel manifold shutoff / balancing
- Suitable for manifold Model 2879, manifold ball valve set Model 2877.2
- Stainless steel
- Union connection, female pipe thread

**Components**

- (2) 1¼" MPT x 1" MPT adapter, (2) gaskets, (2) expansion nipples

**Model 2877.4**

d	Union	FPT	Outlet(s)	Wt [lb]	Quantity	Part No	DG
1¼	1¼	1	1	1.665	1	15058	4



**Expansion nipple**

- For connecting stainless steel manifolds
- Nickel-plated brass
- Male pipe thread

**Model 2878.922**

MPT1	MPT2	Wt [lb]	Quantity	Part No	DG
1¼	1	0.312	2	15186	4



**Manifold outlet cap**

- For stainless steel manifold
- Nickel-plated brass
- SVC

Components

EPDM gasket

**Model 2856.7**

SVC	Wt [lb]	Quantity	Part No	DG
✓	0.073	2	<b>15054</b>	4



**Reducer**

- For stainless steel manifold to mixing station connections
- Bronze
- Male pipe thread, female pipe thread

**Model 1003.5SV**

MPT	FPT	Wt [lb]	Quantity	Part No	DG
1¼	1	0.364	2	<b>15044</b>	4



**Manifold end plug**

- For stainless steel manifold
- Nickel-plated brass
- Male pipe thread

Components

EPDM gasket

**Model 2856.6**

MPT	Wt [lb]	Quantity	Part No	DG
1	0.149	2	<b>15053</b>	4



**Circuit temperature gauge set**

- Chrome-plated steel
- Snaps on individual return circuit

Components

Temperature gauge, clip

**Model 2877.6**

Temp. [°F]	Wt [lb]	Quantity	Part No	DG
32–176	0.115	1	<b>15060</b>	4



**System pressurization kit**

- For pressure testing
- Suitable for manifold Model 2804, 2879, mixing station assembled shutoff / balancing Model 2879.2US, mixing station base unit Model 2801.0US, mixing station enhanced Model V1203.0, mixing station assembled shutoff / balancing Model 2879.2US

Components

(1) pressure gauge, (2) 1¼" MPT x 1" FPT reducer, (2) 1" MPT test plug, (1) male hose thread x SVC adapter

**Model 2873.5US**

Wt [lb]	Quantity	Part No	DG
1.969	1	<b>21210</b>	4



**Adapter**

- For Viega PEX Press connections with SVC manifold outlets
- Bronze
- Press connection, SVC

**Model 2819NG**

P	SVC	Wt [lb]	Quantity	Part No	DG
5/16	✓	0.138	5	<b>89407</b>	4
3/8	✓	0.138	5	<b>89408</b>	4
1/2	✓	0.140	5	<b>89409</b>	4
5/8	✓	0.161	5	<b>89413</b>	4
3/4	✓	0.158	5	<b>89410</b>	4



**Compression adapter**

- Bronze
- Compression, SVC
- Allows Viega PEX compression connections with SVC manifold outlets

Components

Adapter, compression ring, nut

**Model 1022SV**

P	SVC	Wt [lb]	Quantity	Part No	DG
5/16	✓	0.216	2	<b>19007</b>	4
3/8	✓	0.204	2	<b>19008</b>	4
1/2	✓	0.200	2	<b>19009</b>	4
5/8	✓	0.196	2	<b>19010</b>	4



**Compression adapter**  
 - Bronze  
 - Compression, SVC  
 - Allows Viega PEX compression connections with SVC manifold outlets  
Components  
 Adapter, compression ring, nut, threaded adapter  
**Model 1022.1SV**

P	SVC	Wt [lb]	Quantity	Part No	DG
3/4	✓	0.368	2	19011	4



**SVC compression adapter**  
 - Only for type L copper, type K copper, type M copper  
 - Brass  
 - SVC  
 - Allows compression copper connection with SVC manifold without soldering  
Components  
 Brass nut, plastic insert  
**Model 9438.5SV**

d	SVC	Wt [lb]	Quantity	Part No	DG
1/2	✓	0.086	10	19305	4
3/4	✓	0.320	10	19306	4



**SVC adapter**  
 - Bronze  
 - Male pipe thread, SVC  
**Model 1022.6SV**

MPT	SVC	Wt [lb]	Quantity	Part No	DG
1/2	✓	0.140	5	19109	4
3/4	✓	0.165	5	19110	4



**Coupling**  
 - Bronze  
 - SVC  
**Model 1022.7SV**

SVC1	SVC2	Wt [lb]	Quantity	Part No	DG
✓	✓	0.153	10	19012	4



**Strap-on temperature gauge set**  
 - Can be soldered  
Components  
 Gauge, mounting spring, heat transfer paste  
**Model 2810.3US**

d	Temp. [°F]	Wt [lb]	Quantity	Part No	DG
2 1/2	32–250	0.255	1	15055	4



**Manifold**  
 - Equipped with shutoff / balancing valve Model 2834.7US  
 - Type L copper  
 - Solder inlet connection, PEX Press outlet connection  
Components  
 Brass valves  
**Model 2834.9US**

Outlet(s)	d	P	gpm	Wt [lb]	Quantity	Part No	DG
12	1 1/2	5/8	32	13.851	1	17223	4
12	1 1/2	3/4	32	13.651	1	17224	4
12	2	5/8	45	16.295	1	17204	4
12	2	3/4	45	15.716	1	17205	4



**Manifold**  
 - Equipped with shutoff valve Model 2834.6US  
 - Type L copper  
 - Solder inlet connection, PEX Press outlet connection  
Components  
 Brass valves  
**Model 2834.8US**

Outlet(s)	d	P	gpm	Wt [lb]	Quantity	Part No	DG
12	1 1/2	5/8	32	10.257	1	17221	4
12	1 1/2	3/4	32	10.027	1	17222	4
12	2	5/8	45	12.496	1	17202	4
12	2	3/4	45	11.917	1	17203	4



**Manifold Valveless**  
 - Type L copper  
 - Solder  
**Model 2835US**

Outlet(s)	d1	d2	gpm	Wt [lb]	Quantity	Part No	DG
2	1	1/2	13	0.370	2	17140 <sup>1</sup>	4
3	1	1/2	13	0.500	2	17141 <sup>1</sup>	4
4	1	1/2	13	0.310	2	17142 <sup>1</sup>	4
12	1	1/2	13	1.460	2	17143 <sup>1</sup>	4
18	1 1/2	3/4	32	6.388	2	17120	4
18	2	3/4	45	9.067	2	17100	4

<sup>1</sup>) copper female inlet and male outlet header



**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	0.379	10	17261	4
3/4	3/4	0.420	10	17262	4



**Shutoff / balancing valve**  
 - Brass  
 - Female copper tube size, press connection  
**Model 2834.7US**

C	P	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.454	10	17263	4
3/4	5/8	0.676	10	17264	4
3/4	3/4	0.724	10	17265	4



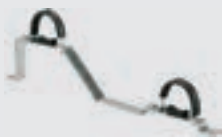
**Shutoff valve**  
 - Brass  
 - Female copper tube size, compression  
**Model 2834.3US**

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



**End cap**  
 - For use with 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	17144	4
1 1/2	1/2	1/8	0.665	1	17125	4
2	1/2	1/8	0.890	1	17106	4



**Manifold bracket**  
 - For use with copper manifolds  
 - Galvanized steel  
**Model 2878.927**

d	Wt [lb]	Quantity	Part No	DG
1	0.348	2	17145	4
1 1/2	0.505	1	17126	4
2	1.000	1	17107	4



**Manifold cabinet**  
 - Suitable for manifold Model 2804, 2879  
 - 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	26.992	1	15800	4
27	30	4 1/2	29.992	1	15801	4
45	30	4 1/2	48.486	1	15802	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
0.050	1	15217	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
	0.105	1	<b>16020</b>	4



**Zone control**

- Suitable for digital thermostat Model 2874.5US, powerhead Model 2877.7, thermostat heat/cool non programmable Model 2878.6, thermostat heat/cool programmable Model 2878.7, thermostat multistage heat/cool programmable Model 2878.8, zone valve Model 2837.1US, 2837.2US, 2837.3US
- Zone wiring and switching center

Components

Circuit board, 24 VAC transformer

**Model 2874.7US**

Zones	Wt [lb]	Quantity	Part No	DG
4	3.034	1	<b>18060</b>	4
6	5.159	1	<b>18062</b>	4



**Pump and boiler relay**

Components

120 VAC supply, 24 VAC transformer, control pump and boiler contact outputs with dry or powered input signal

**Model 2876.0US**

	Wt [lb]	Quantity	Part No	DG
	1.040	1	<b>18033</b>	4



**Digital thermostat**

- For sensing floor and/or room temperature
- Suitable for powerhead Model 2877.7, zone control Model 2874.7US
- Adjustable setback, controls up to (4) powerheads, high or low limit protection

**Model 2874.5US**

V	Wt [lb]	Quantity	Part No	DG
24	0.285	1	<b>18050</b>	4





**Floor sensor  
Digital thermostat**  
- Suitable for digital thermostat  
Model 2874.5US  
- 10KΩ  
**Model 2874.6US**

L [ft]	Wt [lb]	Quantity	Part No	DG
10	0.190	1	<b>18051</b>	4



**Thermostat  
Heat/cool non programmable**  
- For 1 stage heat / 1 stage cool  
- Suitable for powerhead Model 2877.7, zone control Model 2874.7US  
- Controls up to (4) powerheads, battery or 24V power  
**Model 2878.6**

V	Wt [lb]	Quantity	Part No	DG
24	0.675	1	<b>15116</b>	4



**Thermostat  
Heat/cool programmable**  
- For 1 stage heat / 1 stage cool  
- Suitable for powerhead Model 2877.7, zone control Model 2874.7US  
- Controls up to (4) powerheads, battery or 24V power  
**Model 2878.7**

V	Wt [lb]	Quantity	Part No	DG
24	0.695	1	<b>15117</b>	4



**Thermostat  
Multistage heat/cool, programmable**  
- Suitable for powerhead Model 2877.7, zone control Model 2874.7US  
- Controls up to (4) powerheads, battery or 24V power  
**Model 2878.8**

V	Wt [lb]	Quantity	Part No	DG
24	0.850	1	<b>15118</b>	4



**Powerhead**  
- Suitable for digital thermostat Model 2874.5US, manifold Model 2804, 2879, 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
<b>New</b>	2	24 VAC	0.301	1	<b>15070</b>	4
	2	24 VAC	0.301	1	<b>15061<sup>1</sup></b>	4
<b>New</b>	4	24 VAC	0.350	1	<b>15069</b>	4
	4	24 VAC	0.350	1	<b>15064<sup>1</sup></b>	4

<sup>1)</sup> Available while supplies last



**Powerhead**  
- Suitable for manifold Model 2804, 2879  
**Model 2877.8**

V	Wt [lb]	Quantity	Part No	DG
0-10VDC	0.350	1	<b>15068</b>	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	¾	¾	1.750	1	<b>17232</b>	4
24	1	1	2.684	1	<b>17233</b>	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	¾	¾	1.685	1	<b>17234</b>	4
24	1	1	2.699	1	<b>17235</b>	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	¾	¾	1.602	1	<b>17230</b>	4
24	1	1	1.670	1	<b>17231</b>	4



**Basic digital setpoint control II**

- For heating and cooling temperature control for slab applications

Components

- Watertight sensor, (2) isolated SPDT relay contacts

**Model 2875.4US**

	Wt [lb]	Quantity	Part No	DG
	1.816	1	<b>17029</b>	4



**Advanced snow melt control**

- Automatic activation, slab, air and moisture sensing, floating actuator or variable speed pump, boiler and system pump relay outputs

**Model 2872.4US**

	Wt [lb]	Quantity	Part No	DG
	10.297	1	<b>17015</b>	4

**Panels, Plates, Tracks, and Mats**



**Viega Climate Panel**

- For ¾" ViegaPEX Barrier
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood with aluminum backing

**Model 2810US**

L [in]	Spacing [in]	Wt [lb]	Quantity	Part No	DG
48	7	2.794	10	<b>14021</b>	4



**Viega Climate Panel Assembled**

- For 5/16" ViegaPEX Barrier
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood with aluminum backing
- (6) hinged panels

**Model 2810.2US**

L [in]	Spacing [in]	Wt [lb]	Quantity	Part No	DG
48	7	15.995	1	<b>14025</b>	4



**U-turn panel**

- For 5/16" ViegaPEX Barrier
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood with aluminum backing

**Model 2810.1US**

L [in]	W [in]	Spacing [in]	Wt [lb]	Quantity	Part No	DG
48	7	7	2.992	10	<b>14035</b>	4



**Multi-run panel**

- For 5/16" ViegaPEX Barrier, multiple supply and return lines
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood

**Model 2810.7US**

L [in]	W [in]	Spacing [in]	Wt [lb]	Quantity	Part No	DG
48	12	7	3.999	5	<b>14050</b>	4



**Multi-run access panel**

- For 5/16" ViegaPEX Barrier, multiple supply and return lines
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood

**Model 2810.71U**

L [in]	W [in]	Wt [lb]	Quantity	Part No	DG
12	7	0.500	6	<b>14055</b>	4



**Multi-run ninety panel**

- For 5/16" ViegaPEX Barrier, multiple supply and return lines
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410
- Plywood

**Model 2810.72U**

L [in]	W [in]	Wt [lb]	Quantity	Part No	DG
12	12	1.000	5	<b>14060</b>	4



**90° elbow sleeve**

- For 5/16" ViegaPEX Barrier
- Suitable for ViegaPEX Barrier tubing Part No 11400, 11405, 11410

Components

- Sleeve, plastic clip

**Model 2810.8US**

d	Wt [lb]	Quantity	Part No	DG
5/16	0.026	2	<b>15104</b>	4



**Heat transfer adhesive**

- Suitable for heat transfer plate Model 2857US, multi-run access panel Model 2810.71U, multi-run ninety panel Model 2810.72U, multi-run panel Model 2810.7US, u-turn panel Model 2810.1US, Viega Climate Panel Model 2810US, Viega Climate Panel assembled Model 2810.2US
- Heat transfer paste and adhesive

Note

- Groove Tube

**Model 2810.9US**

V [oz]	Wt [lb]	Quantity	Part No	DG
10.3	0.801	24	<b>14005</b>	4



**Viega Rapid Grid**

- For 3/8", 1/2", 5/8" ViegaPEX Barrier, 1/2" Viega FostaPEX
  - Suitable for ViegaPEX Barrier tubing Part No 11415, 11418, 11420, 11425, 11427, 11428, 11430, 11435, 11436, 11440, 11445, 11450, Viega FostaPEX tubing Part No 35020, 35021
  - High impact polystyrene
  - Grid fastening system
- Model 2857.2US**

L [ft]	W [ft]	H [in]	Wt [lb]	Quantity	Part No	DG
4	2	2 7/8	2.939	8	<b>15216</b>	4



**Viega Climate Trak**

- Suitable for ViegaPEX Barrier tubing Part No 11415, 11418, 11420, 11425, 11427, 11428, 11430, 11435, 11436, 11440
  - Extruded heavy gauge aluminum
  - Pre-drilled holes
- Model 2857.1US**

L [ft]	W [in]	d	Wt [lb]	Quantity	Part No	DG
4	3 1/2	3/8	1.150	20	<b>15209</b>	4
8	3 1/2	3/8	1.450	20	<b>15207</b>	4
4	3 1/2	1/2	1.150	20	<b>15210</b>	4
8	3 1/2	1/2	2.399	20	<b>15208</b>	4



**Heat transfer plate**

- Suitable for ViegaPEX Barrier tubing Part No 11415, 11418, 11420, 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	0.186	100	<b>15205</b>	4
19	5	1/2	0.184	100	<b>15206</b>	4



**Clip**

- Plastic
- Model 2871.6US**

d	Wt [lb]	Quantity	Part No	DG
5/16	0.012	100	<b>15112</b>	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		1	<b>18150</b>	4
1/2	9	4	4	6		1	<b>18151</b>	4
1/2	6	6	3	6		1	<b>18154</b>	4
1/2	6	6	2	6		1	<b>18155</b>	4
1/2	9	4	2	6		1	<b>18156</b>	4
5/8	9	4	2	6		1	<b>18157</b>	4
5/8	9	4	4	6		1	<b>18160</b>	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		1	<b>18158</b>	4
1/2	12	3	3	5		1	<b>18152</b>	4
5/8	12	3	3	5		1	<b>18159</b>	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	0.005	50	<b>18165</b>	4
5/8	0.005	50	<b>18166</b>	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	21.994	1	<b>12152</b>	4
PEX Press	21.994	1	<b>12153</b>	4
copper (male)	23.183	1	<b>12151</b>	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	26.036	1	<b>12121</b>	4
high head	PEX Press	27.422	1	<b>12123</b>	4
high head	copper (male)	26.092	1	<b>12125</b>	4



**Hydronic mixing block**  
 - Circulator, control, mixing valve  
**Components**  
 3-speed circulator, control, air vent, adapter fittings, bracket and sensors  
**Model 2887.3**

	Wt [lb]	Quantity	Part No	DG
	8.563	1	<b>56160</b>	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	1.095	1	<b>20080</b>	4
1	1.631	1	<b>20081</b>	4
1¼	2.224	1	<b>20082</b>	4
1½	3.884	1	<b>20083</b>	4
2	9.297	1	<b>20084</b>	4



**Diverting valve  
Three way**  
 - Female copper tube size  
**Components**  
 Solder tailpieces  
**Model 2873.1US**

C	Wt [lb]	Quantity	Part No	DG
¾	2.199	1	<b>20001</b>	4
1	2.999	1	<b>20002</b>	4
1¼	6.098	1	<b>20003</b>	4
1½	6.098	1	<b>20041</b>	4



**Viēga ProPress tailpiece  
Smart Connect feature, Zero Lead**  
 - For use with ASTM B88 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	0.237	1	<b>79800</b>	8
¾	1	0.258	1	<b>79805</b>	8
1	1	0.309	1	<b>79810</b>	8
1	1¼	0.387	1	<b>79815</b>	8



**Actuator**  
 - Suitable for mixing valve three way  
 Model 2876.3US  
 - Modulating  
**Model 2870.7US**

V	for d	Wt [lb]	Quantity	Part No	DG
24 VAC	¾, 1, 1¼, 1½, 2	0.125	1	<b>20042</b>	4



**Actuator  
Three position**  
 - For diverting valve control  
 - Suitable for basic heating control  
 Model 2871.0US, diverting valve three way  
 Model 2873.1US  
 - Floating  
**Model 2872.7US**

V	Wt [lb]	Quantity	Part No	DG
24 VAC	0.535	1	18003	4



**Actuator  
Proportional**  
 - For diverting valve control from direct digital control (DDC) system  
 - Modulating  
**Model 2874.4US**

V	Wt [lb]	Quantity	Part No	DG
0-10VDC	0.243	1	18025 <sup>1)</sup>	4

<sup>1)</sup> Available while supplies last



**Actuator  
Proportional**  
 - For diverting valve control from direct digital control (DDC) system  
 - Modulating  
**Model 2877.81**

V	Wt [lb]	Quantity	Part No	DG
0-10VDC	0.243	1	18027	4

**Tools**



**Viega PEX Press hand tool**  
 - Ratcheting design, color coded handles  
**Model 2882US**

d	Version	Wt [lb]	Quantity	Part No	DG
5/16	black	3.196	1	60010	4
3/8	green	3.446	1	50000	6
1/2	yellow	3.409	1	50020	6
5/8	red	3.459	1	50030	4
3/4	blue	3.374	1	50040	6
1	orange	4.579	1	50060	6



**Viega PEX Press starter tool set**  
 - Equipped with tubing cutter Model 2889.2US,  
 Viega PEX Press hand tool Part No 50020,  
 50040  
**Model 2880.2**

for d	Wt [lb]	Quantity	Part No	DG
1/2, 3/4	12.591	1	56000	6



**Viega PEX Press complete heating tool set**  
 - Equipped with prep tool Model 2858,  
 Viega PEX Press hand tool Part No 50000,  
 50020, 50030, 50040, 50060  
**Model 2880.5US**

for d	Wt [lb]	Quantity	Part No	DG
3/8, 1/2, 5/8, 3/4, 1	26.992	1	56030	4



**Prep tool**  
 - For removing PE and aluminum layer from  
 Viega FostaPEX tubing  
**Model 2858**

for d	Wt [lb]	Quantity	Part No	DG
1/2, 3/4	1.034	1	54030	6
5/8, 1	1.386	1	54050	6



**Blade**  
 - Spare part for prep tool Model 2858  
 - Steel  
**Model 2858.1**

	Wt [lb]	Quantity	Part No	DG
	0.015	2	54075	6





**Compact press tool kit**

- For Viega PEX Press connections 3/8" - 1 1/2", Viega ProPress connections up to 1 1/4"
- Not for 2" Viega PEX Press connections
- Equipped with PEX press jaw compact Part No 56053, 56055, 56056

Components

Ridgid 210-B tool, battery, battery charger  
**Model 2999.6**

for d	Wt [lb]	Quantity	Part No	DG
1/2, 3/4, 1	23.793	1	<b>57051</b>	6



**Compact press tool kit**

- For Viega PEX Press connections 3/8" - 1 1/2", Viega ProPress connections up to 1 1/4"
- Not for 2" Viega PEX Press connections

Components

Ridgid 210-B tool, battery, battery charger  
**Model 2999.7**

	Wt [lb]	Quantity	Part No	DG
	15.601	1	<b>57057</b>	6



**PEX press jaw Compact**

- For Ridgid compact tools, PEX tubing
- Steel

**Model 2884.7US**

Press Jaws	Wt [lb]	Quantity	Part No	DG
3/8	2.299	1	<b>56052</b>	6
1/2	2.349	1	<b>56053</b>	6
5/8	2.299	1	<b>56054</b>	4
3/4	2.369	1	<b>56055</b>	6
1	2.469	1	<b>56056</b>	6
1 1/4	2.879	1	<b>56060</b>	6
1 1/2	2.749	1	<b>56061</b>	6



**PEX press jaw Standard**

- For Ridgid standard tools, PEX tubing
- Steel

**Model 2899.7US**

Press Jaws	Wt [lb]	Quantity	Part No	DG
1/2	2.765	1	<b>56073</b>	6
5/8	3.799	1	<b>56074</b>	4
3/4	4.219	1	<b>56075</b>	6
1	3.939	1	<b>56076</b>	6
1 1/4	4.289	1	<b>56080</b>	6
1 1/2	3.284	1	<b>56081</b>	6
2	9.242	1	<b>56082</b>	6



**SVC wrench**

- For SVC fitting nuts on manifolds
- Chrome-plated steel

**Model 2889.4US**

SVC	Wrench [in]	Wrench [mm]	Wt [lb]	Quantity	Part No	DG
✓	1 3/16	30	0.329	1	<b>50002</b>	4



**Pneumatic staple gun**

- For ViegaPEX Barrier 5/16" to 5/8"
- Consistently leaves 1/8" above tubing

**Model 2889.7US**

	Wt [lb]	Quantity	Part No	DG
	9.657	1	<b>21430</b>	4



**Staple**

**Pneumatic staple gun**

- Suitable for pneumatic staple gun Model 2889.7US
- Galvanized steel

**Model 2889.8US**

W [in]	D [in]	Wt [lb]	Quantity	Part No	DG
1	1 1/4	0.003	10000	<b>21431</b>	4



**Pneumatic PEX hammer**

- For installation of PEX tubing
- Suitable for multi-run access panel  
Model 2810.71U, multi-run ninety panel  
Model 2810.72U, multi-run panel  
Model 2810.7US, u-turn panel  
Model 2810.1US, Viega Climate Trak  
Model 2857.1US, Viega Climate Panel  
Model 2810US, Viega Climate Panel  
assembled Model 2810.2US

**Model 2899.8US**

	Wt [lb]	Quantity	Part No	DG
	2.199	1	<b>21450</b>	4



**Staple gun**

- For foam board insulation
- Suitable for staple Model 2890.0US, staple  
foam staple gun Model 2890.3US
- Manual

**Model 2891.1US**

	Wt [lb]	Quantity	Part No	DG
	8.283	1	<b>21432</b>	4



**Staple**

- Suitable for staple gun Model 2891.1US
- Plastic

**Model 2890.0US**

d	Wt [lb]	Quantity	Part No	DG
2½	0.003	300	<b>15312</b>	4



**Staple**

**Foam staple gun**

- Suitable for staple gun Model 2891.1US
- Plastic

**Model 2890.3US**

d	Wt [lb]	Quantity	Part No	DG
1½	0.005	300	<b>15313</b>	4



**Decoiler**

**Drum and base**

- Suitable for ViegaPEX Barrier tubing  
Part No 11410, 11420, 11440, 11450, 11460,  
11462
- without tubing

**Model 2875.6US**

max d	Wt [lb]	Quantity	Part No	DG
¾	129.963	1	<b>21310</b>	4



**Decoiler**

**Compact**

- Suitable for ViegaPEX Barrier tubing  
Part No 11400, 11405, 11415, 11418, 11425,  
11427, 11428, 11430, 11435, 11436, 11445,  
11455, 11457, 11458, 11460
- Folds for easy transport

**Model 2889.6US**

max d	Wt [lb]	Quantity	Part No	DG
¾	31.991	1	<b>21316</b>	4



**Tubing cutter**  
 - For PEX tubing  
 - Suitable for Viega FostaPEX tubing  
 Model 2805US, 2806US, 2808US  
 - Steel  
 - Ratcheting design  
**Model 2840**

max d	Wt [lb]	Quantity	Part No	DG
2	1.600	1	<b>53561</b>	5



**Tubing cutter**  
 - For PEX tubing  
 - Plastic  
**Model 2889.2US**

max d	Wt [lb]	Quantity	Part No	DG
1	0.351	1	<b>21304</b>	5



**Tubing cutter**  
 - For PEX tubing  
 - Plastic  
**Model V5055**

max d	Wt [lb]	Quantity	Part No	DG
1½	0.401	1	<b>21307</b>	5



**Blade**  
 - Suitable for tubing cutter Model V5055  
 - Steel  
**Model V5055.1**

	Wt [lb]	Quantity	Part No	DG
	0.080	1	<b>21317</b>	5

## Accessories



**Circulator**  
 - Cast iron  
 - 3-speed, direct drive, wet rotor, inline  
**Model 2801.1US**

Circulator	Wt [lb]	Quantity	Part No	DG
low head	7.248	1	<b>12126</b>	4



**Circulator**  
 - Cast iron  
 - 3-speed, direct drive, wet rotor, inline  
**Model 2801.9US**

Circulator	Wt [lb]	Quantity	Part No	DG
high head	10.247	1	<b>12127</b>	4



**Flange set**  
Components  
 (2) flanges, (2) sealing elements, (4) nuts,  
 (4) bolts  
**Model 2881.9US**

d	Wt [lb]	Quantity	Part No	DG
¾	2.234	1	<b>16207</b>	4
1	2.329	1	<b>16209</b>	4
1¼	1.915	1	<b>16211</b>	4
1½	1.915	1	<b>16212</b>	4



**Spring check valve**  
 - For prevention of gravity circulation or  
 backflow  
 - Female pipe thread  
 - Horizontal or vertical installation, non-ferrous  
**Model 2873.4US**

FPT1	FPT2	Wt [lb]	Quantity	Part No	DG
½	½	0.255	1	<b>20201</b>	4
¾	¾	0.400	1	<b>20202</b>	4
1	1	0.562	1	<b>20203</b>	4
1¼	1¼	0.800	1	<b>20204</b>	4
1½	1½	1.100	1	<b>20205</b>	4



**Sensor well**  
 - For housing temperature sensor  
 - Suitable for basic heating control  
 Model 2871.0US  
 - Fits into solder cup or Viega ProPress fitting  
**Model 2801.4US**

CTS	Wt [lb]	Quantity	Part No	DG
1/2	1.000	1	<b>12128</b>	4



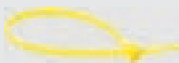
**Heat exchanger**  
 - Brazed stainless steel  
**Model 2859US**

W [in]	L [in]	H [in]	Plates	Wt [lb]	Quantity	Part No	DG
5	12	1.8	16	8.343	1	<b>22006</b>	4
5	12	3.6	36	14.856	1	<b>22007</b>	4
5	12	6.7	70	28.992	1	<b>22008</b>	4



**Pressure differential valve**  
 - Brass  
 - Female pipe thread  
**Model 2871.8US**

FPT	Wt [lb]	Quantity	Part No	DG
1	2.069	1	<b>20102</b>	4
1 1/4	3.159	1	<b>20103</b>	4



**Zip tie**  
 - Plastic  
**Model 2866US**

L [in]	Version	Wt [lb]	Quantity	Part No	DG
8.7	yellow	0.003	100	<b>15304</b>	4



**Staple**  
 - Suitable for staple gun Model 2891.1US  
 - Plastic  
**Model 2890.0US**

d	Wt [lb]	Quantity	Part No	DG
2 1/2	0.003	300	<b>15312</b>	4



**Staple  
 Foam staple gun**  
 - Suitable for staple gun Model 2891.1US  
 - Plastic  
**Model 2890.3US**

d	Wt [lb]	Quantity	Part No	DG
1 1/2	0.005	300	<b>15313</b>	4



**Staple  
 Pneumatic staple gun**  
 - Suitable for pneumatic staple gun  
 Model 2889.7US  
 - Galvanized steel  
**Model 2889.8US**

W [in]	D [in]	Wt [lb]	Quantity	Part No	DG
1	1 1/4	0.003	10000	<b>21431</b>	4



**U-channel fastener**  
 - Plastic  
 - Pre-drilled holes  
**Model 2864US**

W [in]	L [ft]	Wt [lb]	Quantity	Part No	DG
1/2	6 1/2	1.100	16	<b>15310</b>	4
5/8	6 1/2	1.899	16	<b>15311</b>	4
3/4	6 1/2	1.300	16	<b>15314</b>	4



**Bend support**

- For in slab applications
- Not for Viega FostaPEX
- Plastic

**Model 2851US**

for d	Wt [lb]	Quantity	Part No	DG
3/8	0.069	10	<b>15106</b>	4
1/2	0.108	10	<b>15107</b>	4
5/8, 3/4	0.167	10	<b>15108</b>	4
1	0.830	1	<b>15111</b>	4



**Repair coupling tape**

- For wrapping PEX Press fittings in a slab
- Silicone

**Model 2890.4US**

W [in]	L [ft]	Wt [lb]	Quantity	Part No	DG
1	10	0.131	1	<b>15320</b>	4



**J-clamp tubing fasteners**

- Plastic
- Components
- Nail

**Model 2860US**

for d	Wt [lb]	Quantity	Part No	DG
3/8	0.006	100	<b>52000</b>	2
1/2	0.008	100	<b>52020</b>	2
3/4	0.013	100	<b>52040</b>	2
1	0.021	100	<b>52060</b>	2



**Lock clip**

- Plastic

**Model 2863US**

for d	Wt [lb]	Quantity	Part No	DG
5/16	0.004	100	<b>58070</b>	4
3/8	0.014	100	<b>58071</b>	2
1/2	0.006	100	<b>58072<sup>1</sup></b>	2
3/4	0.019	50	<b>58073<sup>2</sup></b>	2
1	0.025	50	<b>58074</b>	2
1 1/4	0.030	50	<b>58075</b>	2
1 1/2	0.040	25	<b>58076</b>	2
2	0.050	15	<b>58077</b>	2

<sup>1</sup>) Suitable for ViegaPEX Barrier tubing Part No 11445, 11450

<sup>2</sup>) Suitable for Viega FostaPEX tubing Part No 35030, 35031, 35530



**Multi-clip**

- Plastic

Components

- Mounting screw

**Model 2867US**

max d	Wt [lb]	Quantity	Part No	DG
1	0.029	100	<b>52006</b>	2
2	0.090	25	<b>52007</b>	2



**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	0.005	50	<b>18165</b>	4
5/8	0.005	50	<b>18166</b>	4



**Bend support**

**Drop ear**

- Not for Viega FostaPEX
- Plastic-coated steel

**Model 2850.1US**

for d	Wt [lb]	Quantity	Part No	DG
3/8, 1/2	0.199	25	<b>50520</b>	2



**Bend support**  
 - Not for Viega FostaPEX  
 - Plastic  
**Model 2850.2US**

for d	Wt [lb]	Quantity	Part No	DG
3/8	0.062	25	<b>51000</b>	2
1/2	0.083	25	<b>51020</b>	2
5/8, 3/4	0.154	25	<b>51040</b>	2
1	0.238	25	<b>51060</b>	2



**Clip**  
 - For wire mesh  
 - Suitable for ViegaPEX Barrier tubing  
 Part No 11425, 11427, 11430, 11435, 11436, 11440, 11445, 11450  
 - Plastic  
**Model 2865.1US**

for d	Wt [lb]	Quantity	Part No	DG
1/2, 5/8	0.014	100	<b>15301</b> <sup>1</sup>	4

<sup>1</sup> Available while supplies last

**Spare parts**



**Flow meter cap**  
 - For stainless steel manifold shutoff / balancing / flow meter  
 - Spare part for manifold Model 2804  
 - Plastic  
**Model 2878.910**

	Wt [lb]	Quantity	Part No	DG
	0.015	1	<b>15171</b>	4



**Return shutoff cap**  
 - For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter  
 - Spare part for manifold Model 2804, 2879  
 - Plastic  
**Model 2878.911**

	Wt [lb]	Quantity	Part No	DG
	0.064	1	<b>15172</b>	4



**Manifold replacement temperature gauge**  
 - For stainless steel manifold shutoff / balancing / flow meter  
 - Spare part for manifold Model 2804  
**Model 2878.913**

Temp. [°F]	Wt [lb]	Quantity	Part No	DG
32-176	0.095	1	<b>15175</b>	4



**Air bleeder**  
 - For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter  
 - Spare part for manifold Model 2804, 2879  
 - Nickel-plated brass  
 - Male pipe thread  
 - Manual  
**Model 2878.914**

	Wt [lb]	Quantity	Part No	DG
	0.079	1	<b>15176</b>	4



**Purge valve**  
 - For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter  
 - Spare part for manifold Model 2804, 2879  
 - Nickel-plated brass  
 - Male pipe thread  
**Model 2878.915**

	Wt [lb]	Quantity	Part No	DG
	0.330	1	<b>15177</b>	4





**Return valve seat  
Long**

- For stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804
- Nickel-plated brass
- Male pipe thread, SVC

**Model 2878.916**

SVC	Wt [lb]	Quantity	Part No	DG
✓	0.175	1	<b>15178</b>	4



**Return valve seat  
Short**

- For stainless steel manifold shutoff / balancing
- Spare part for manifold Model 2879
- Nickel-plated brass
- Male pipe thread, SVC

**Model 2878.917**

SVC	Wt [lb]	Quantity	Part No	DG
✓	0.115	1	<b>15179</b>	4



**Supply valve seat**

- For stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804
- Nickel-plated brass
- Male pipe thread, SVC

**Model 2878.918**

SVC	Wt [lb]	Quantity	Part No	DG
✓	0.155	1	<b>15180</b>	4



**Return valve**

- For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804, 2879

**Model 2878.919**

	Wt [lb]	Quantity	Part No	DG
	0.183	1	<b>15181</b>	4



**Supply shutoff balancing valve**

- For stainless steel manifold shutoff / balancing
- Spare part for manifold Model 2879
- Nickel-plated brass
- Male pipe thread

**Model 2878.924**

	Wt [lb]	Quantity	Part No	DG
	0.152	1	<b>15182</b>	4



**Temperature gauge well**

- For stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804
- Nickel-plated brass
- Male pipe thread

**Model 2878.925**

	Wt [lb]	Quantity	Part No	DG
	0.125	1	<b>15183</b>	4



**Supply flow meter valve**

- For stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804
- Nickel-plated brass
- Male pipe thread
- Clear plastic sight glass

**Model 2878.920**

	Wt [lb]	Quantity	Part No	DG
	0.184	1	<b>15184</b>	4



**Inlet gasket**

- For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804, 2879
- Rubber

**Model 2878.923**

	Wt [lb]	Quantity	Part No	DG
	0.012	2	<b>15170</b>	4



**Bracket**

- For stainless steel manifold shutoff / balancing, stainless steel manifold shutoff / balancing / flow meter
- Spare part for manifold Model 2804, 2879
- Galvanized steel

**Model 2878.912**

	Wt [lb]	Quantity	Part No	DG
	0.805	2	<b>15174</b>	4



**Purge valve**

- For 1½" and 1" brass manifolds
- Brass
- National Pipe Thread, hose connection

**Model 1069SV**

NPT	Wt [lb]	Quantity	Part No	DG
½	0.253	1	<b>15032</b>	4



**Air vent**

- For 1½" and 1" brass manifolds
- Brass

Components

Air vent, air bleeder

**Model 1028SV**

MPT	Wt [lb]	Quantity	Part No	DG
¾	0.498	1	<b>15033</b>	4



**Outdoor sensor**

- Spare part for advanced snow melt control Model 2872.4US, basic heating control Model 2871.0US, hydronic mixing block Model 2887.3
- Plastic

Components

10kΩ thermistor

**Model 2871.4US**

Temp. [°F]	W [in]	Wt [lb]	Quantity	Part No	DG
-60–140	1½	0.335	1	<b>16017</b>	4



**Universal sensor**

- Suitable for advanced snow melt control Model 2872.4US, basic heating control Model 2871.0US, hydronic mixing block Model 2887.3, sensor well Model 2801.4US
- 10KΩ sensor

**Model 2870.9US**

L [in]	Wt [lb]	Quantity	Part No	DG
12	0.110	1	<b>16018</b>	4



**Setpoint or basic snow sensor cable**

- Suitable for basic digital setpoint control II Model 2875.4US, basic digital snow melt control II Model 2875.3US

**Model 2875.5US**

L [ft]	Wt [lb]	Quantity	Part No	DG
6	0.002	1	<b>17031</b>	4



**Advanced snow melt control sensor**  
 - Spare part for advanced snow melt control  
 Model 2872.4US  
 - Suitable for sensor housing Model 2865.3US  
**Model 2875.8US**

L [ft]	Wt [lb]	Quantity	Part No	DG
65	3.349	1	<b>17016</b>	4



**Sensor housing**  
 - Spare part for advanced snow melt control  
 Model 2872.4US  
**Model 2865.3US**

Wt [lb]	Quantity	Part No	DG
1.075	1	<b>17017</b>	4



**Microprocessor**  
 - Spare part for advanced snow melt control  
 Model 2872.4US  
**Model 2865.4US**

Wt [lb]	Quantity	Part No	DG
2.514	1	<b>17020</b>	4



**Compression ring**  
 - Brass  
**Model 1022.8SV**

d	Wt [lb]	Quantity	Part No	DG
$\frac{5}{16}$	0.008	10	<b>19025</b>	4
$\frac{3}{8}$	0.010	10	<b>19026</b>	4
$\frac{1}{2}$	0.012	10	<b>19027</b>	4
$\frac{5}{8}$	0.014	10	<b>19028</b>	4
$\frac{3}{4}$	0.016	10	<b>19029</b>	4



**SVC adapter**  
 - For adapting 16mm PEX to SVC connections  
 - Brass  
**Model 2876.4US**

Wt [lb]	Quantity	Part No	DG
0.196	10	<b>19412</b>	4



**Return valve**  
 - For Stadler brass manifolds  
 - Brass  
 - Male pipe thread  
**Model 2876.5US**

Wt [lb]	Quantity	Part No	DG
0.205	1	<b>13265</b>	4



**Supply valve**  
 - For Stadler brass manifolds  
 - Brass  
**Model 2876.6US**

Wt [lb]	Quantity	Part No	DG
0.230	1	<b>13266</b>	4



**Valve seat**  
 - For Stadler brass manifold supply and return  
 - Brass  
 - Male pipe thread  
**Model 2876.7US**

Wt [lb]	Quantity	Part No	DG
0.140	1	<b>13267</b>	4



**Supply valve**  
 - For 1" brass manifolds  
 - Brass  
 - Male pipe thread  
**Model 2887.0**

Wt [lb]	Quantity	Part No	DG
0.160	1	15003	4



**Valve seat**  
 - For 1" brass manifold supply and return  
 - Brass  
 - Male pipe thread  
**Model 2887.1**

Wt [lb]	Quantity	Part No	DG
0.136	1	15004	4



**Return valve**  
 - For 1" brass manifolds  
 - Brass  
 - Male pipe thread  
**Model 2887.2**

Wt [lb]	Quantity	Part No	DG
0.175	1	15005	4



**Adapter ring**  
 - For adapting powerhead to 1" brass manifold  
 - Suitable for powerhead Model 2877.7  
 - Plastic  
**Model 2877.9**

Wt [lb]	Quantity	Part No	DG
0.040	1	15063	4



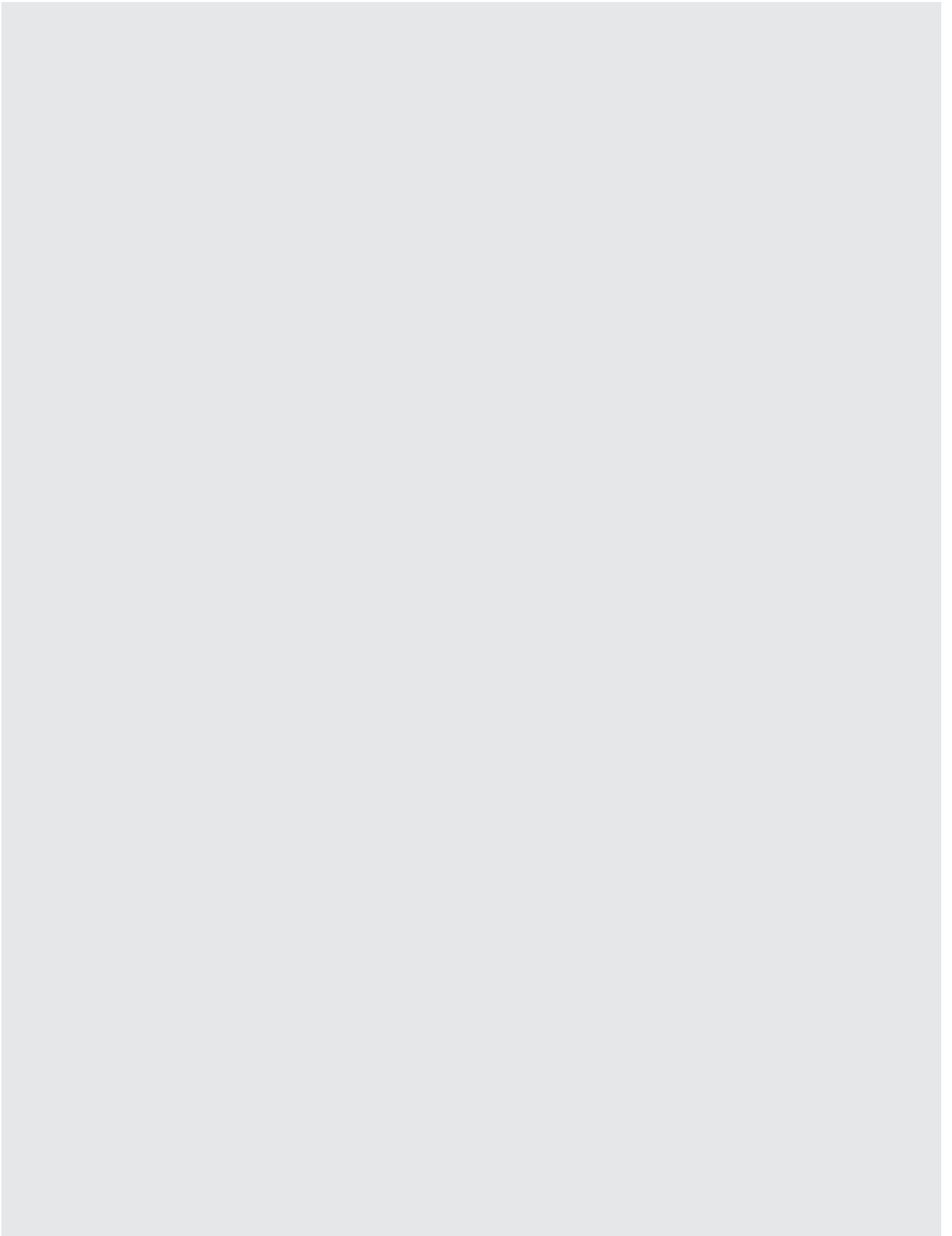
**Adapter ring**  
 - For adapting powerhead to Stadler brass manifold  
 - Suitable for powerhead Model 2877.7  
 - Plastic  
**Model 2879.9US**

Wt [lb]	Quantity	Part No	DG
0.035	1	15065	4



**Adapter ring**  
 - For stainless steel manifold  
 - Suitable for powerhead Model 2877.7  
 - Plastic  
**Model 2899.1**

Wt [lb]	Quantity	Part No	DG
0.020	1	15066	4



## GeoFusion



**viega**



## GeoFusion

Viega GeoFusion socket fusion fittings are a reliable, high-quality option for ground source heat exchange applications. With 20 years experience in socket fusion fitting production, Viega GeoFusion fittings provide installers with the superior products they need to connect open and closed-loop geothermal and hydronic distribution piping systems.

### FEATURES AND BENEFITS

- Variety of brass-to-PE adapters and one piece molded reducers in sizes ¼" to 2"
- Enhanced performance due to high quality PE4710 resin
- Superior resistance to Slow Crack Growth (SCG)
- Reduced lead time
- Compliance with ASTM D-2683
- Trusted superiority through ISO certification

### CODES AND STANDARDS

- NSF 358-1: Polyethylene pipe and fittings for water-based ground-source "geothermal" heat pump systems
- ASTM D-2683: Standard specification for socket-type polyethylene fittings for outside diameter-controlled polyethylene pipe and tubing

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**Elbows**



**Viega GeoFusion 90° elbow**  
 - High density polyethylene (HDPE)  
 - Socket fusion  
**Model V9016**

IPS1	IPS2	Wt [lb]	Quantity	Part No	DG
¾	¾	0.075	75	<b>39060</b>	11
1	¾	0.119	50	<b>39061</b>	11
1	1	0.131	50	<b>39062</b>	11
1¼	¾	0.188	100	<b>39063</b>	11
1¼	1	0.185	100	<b>39064</b>	11
1¼	1¼	0.200	75	<b>39065</b>	11
1½	1½	0.240	50	<b>39067</b>	11
2	1¼	0.471	25	<b>39068</b>	11
2	2	0.525	25	<b>39069</b>	11



**Viega GeoFusion 90° elbow**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male pipe thread  
**Model V9016.5**

IPS	MPT	Wt [lb]	Quantity	Part No	DG
1	¾	0.330	15	<b>39100</b>	11
1	1	0.550	20	<b>39101</b>	11
1¼	1	0.627	25	<b>39102</b>	11
1¼	1¼	1.010	10	<b>39103</b>	11



**Viega GeoFusion 90° elbow**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male nominal thread  
**Model V9016.4**

IPS	MNT	Wt [lb]	Quantity	Part No	DG
¾	1	0.260	20	<b>39090</b>	11
1	1	0.270	15	<b>39091</b>	11



**Viega GeoFusion 90° elbow**  
 - High density polyethylene (HDPE)  
 - Socket fusion, stub socket fusion  
**Model V9016.2**

IPS	Stub	Wt [lb]	Quantity	Part No	DG
¾	¾	0.054	100	<b>39070</b>	11
1	1	0.085	100	<b>39071</b>	11
1¼	1¼	0.176	100	<b>39072</b>	11



**Viega GeoFusion 90° elbow**  
 - High density polyethylene (HDPE)  
 - Socket fusion, female socket fusion  
**Model V9016.3**

IPS	PFC	Wt [lb]	Quantity	Part No	DG
1¼	1¼	0.182	100	<b>39080</b>	11

PFC = GeoFusion Female Connection

**Tees**



**Viega GeoFusion tee**  
 - High density polyethylene (HDPE)  
 - Socket fusion  
**Model V9018**

IPS1	IPS2	IPS3	Wt [lb]	Quantity	Part No	DG
¾	¾	¾	0.089	75	<b>39110</b>	11
1	1	¾	0.162	50	<b>39111</b>	11
1	1	1	0.170	50	<b>39112</b>	11
1¼	¾	¾	0.198	75	<b>39113</b>	11
1¼	1	1	0.265	75	<b>39114</b>	11
1¼	1¼	¾	0.238	75	<b>39115</b>	11
1¼	1¼	1	0.308	50	<b>39116</b>	11
1¼	1¼	1¼	0.224	75	<b>39117</b>	11
1½	1½	1	0.271	50	<b>39118</b>	11
1½	1½	1½	0.300	50	<b>39119</b>	11
2	1¼	1¼	0.579	25	<b>39120</b>	11
2	2	¾	0.715	25	<b>39121</b>	11
2	2	1	0.712	25	<b>39122</b>	11
2	2	1¼	0.576	25	<b>39123</b>	11
2	2	2	0.521	25	<b>39124</b>	11



**Viega GeoFusion header tee**  
 - High density polyethylene (HDPE)  
 - Socket fusion, stub socket fusion  
**Model V9018.2**

IPS1	Stub	IPS2	Wt [lb]	Quantity	Part No	DG
1	1	¾	0.269	25	<b>39140</b>	11
1	1	1	0.263	25	<b>39141</b>	11
1¼	1	¾	0.315	25	<b>39142</b>	11
1¼	1	1	0.309	25	<b>39143</b>	11
1¼	1¼	¾	0.333	25	<b>39144</b>	11
1¼	1¼	1	0.313	50	<b>39145</b>	11



**Viega GeoFusion adapter tee**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male nominal thread  
**Model V9018.8**

IPS1	IPS2	MNT	Wt [lb]	Quantity	Part No	DG
1¼	1¼	1	0.450	10	<b>39162</b>	11



**Viega GeoFusion adapter tee**  
 - High density polyethylene (HDPE)  
 - Female pipe thread, male nominal thread, socket fusion  
**Model V9018.5**

FPT	MNT	IPS	Wt [lb]	Quantity	Part No	DG
½	1	1	0.470	10	<b>39150</b>	11



**Viega GeoFusion adapter tee**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male nominal thread, female pipe thread  
**Model V9018.6**

IPS	MNT	FPT	Wt [lb]	Quantity	Part No	DG
¾	1	½	0.390	10	<b>39155</b>	11
1	1	½	0.430	10	<b>39156</b>	11



**Viega GeoFusion adapter tee**  
 - High density polyethylene (HDPE)  
 - Socket fusion, female pipe thread  
**Model V9018.7**

IPS1	IPS2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.390	75	<b>39160</b>	11
1	1	½	0.261	50	<b>39161</b>	11

**Adapters**



**Viega GeoFusion adapter**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male pipe thread  
**Model V9011**

IPS	MPT	Wt [lb]	Quantity	Part No	DG
¾	¾	0.298	25	<b>39001</b>	11
¾	1	0.459	25	<b>39002</b>	11
1	¾	0.310	25	<b>39003</b>	11
1	1	0.520	25	<b>39004</b>	11
1¼	¾	0.431	10	<b>39005</b>	11
1¼	1	0.524	25	<b>39006</b>	11
1¼	1¼	0.780	25	<b>39007</b>	11
1¼	1½	1.010	10	<b>39008</b>	11
1½	1½	1.152	10	<b>39009</b>	11
2	1¼	0.922	5	<b>39010</b>	11
2	1½	1.060	15	<b>39011</b>	11
2	2	1.720	1	<b>39012</b>	11



**Viega GeoFusion adapter**  
 - High density polyethylene (HDPE)  
 - Socket fusion, male nominal thread  
**Model V9015.3**

IPS	MNT	Wt [lb]	Quantity	Part No	DG
¾	1	0.260	20	<b>39040</b>	11
1	1	0.260	20	<b>39041</b>	11
1¼	1¼	0.460	25	<b>39044</b>	11



**Viega GeoFusion adapter**  
 - High density polyethylene (HDPE)  
 - Socket fusion, female pipe thread  
**Model V9015.4**

IPS	FPT	Wt [lb]	Quantity	Part No	DG
¾	¼	0.208	50	<b>39050</b>	11
¾	½	0.165	50	<b>39051</b>	11
1	¼	0.300	50	<b>39052</b>	11
1	½	0.261	20	<b>39053</b>	11
1	¾	0.320	50	<b>39054</b>	11



**Viega GeoFusion swivel adapter**  
 - High density polyethylene (HDPE)  
 - Socket fusion, swivel nut  
**Model V9049**

IPS	Swivel Nut	Wt [lb]	Quantity	Part No	DG
¾	1	0.320	25	<b>39180</b>	11
1	1	0.354	25	<b>39181</b>	11
1¼	1	0.463	25	<b>39182</b>	11



**Viega GeoFusion swivel adapter**  
 - Brass  
 - Male pipe thread, swivel nut  
**Model V9013.1**

MPT	Swivel Nut	Wt [lb]	Quantity	Part No	DG
1	¾	0.306	10	<b>50648</b>	11
1	1	0.385	10	<b>50647</b>	11
1	1¼	0.460	50	<b>48420</b>	11

**Caps**



**Viega GeoFusion cap**  
 - High density polyethylene (HDPE)  
 - Socket fusion  
**Model V9056**

IPS	Wt [lb]	Quantity	Part No	DG
¾	0.051	100	<b>39190</b>	11
1	0.038	100	<b>39191</b>	11
1¼	0.049	100	<b>39192</b>	11
1½	0.157	50	<b>39193</b>	11
2	0.213	25	<b>39194</b>	11

**Couplings**



**Viega GeoFusion coupling**  
 - High density polyethylene (HDPE)  
 - Socket fusion  
**Model V9015**

IPS1	IPS2	Wt [lb]	Quantity	Part No	DG
¾	¾	0.038	100	<b>39020</b>	11
1	¾	0.055	100	<b>39021</b>	11
1	1	0.088	75	<b>39022</b>	11
1¼	¾	0.059	50	<b>39023</b>	11
1¼	1	0.118	50	<b>39024</b>	11
1¼	1¼	0.100	50	<b>39025</b>	11
1½	¾	0.117	25	<b>39027</b>	11
1½	1	0.145	25	<b>39028</b>	11
1½	1¼	0.115	25	<b>39029</b>	11
1½	1½	0.147	25	<b>39030</b>	11
2	1	0.143	25	<b>39031</b>	11
2	1¼	0.170	25	<b>39032</b>	11
2	1½	0.160	25	<b>39033</b>	11
2	2	0.150	25	<b>39034</b>	11

**Manifolds**



**Viega GeoFusion header assembly**  
 - High density polyethylene (HDPE)  
 - Socket fusion, IPS branch socket fusion  
**Model V9040**

IPS	IPS Branch	Wt [lb]	Quantity	Part No	DG
1¼	3¾	0.700	10	<b>39170</b>	11
1¼	4¾	1.017	10	<b>39171</b>	11
1¼	5¾	1.144	25	<b>39172</b>	11
1¼	6¾	1.374	25	<b>39173</b>	11

# Viega Terms and Conditions

The Viega logo consists of the word "viega" in a bold, lowercase, sans-serif font, colored yellow, set against a black rectangular background.

The following standard Terms and Conditions apply to all sales of products by Viega LLC unless otherwise modified in Order Confirmation or Delivery Note. Any contrary terms in purchase orders or purchaser standard terms and conditions are rejected and acceptance of the order by Viega LLC is conditioned upon these terms and conditions or as set out specifically in the Viega order confirmation.

**Terms of Payment:** Terms are net 30 days. Payable in U.S. or Canadian dollars depending on point of delivery.

**Price Changes:** All published prices are subject to change. Viega historically has given reasonable notice (normally 30 days or more) of an effective date for those changes, but reserves the right, under unusual circumstances, to give shorter notice.

**Sales Orders:** Purchase orders submitted to Viega shall specify Viega part numbers as well as product description from a Viega catalog. All such offers to purchase are subject to Viega LLC acceptance, which shall be by order confirmation provided to the customer by Viega. Customer is responsible for reviewing the order confirmation and reporting any necessary changes to Viega Customer Service immediately. Mistakes on orders due to inaccurate or incomplete information from the customer and not changed by the customer will be the customer's responsibility and/or subject to Viega's return policy.

**Terms of Shipment:** Viega prepays freight on all shipments. Customer is not billed for freight on orders of \$2,500 net or greater. Excess freight charges resulting from special requested routing or

specifying non-Viega designated common carriers will be billed to the customer. Stainless pipe is prepaid at \$5,000 net and above and can not be combined with other Viega materials to qualify. Stainless fittings may be combined with other Viega products to meet freight requirements and are prepaid at \$2,500 net.

**Restrictions:** Orders from U.S. customers with a "Ship to" Canada location will not be accepted and U.S. customers are not authorized to sell product to Canada.

**Freight Delivery and Risk of Loss in Transit:** All prices are FOB shipment point.

**Returns:** All returns are subject to Viega's return policy. No material may be returned without our written permission and return material authorization (RMA) number. Any items with a purchase date older than one year will not be allowed for return. We will accept cataloged and resalable items only. No returns will be allowed for broken bags or bundles, items outside of original packaging, discontinued, damaged, or non-cataloged merchandise. Any material which is authorized to be returned will be subject to a minimum fifteen percent (15%) restocking fee. For more information on returns and the complete return policy go to [www.viega.us](http://www.viega.us).

**These standard terms and conditions are those in effect on the date of publication of this catalog. Viega reserves the right to change these terms and conditions by posting such changes on [www.viega.us](http://www.viega.us).**



## Viega LLC

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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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