

ProRadiant



ProRadiant

viega

Viega ProRadiant

Viega ProRadiant systems offer versatility and can be installed in new construction and existing homes, over wood or concrete, interior or exterior. Beside various floor heating systems, Viega offers a full line of controls, manifolds and mixing stations engineered to function with all ProRadiant products.

FEATURES AND BENEFITS

- Faster and easier than traditional radiant installation
- Typically reduces energy costs from 10 to 30 percent
- 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

- NSF pw: Potable water listing to ANSI/NSF 14 and 61 (performance and health effects)
- CSA International: Canadian Standard Association
- B137.5: Standard Specification for PEX tubing systems in pressure applications
- ASTM F876: Standard Specification for PEX Tubing
- ASTM F877: Standard Specification for PEX Water Distribution System

ABBREVIATIONS

- BA – ProBloc Outlet Connection
- BSP – British Standard Pipe
- CTS – Copper Tube Size
- FNPT – Female National Pipe Thread
- FTG – Male Copper
- MNPT – Male National Pipe Thread
- P – ProPress Connection
- SMA – Stainless Manifold Connection
- SVC – Standard Viega Connection
- NPT – National Pipe Thread
- MNT – Male Nominal Thread
- FNT – Female Nominal Thread
- IPS – Iron Pipe Size
- STUB – Connection end that is the same size as pipe OD, similar to a street fitting
- FEM – Hub end, it will accept the male end of a pipe or fitting
- SWIVEL – Fitting connection that attaches with a nut that has an integral flat gasket to make the seal

SMART CONNECT feature

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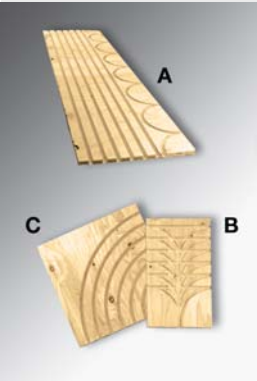
ViegaPEX Barrier/FostaPEX

Flexible PEX tubing for
radiant heating and cooling



	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
Tubing for ProRadiant Systems					
 ViegaPEX Barrier - Coil Black w/ red stripe Oxygen diffusion barrier with protective outer layer ASTM F876/F877, NSF 61 PEX 1005 DISCOUNT 4 <u>model 2802US</u>		in x ft			
	11400	5/16 x 250	1	9.00	
	11405	5/16 x 1000	1	34.00	
	11410	5/16 x 4000	1	136.00	
	11415	3/8 x 300	1	12.90	
	11425	1/2 x 300	1	17.10	
	11430	1/2 x 400	1	23.20	
	11427	1/2 x 500	1	29.00	
	11436	1/2 x 1000	1	58.00	
	11435	1/2 x 1200	1	68.40	
	11440	1/2 x 2000	1	112.00	
	11445	5/8 x 500	1	40.00	
	11450	5/8 x 1500	1	118.50	
	11455	3/4 x 150	1	16.05	
	11457	3/4 x 300	1	32.40	
	11458	3/4 x 500	1	56.50	
	11460	3/4 x 800	1	86.40	
	11462	3/4 x 1000	1	108.00	
	11465	1 x 150	1	27.00	
	11470	1 x 500	1	88.00	
	11475	1 1/4 x 100	1	7.90	
	11480	1 1/2 x 100	1	1,097.00	
	11485	2 x 100	1	18.30	
 ViegaPEX Barrier - Straight Length Black w/ red stripe Oxygen diffusion barrier with protective outer layer ASTM F876/F877, NSF 61 PEX 1005 DISCOUNT 4 <u>model 2803US</u>		in x ft			
	11500	3/4 x 20	25	0.64	
	11505	1 x 20	5	1.06	
	11510	1 1/4 x 20	5	1.56	
	11515	1 1/2 x 20	5	2.16	
	11520	2 x 20	5	73.14	
FostaPEX Tubing					
 FostaPEX - Coil Silver Form Stable For use with Viega PEX Press fittings only ASTM F876/F877 PEX 5006 (CL5) Extended UV resistance Zero Lead DISCOUNT 6 <u>model 2805US</u>		in x ft			
	35020	1/2 x 150	1	15.00	
	35019	1/2 x 300	1	30.00	
	35021	1/2 x 400	1	38.00	
	35030	5/8 x 150	1	21.00	
	35040	3/4 x 150	1	24.00	
	35031	5/8 x 400	1	56.00	
	35060	1 x 150	1	39.00	
 FostaPEX - Straight Length Silver Form Stable For use with Viega PEX Press fittings only ASTM F876/F877 PEX 5006 (CL5) Extended UV resistance Zero Lead DISCOUNT 6 <u>model 2806US</u>		in x ft			
	35520	1/2 x 20	25	2.00	
	35530	5/8 x 20	25	3.00	
	35540	3/4 x 20	25	3.20	
	35560	1 x 20	10	5.20	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 FostaPEX - Coil Red Form Stable For use with Viega PEX Press fittings only ASTM F876/F877 PEX 5006 (CL5) Extended UV resistance Zero Lead DISCOUNT 6 <u>model 2808US</u>		in x ft			
	35120	1/2 x 150	1	15.00	
	35140	3/4 x 150	1	24.00	
	35160	1 x 150	1	39.00	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
Systems					
 Climate Panel 48" L 1/2" CDX plywood Accepts 5/16" ViegaPEX Barrier Aluminum backing DISCOUNT 4 <u>model 2810US</u>	14021	Spacing (in) 7	10	2.845	
	14022	10	10	3.999	
 Assembled Climate Panels 48" L 1/2" CDX plywood Accept 5/16" ViegaPEX Barrier Aluminum backing (6) hinged panels DISCOUNT 4 <u>model 2810.2US</u>	14025	Spacing (in) 7	1	16.995	
	14026	10	1	23.993	
 U-Turn Strip 7" x 48" 1/2" CDX plywood Accepts 5/16" ViegaPEX Barrier Aluminum backing DISCOUNT 4 <u>model 2810.1US</u>	14035	Spacing (in) 7	10	2.866	
	14036	10	10	2.799	
 Multi-Run Climate Panel System A. Multi-Run Climate Panel 48" x 12" B. Multi-Run Access Piece 7" x 12" C. Multi-Run Ninety 12" x 12" 1/2" CDX plywood Accepts 5/16" ViegaPEX Barrier Allows multiple supply and return lines					
	A. Multi-Run Climate Panel - 7" Spacing <u>model 2810.7US</u>	14050		5	3.999
	B. Multi-Run Access Piece	14055		6	0.50
	C. Multi-Run Ninety	14060		5	1.00
	Multi-Run Climate Panel Set (include A & B) DISCOUNT 4	14065		1	22.993

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Plastic Elbow Sleeve for Climate Panel Penetration Sleeve for 5/16" ViegaPEX Barrier	15104		2	0.023	
	DISCOUNT 4 <u>model 2810.8US</u>					
	Groove Tube 10.3 oz Heat transfer paste and adhesive Use with Climate Panel and Heat Transfer Plate	14005		24	0.801	
	DISCOUNT 6 <u>model 2810.9US</u>					
	Rapid Grid High impact polystyrene Grid fastening system Package of 8 panels Covers 64 sq ft Use with 3/8", 1/2", 5/8" ViegaPEX Barrier or 1/2" Viega FostaPEX	15216	in x in 24 x 48	8	2.939	
	DISCOUNT 4 <u>model 2857.2US</u>					
	Snap Panel High density polystyrene grid fastener system Package of 18 covers 240 sq ft Use with 1/2" ViegaPEX Barrier	15211	ft x ft x in 3 x 5 x 1	18	3.419	
	DISCOUNT 4 <u>model 2870.5US</u>					
	Snap Panel Buttons Use to secure Snap Panel to rigid board insulation	15213		25	0.004	
	DISCOUNT 4 <u>model 2875.1US</u>					

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Climate Trak 3.5" W Extruded heavy gauge aluminum Snap-in design for 3/8" or 1/2" ViegaPEX Barrier Pre-drilled holes DISCOUNT 4 <u>model 2857.1US</u>		PEX x Trak Length (ft)			
	15209	3/8 x 4	20	1.163	
	15207	3/8 x 8	20	2.191	
	15210	1/2 x 4	20	1.285	
	15208	1/2 x 8	20	2.399	
 Heat Transfer Plates Aluminum 5" W x 19" L Use with Groove Tube DISCOUNT 6 <u>model 2857US</u>		PEX x Plate Length (in)			
	15205	3/8 x 19	100	0.17	
	15206	1/2 x 19	100	0.18	
 Clip DISCOUNT 4 <u>model 2871.6US</u>		in			
	15112	5/16	100	0.012	
 Climate Mat 6 ft wide DISCOUNT 4 <u>model 2809.1US</u>		Tubing Sz - O.C., Loop / Circuit			
	18150	1/2 - 6, 6 / 6	1	0.002	
	18151	1/2 - 9, 4 / 4	1	0.002	
	18154	1/2 - 6, 6 / 3	1	0.002	
	18155	1/2 - 6, 6 / 2	1	0.002	
	18156	1/2 - 9, 4 / 2	1	0.002	
	18157	5/8 - 9, 4 / 2	1	0.002	
	18160	5/8 - 9, 4 / 4		0.002	
 Climate Mat 5 ft wide DISCOUNT 4 <u>model 2809.2US</u>		Tubing Sz - O.C., Loop / Circuit			
	18158	1/2 - 9, 3 / 3	1		

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Climate Mat Clip DISCOUNT 4 <u>model 2809.3US</u>		in			
	18165	1/2	50	0.005	
	18166	5/8	50	0.005	

Climate Mat

Viega ProRadiant Heating and Cooling System
For Light and Medium Commercial Buildings



Stock Code	Description	Dimension	Climate Mat Length (ft)	Leader Length (ft)
18150	Climate Mat, 6 ft	1/2" ViegaPEX Barrier, 6" O.C., 6 Loops / 6 Circuits	72-168	10, 20, 30
18154	Climate Mat, 6 ft	1/2" ViegaPEX Barrier, 6" O.C., 6 Loops / 3 Circuits	40-72	10, 20, 30
18155	Climate Mat, 6 ft	1/2" ViegaPEX Barrier, 6" O.C., 6 Loops / 2 Circuits	12-40	10, 20, 30
18151	Climate Mat, 6 ft	1/2" ViegaPEX Barrier, 9" O.C., 4 Loops / 4 Circuits	72-168	10, 20, 30
18156	Climate Mat, 6 ft	1/2" ViegaPEX Barrier, 9" O.C., 4 Loops / 2 Circuits	40-72	10, 20, 30
18158	Climate Mat, 5 ft	1/2" ViegaPEX Barrier, 9" O.C., 3 Loops / 3 Circuits	72-168	10, 20, 30
18160	Climate Mat, 6 ft	5/8" ViegaPEX Barrier, 9" O.C., 4 Loops / 4 Circuits	92-220	10, 20, 30
18157	Climate Mat, 6 ft	5/8" ViegaPEX Barrier, 9" O.C., 4 Loops / 2 Circuits	40-92	10, 20, 30

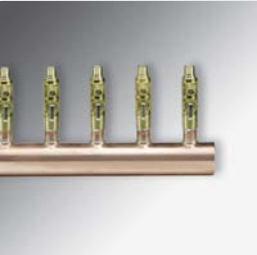
Climate Mat is a pre-engineered made-to-order hydronic system delivered in a cylindrical roll for commercial heating and cooling systems. For more information about Climate Mat and the ProRadiant system of products call 1-800-976-9819.

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
Manifolds and Accessories					
	Stainless Manifold - Shutoff / Balancing / Flow Meters 1-1/4" Diameter Stainless Steel with flow meters and balancing valves 1-1/4" Union connection 1" NPT end caps Preassembled including brackets, air bleeders and purge valves DISCOUNT 4 <u>model 2804</u>				
	15900	2	1	5.373	
	15901	3	1	5.898	
	15902	4	1	6.863	
	15903	5	1	8.068	
	15904	6	1	9.927	
	15905	7	1	10.022	
	15906	8	1	11.13	
	15907	9	1	12.292	
	15908	10	1	13.026	
	15909	11	1	14.021	
	15910	12	1	15.153	
	Stainless Manifold - Shutoff / Balancing 1-1/4" Diameter Stainless Steel with flow meters and balancing valves 1-1/4" Union connection 1" NPT end caps Preassembled including brackets, air bleeders and purge valves DISCOUNT 4 <u>model 2879</u>				
	15700	2	1	4.541	
	15701	3	1	5.443	
	15702	4	1	6.34	
	15703	5	1	7.215	
	15704	6	1	8.138	
	15705	7	1	8.981	
	15706	8	1	9.828	
	15707	9	1	10.832	
	15708	10	1	11.516	
	15709	11	1	12.646	
	15710	12	1	13.526	
	Stainless Manifold - Valveless 1-1/4" Diameter Stainless Steel 1-1/4" Union connection 1" NPT end caps Preassembled including brackets, air bleeders and purge valves DISCOUNT 4 <u>model 2878</u>				
	16500	2	1	2.339	
	16501	3	1	3.224	
	16502	4	1	3.724	
	16503	5	1	4.209	
	16504	6	1	4.719	
	16505	7	1	5.249	
	16506	8	1	5.738	
	16507	9	1	6.248	
	16508	10	1	6.753	
	16509	11	1	7.243	
	16510	12	1	7.718	
	Stainless Manifold Ball Valve Set Nickel-plated brass isolation valves Includes: (1) red and (1) blue DISCOUNT 4 <u>model 2877.2</u>				
	15056	1 1/4 x 1	1	1.74	
	Stainless Manifold Expansion Set - Shutoff / Balancing / Flow Meter 1-1/4" Diameter Stainless steel with flow meter and balancing valve 1-1/4" M NPT x 1" M NPT adapters DISCOUNT 4 <u>model 2877.5</u>				
	15059		1	2.439	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Stainless Manifold Expansion Set - Shut-Off / Balancing 1-1/4" Diameter Stainless steel with balancing valve 1-1/4" MNPT x 1" MNPT adapters DISCOUNT 4 <u>model 2877.4</u>	15058		1	2.324	
 Expansion Nipple Nickel-plated brass Used to connect Stainless Manifolds DISCOUNT 4 <u>model 2878.922</u>	15186	M NPT x M NPT 1 1/4 x 1	2	0.63	
 Stainless Manifold Outlet Caps Stainless steel with sealing element DISCOUNT 4 <u>model 2856.7</u>	15054	SVC	2	0.033	
 Reducers Bronze Used to connect Stainless Manifold to Mixing Station DISCOUNT 4 <u>model 1003.5SV</u>	15044	M NPT x F NPT 1 1/4 x 1	2	0.364	
 Stainless Manifold End Plugs Stainless steel w/ sealing element DISCOUNT 4 <u>model 2856.6</u>	15053	M NPT 1	2	0.149	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each		
	Automatic Air Vent Mount on supply manifold as an alternative to air bleeder DISCOUNT 4 <u>model 2877.1</u>	in	1	0.408		
		1/2				
	Circuit Temperature Gauge Set Snaps on individual return circuit DISCOUNT 4 <u>model 2877.6</u>		1	0.115		
	System Pressurization Kit Use for pressure testing Viega Mixing Station or Stainless Manifolds Kit Includes: 2 - 1-1/4" M NPT x 1" F NPT reducers 2 - 1" NPT plugs for testing remote manifolds 1 - Pressure gauge DISCOUNT 4 <u>model 2873.5US</u>		1	1.969		
	SVC Circuit Ball Valve Allows individual circuit shutoff DISCOUNT 4 <u>model 1024SV</u>	15031	SVC	1	0.30	
	SVC Press Adapter Bronze Allows Viega PEX Press connections with SVC manifold outlets DISCOUNT 4 <u>model 2819NG</u>	PEX Press x SVC				
		89407	5/16	5	0.137	
		89408	3/8	5	0.137	
		89409	1/2	5	0.145	
		89413	5/8	5	0.161	
		89410	3/4	5	0.156	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 SVC Compression PEX Adapter Bronze Allows compression PEX connections with SVC manifold outlets DISCOUNT 4 <u>model 1022.SV</u>		in			
	19007	5/16	2	0.216	
	19008	3/8	2	0.204	
	19009	1/2	2	0.20	
	19010	5/8	2	0.196	
	19011	3/4	2	0.361	
 SVC Compression Copper Adapter Allows compression copper connections with SVC manifold outlets without soldering Use with type K, L or M copper tube only DISCOUNT 4 <u>model 9438.5SV</u>		in			
	19305	1/2	10	0.086	
	19306	3/4	10	0.32	
 SVC Male NPT Adapter Bronze Use to adapt SVC adapters to M NPT DISCOUNT 4 <u>model 1022.6SV</u>		in			
	19109	1/2	5	0.14	
	19110	3/4	5	0.165	
 SVC Coupling Bronze DISCOUNT 4 <u>model 1022.7SV</u>	19012	SVC x SVC	10	0.154	
 Strap-On Temperature Gauge Set 2-1/2" Diameter Gauge, mounting spring, heat transfer paste Can be soldered DISCOUNT 4 <u>model 2810.3US</u>	15055		1	0.30	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Manifold - Shutoff / Balancing Type L copper with brass valves 1-1/2" Diameter up to 32 gpm 2" Diameter up to 45 gpm Viega PEX Press valve connection DISCOUNT 4 <u>model 2834.4US</u>		Header x Circuit Connection - Outlets			
	17123	1 1/2 x 5/8 - 12	1	13.306	
	17124	1 1/2 x 3/4 - 12	1	13.186	
	17104	2 x 5/8 - 12	1	15.186	
	17105	2 x 3/4 - 12	1	15.066	
 Manifold - Shutoff Valves Type L copper with brass valves 1-1/2" Diameter up to 32 gpm 2" Diameter up to 45 gpm Viega PEX Press valve connection DISCOUNT 6 <u>model 2834US</u>		Header x Circuit Connection - Outlets			
	17121	1 1/2 x 5/8 - 12	1	9.467	
	17122	1 1/2 x 3/4 - 12	1	10.242	
	17102	2 x 5/8 - 12	1	11.347	
	17103	2 x 3/4 - 12	1	11.227	
 Manifold - Valveless Type L copper 1" Diameter up to 13 gpm 1-1/2" Diameter up to 32 gpm 2" Diameter up to 45 gpm 1" manifold is copper male or female for solder connection DISCOUNT 4 <u>model 2835US</u>		Header x Circuit Connection - Outlets			
	17140	1 x 1/2 - 2	2	0.37	
	17141	1 x 1/2 - 3	2	0.50	
	17142	1 x 1/2 - 4	2	0.62	
	17143	1 x 1/2 - 12	2	1.64	
	17120	1 1/2 x 3/4 - 18	2	6.388	
	17100	2 x 3/4 - 18	2	9.067	
 Viega PEX Press Sleeve Stainless Steel For use with Viega PEX Press fittings and tools only DISCOUNT 6 <u>model 2811.5</u>		Press			
	61000	3/8	100	0.006	
	61020	1/2	100	0.007	
	61030	5/8	100	0.008	
	61040	3/4	100	0.01	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Shutoff Valve - PEX Press Brass Sleeve NOT included DISCOUNT 4 <u>model 2834.1US</u>		Copper x Press			
	17160	1/2 x 1/2	10	0.26	
	17161	3/4 x 5/8	10	0.43	
	17162	3/4 x 3/4	10	0.42	
 Shutoff / Balancing Valve - PEX Press Brass Sleeve NOT included DISCOUNT 4 <u>model 2834.2US</u>		Copper x Press			
	17163	1/2 x 1/2	10	0.52	
	17164	3/4 x 5/8	10	0.75	
	17165	3/4 x 3/4	10	0.74	
 Shutoff Valve - Compression Brass Sleeve NOT included DISCOUNT 4 <u>model 2834.3US</u>		Copper x PEX Compression			
	17166	1/2 x 1/2	10	0.39	
	17167	3/4 x 5/8	10	0.65	
 Copper Manifold End Cap Type L copper 1/2" F NPT for draw-off (purge valve) 1/8" F NPT for automatic air vent (bottle vent) DISCOUNT 4 <u>model 2834.5US</u>		in			
	17144	1	1	0.40	
	17125	1 1/2	1	0.61	
	17106	2	1	0.965	
 Copper Manifold Brackets Copper Manifold support bracket DISCOUNT 4 <u>model 2878.927</u>		in			
	17145	1	2	0.348	
	17126	1 1/2	1	0.002	
	17107	2	1	0.002	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Manifold Cabinet DISCOUNT 4 <u>model 2879.6US</u>		in x in x in			
	15800	21 x 30 x 4 1/2	1	26.362	
	15801	27 x 30 x 4 1/2	1	32.211	
	15802	45 x 30 x 4 1/2	1	45.312	
 Manifold Cabinet Lock Assembly Use with 15800, 15801 and 15802 15802 requires 2 locks DISCOUNT 4 <u>model 28577US</u>	15217		1	0.148	

ProRadiant

Assembled Mixing Station order configuration specification examples

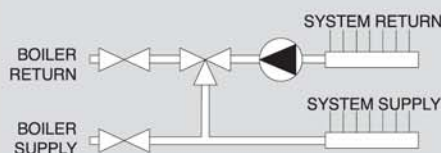
ASSEMBLED MIXING STATIONS WITH STAINLESS MANIFOLD SHUT-OFF / BALANCING / FLOW METERS

The Viega Assembled Mixing Station is shipped ready to hang on the wall. The Stainless Manifold Shut-Off / Balancing / Flow meters is available with compression (COM), press (PRS) or copper compression (COP) adapters. Boiler or primary loop connections can be made with ProPress (PPS), PEX Press (PRS) or copper (male) (COP). Station comes preassembled and factory tested. Boiler feed, tubing direction, tubing size and circuit connection must be specified - see ordering example below.

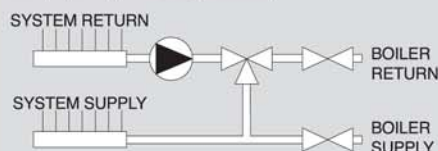


CONFIGURATIONS

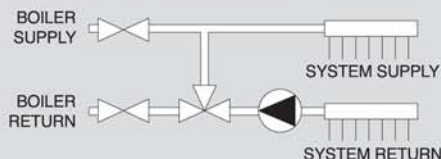
TL (Top Left Configuration))



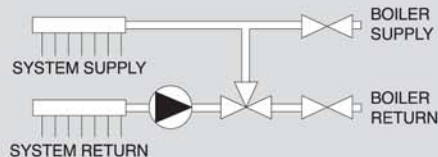
TR (Top Right Configuration)



BL (Bottom Left Configuration)



BR (Bottom Right Configuration)



When ordering, specify:

STOCK — CONFIGURATIONS — TUBING — CIRCUIT — BOILER
CODE — SIZE — CONNECTION ADAPTER

Example:

15940-BR-1/2-PRS-PPS

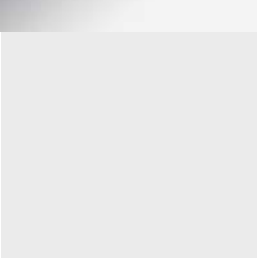
Stock code

Bottom tubing, 1/2" tubing
Right boiler feed
(Configuration)

Press Circuit
Connection

Boiler
Adapter

Circulator	Low Head 3-Speed		High Head 3-Speed	
	Outlets	Stock Code	Stock Code	
Mixing Station	2 outlets	15940	15980	
Mixing Station	3 outlets	15941	15981	
Mixing Station	4 outlets	15942	15982	
Mixing Station	5 outlets	15943	15983	
Mixing Station	6 outlets	15944	15984	
Mixing Station	7 outlets	15945	15985	
Mixing Station	8 outlets	15946	15986	
Mixing Station	9 outlets	15947	15987	
Mixing Station	10 outlets	15948	15988	
Mixing Station	11 outlets	15949	15989	
Mixing Station	12 outlets	15950	15990	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Mixing				
	Enhanced Mixing Station Used for supply temperature modulation Permanent magnet motor design reduces power consumption by 50% Color-coded isolation ball valves Mounting Brackets Supply Temperature Sensor Well 7 settings 3 boiler connection types				
	12152	ProPress	1	21.994	
	12153	PEX Press	1	21.994	
	12151	Copper (male)	1	23.183	
DISCOUNT 4 model V1203.0					
	Base Mixing Stations Use for supply water temperature modulation Color-coded isolation ball valves Mounting brackets Supply temperature sensor well Select from (2) 3-speed circulators Select from (3) boiler connection types				
	High Head model 2801.0US				
	12121	ProPress	1	27.142	
	12123	PEX Press	1	27.422	
	12125	Copper (male)	1	26.092	
	Low Head DISCOUNT 4				
	12120	ProPress	1	23.993	
	12122	PEX Press	1	24.273	
	12124	Copper (male)	1	24.983	
	Assembled Mixing Stations with Stainless Manifold - Shutoff / Balancing Valves / Flow Meters Use for supply water temperature modulation Stainless Manifold with shutoff / balancing / flowmeters preassembled and factory tested Select from (2) 3-speed circulators Select from (3) boiler connection types Made to order *Lead time approximately 10 working days				
	outlets				
	15940	2	1	32.796	
	15941	3	1	33.32	
Low Head Pump model 2804.2US	15942	4	1	34.285	
	15943	5	1	35.49	
	15944	6	1	37.444	
	15945	7	1	0.002	
High Head Pump DISCOUNT 4	15946	8	1	38.552	
	15947	9	1	39.714	
	15948	10	1	40.448	
	15949	11	1	41.443	
	15950	12	1	42.575	
Low Head Pump model 2804.2US	15940	2	1	32.796	
	15941	3	1	33.32	
	15942	4	1	34.285	
	15943	5	1	35.49	
High Head Pump DISCOUNT 4	15944	6	1	37.444	
	15945	7	1	0.002	
	15946	8	1	38.552	
	15947	9	1	39.714	
High Head Pump DISCOUNT 4	15948	10	1	40.448	
	15949	11	1	41.443	
	15950	12	1	42.575	
Low Head Pump model 2804.2US	15980	2	1	29.646	
	15981	3	1	30.171	
	15982	4	1	31.136	
	15983	5	1	32.34	
High Head Pump DISCOUNT 4	15984	6	1	34.20	
	15985	7	1	34.295	
	15986	8	1	35.403	
	15987	9	1	36.565	
High Head Pump DISCOUNT 4	15988	10	1	37.299	
	15989	11	1	38.294	
	15990	12	1	39.425	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Assembled Mixing Station with Stainless Manifold - Shutoff / Balancing Valves Use for supply water temperature modulation Stainless Manifold with shutoff / balancing valves preassembled and factory tested Select from (2) 3-speed circulators Select from (3) boiler connection types Made to order. *Lead time approximately 10 working days. Low Head Pump <u>model 2879.2US</u> High Head Pump DISCOUNT 4		outlets			
	15740	2	1	31.964	
	15741	3	1	32.866	
	15742	4	1	33.762	
	15743	5	1	34.637	
	15744	6	1	35.56	
	15745	7	1	36.403	
	15746	8	1	37.25	
	15747	9	1	38.254	
	15748	10	1	38.938	
	15749	11	1	40.069	
	15750	12	1	40.948	
	15780	2	1	28.814	
	15781	3	1	29.716	
	15782	4	1	30.612	
	15783	5	1	31.488	
	15784	6	1	32.41	
	15785	7	1	33.254	
	15786	8	1	34.10	
	15787	9	1	35.105	
	15788	10	1	35.789	
	15789	11	1	36.919	
	15790	12	1	37.799	
 ProBloc Pumping and mixing station Compact insulated enclosure Pressure differential valve 3-speed circulator with check-valve Shutoff valves Built-in temperature gauges DISCOUNT 4 <u>model 2881</u>	12600	Low Head 3-Speed Circulator	1	15.849	
	12605	High Head 3-Speed Circulator	1	19.025	
 Stainless Manifold Connection Set Use to connect ProBloc to Stainless Manifold DISCOUNT 4 <u>model 2881.6</u>	12860	BA x SMA 1 1/2 x 1 1/4	1	4.959	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	ProPress Tailpiece Bronze Smart Connect feature * Available while supplies last DISCOUNT 4 model 2957 ProBloc uses the 1" x 1-1/2" Tailpiece <u>ONLY</u>	12800	P x Female Union BSP 1 x 1 1/2	2	0.423	
	ProBloc Adapter - Viega PEX Press Use to make inlet or outlet connection to ProBloc DISCOUNT 4 model 2881.2NG	82825	BA x Press 1 1/2 x 1	2	0.445	
		82820	1 1/2 x 1 1/4	2	0.531	
	ProBloc Adapter - Threaded Use to make inlet or outlet connection to ProBloc DISCOUNT 4 model 2881.3	12845	BA x F NPT 1 1/2 x 1	2	0.574	
		12840	1 1/2 x 1 1/4	2	0.698	
	ProBloc Primary Loop Double Tee Type L copper Tee spacing matches that of ProBloc connections DISCOUNT 4 model 2881.4	12852	P x P x P 1 x 1 x 1	1	1.03	
		12850	1 1/4 x 1 1/4 x 1	1	1.31	
	Four Way Mixing Valve Regulate supply and return fluid temperatures Manual or automatic control DISCOUNT 4 model 2876.1US	20070	3/4	1	1.70	
		20071	1	1	2.399	
		20072	1 1/4	1	2.599	
		20073	1 1/2	1	6.598	
		20074	2	1	11.247	
		20075	3/4	1	1.999	
		20076	1	1	2.999	
		20078	1 1/4	1	2.999	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Three Way Mixing Valve Regulate supply fluid temperature to the system from the source Manual or automatic control DISCOUNT 4 <u>model 2876.3US</u>	20080	3/4	1	1.50	
		20081	1	1	1.799	
		20082	1 1/4	1	2.499	
		20083	1 1/2	1	5.698	
		20084	2	1	9.297	
	Mixing Valve Actuator 24 VAC Modulating actuator for Viega's Mixing Valves DISCOUNT 4 <u>model 2870.7US</u>	20042	3/4 - 2	1	1.20	
	Thermostatic Mixing Valve Automatically maintain constant supply fluid temperature DISCOUNT 4 <u>model V5336</u>	20045	NPT	1	2.599	
		20046	3/4	1	2.799	
	ProPress Tailpiece Zero Lead Bronze Smart Connect feature Zero Lead DISCOUNT 8 <u>model 2957ZL</u>		P x Female Union BSP			
		79800	1/2 x 1	1	0.218	
		79805	3/4 x 1	1	0.23	
		79810	1 x 1	1	0.309	
	ProPress Tailpiece Bronze Smart Connect feature * Available while supplies last DISCOUNT 8 <u>model 2957</u> ProBloc uses the 1" x 1-1/2" Tailpiece <u>ONLY</u>		P x Female Union BSP			
		77753	1/2 x 1	1	0.217	
		77758	3/4 x 1	1	0.26	
		77763	1 x 1	1	0.304	

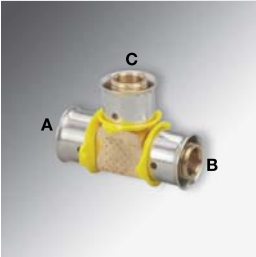
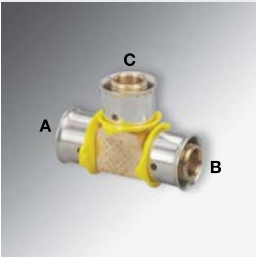
	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Diverting Valve				
	Three-way diverting valve				
	Solder tailpieces				
	DISCOUNT 4 <u>model 2873.1US</u>				
		Copper (Female)			
	20001	3/4	1	2.199	
	20002	1	1	2.999	
	20003	1 1/4	1	6.098	
	20041	1 1/2	1	6.098	
	Three Position Actuator				
	24 VAC				
	Floating actuator for diverting valve control				
	Compatible with Basic Heating Control				
	DISCOUNT 4 <u>model 2872.7US</u>				
	18003		1	0.456	
	Proportional Actuator (0-10V)				
	0-10VDC				
	Modulating actuator for diverting valve control				
	from direct digital control (DDC) system				
	DISCOUNT 4 <u>model 2874.4US</u>				
	18025		1	0.243	
	Non-Electric Controls				
	Modulating valve control provides fixed supply				
	water temperature				
	Use with Diverting Valve or Mixing Station				
	DISCOUNT 4 <u>model 2872.8US</u>				
	16102	68 °F-122 °F	1	0.80	
	16115	86 °F-140 °F	1	0.80	
	16104	104 °F-158 °F	1	0.80	
	16105	122 °F-176 °F	1	3.887	
	Non-Electric Outdoor Reset Control				
	Modulating valve control for Mixing Station or				
	Diverting Valve				
	Modulate system water temperature based on				
	outdoor temperature				
	Capillary length totals 32 feet				
	DISCOUNT 4 <u>model 2873.0US</u>				
	16101		1	1.30	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
PEX Press Fittings					
 Viega PEX Press Coupling Bronze * Available while supplies last DISCOUNT 6 <u>model 2815NG</u>	Press x Press				
	83001	5/16	5	0.032	
	83000	3/8	5	0.042	
	83020	1/2	5	0.055	
	83050	1/2 x 3/4	5	0.072	
	83030	5/8	5	0.067	
	83040	3/4	5	0.077	
	83055	3/4 x 1	5	0.119	
	83071	3/4 x 1 1/4	5	0.197	
	83072	3/4 x 1 1/2	5	0.246	
	83060	1	5	0.137	
	83065	1 x 1 1/4	5	0.216	
	83073	1 x 1 1/2	5	0.264	
	83070	1 1/4	5	0.281	
	83075	1 1/4 x 1 1/2	5	0.331	
	83080	1 1/2	5	0.345	
 Viega PEX Press Coupling Zero Lead Bronze Zero Lead DISCOUNT 6 <u>model 2815ZL</u>	Press x Press				
	93090	2	5	0.58	
	93091	2 x 1 1/2	5	0.491	
 Repair Coupling Tape For PEX Press fittings in a slab DISCOUNT 4 <u>model 2890.4US</u>	in x ft				
	15320	1 x 10	1	0.131	
 Viega PEX Press Elbow Bronze * Available while supplies last DISCOUNT 6 <u>model 2816NG</u>	Press x Press				
	83520	1/2	5	0.093	
	83530	5/8	5	0.161	
	83540	3/4	5	0.161	
	83560	1	5	0.238	
	83570	1 1/4	5	0.591	
	83580	1 1/2	5	0.851	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Viega PEX Press Elbow Zero Lead Bronze Zero Lead DISCOUNT 6 <u>model 2816ZL</u>	93590	Press x Press			
			2	1	1.549	
	Viega PEX Press Elbow - Male Bronze * Available while supplies last DISCOUNT 6 <u>model 2814NG</u>		Press x M NPT			
			82520 1/2 x 1/2 82525 1/2 x 3/4 82540 3/4 x 3/4 82545 3/4 x 1 82565 3/4 x 1 1/4 82560 1 x 1 82570 1 x 1 1/4 82575 1 1/4 x 1 1/4	5 5 5 5 2 5 2 2	0.22 0.339 0.331 0.818 1.254 0.811 1.252 1.299	
	Viega PEX Press Adapter - Male Bronze * Available while supplies last DISCOUNT 6 <u>model 2811NG</u>		Press x M NPT			
			80506 3/8 x 1/2 80521 1/2 x 1/2 80526 1/2 x 3/4 80527 5/8 x 1/2 80531 5/8 x 3/4 80542 3/4 x 1/2 80541 3/4 x 3/4 80546 3/4 x 1 80562 3/4 x 1 1/4 80556 1 x 3/4 80561 1 x 1 80566 1 x 1 1/4 80571 1 1/4 x 1 1/4 80581 1 1/2 x 1 1/2	5 5 5 5 5 5 5 5 2 5 5 2 2 2	0.13 0.117 0.176 0.119 0.184 0.11 0.168 0.324 0.536 0.209 0.344 0.555 0.595 0.716	
	Viega PEX Press Adapter - Male Zero Lead Bronze Zero Lead DISCOUNT 6 <u>model 2811ZL</u>	90591	Press x M NPT			
			2 x 2	5	1.095	
	Viega PEX Press Adapter - Female Bronze * Available while supplies last DISCOUNT 6 <u>model 2812NG</u>		Press x F NPT			
			81520 1/2 x 1/2 81525 1/2 x 3/4 81541 3/4 x 1/2 81540 3/4 x 3/4 81545 1 x 3/4 81560 1 x 1	5 5 1 5 5 5	0.106 0.142 0.128 0.148 0.172 0.253	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Viega PEX Press Adapter - ProPress Bronze Smart Connect feature * Available while supplies last DISCOUNT 6 <u>model 2813PNG</u>		Press x P			
	69620	1/2 x 1/2	5	0.079	
	69626	1/2 x 3/4	5	0.13	
	69627	5/8 x 1/2	5	0.08	
	69628	5/8 x 3/4	5	0.134	
	69630	3/4 x 1/2	5	0.081	
	69640	3/4 x 3/4	5	0.126	
	69660	1 x 1	5	0.202	
	69670	1 1/4 x 1 1/4	5	0.303	
	69680	1 1/2 x 1 1/2	5	0.515	
 Viega PEX Press Adapter - ProPress Zero Lead Bronze Smart Connect feature Zero Lead DISCOUNT 6 <u>model 2813PZL</u>	99690	Press x P 2 x 2	5	0.719	
 Viega PEX Press Adapter - Copper Tubing Bronze * Available while supplies last DISCOUNT 6 <u>model 2813.5NG</u>		Press x Copper (female)			
	82006	3/8 x 1/2	5	0.064	
	82021	1/2 x 1/2	5	0.068	
	82026	1/2 x 3/4	5	0.104	
	82027	5/8 x 1/2	5	0.072	
	82031	5/8 x 3/4	5	0.117	
	82036	3/4 x 1/2	5	0.071	
	82041	3/4 x 3/4	5	0.12	
	82045	3/4 x 1	5	0.179	
	82060	1 x 1	5	0.196	
	82070	1 1/4 x 1 1/4	5	0.353	
	82080	1 1/2 x 1 1/2	5	0.488	
 Viega PEX Press Adapter - Copper Tubing Zero Lead Bronze Zero Lead DISCOUNT 6 <u>model 2813.5ZL</u>	92090	Press x Copper (female) 2 x 2	5	0.609	
 Viega PEX Press Adapter - Copper Fitting Bronze * Available while supplies last DISCOUNT 6 <u>model 2813.1NG</u>		Press x Copper (male)			
	87520	1/2 x 1/2	5	0.075	
	87525	1/2 x 3/4	5	0.119	
	87530	5/8 x 1/2	5	0.077	
	87531	5/8 x 3/4	5	0.119	
	87535	3/4 x 1/2	5	0.082	
	87540	3/4 x 3/4	5	0.121	
	87545	3/4 x 1	5	0.165	
	87560	1 x 1	5	0.179	
	87570	1 1/4 x 1 1/4	5	0.364	
	87580	1 1/2 x 1 1/2	5	0.515	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Viega PEX Press Adapter - Copper Fitting Zero Lead Bronze 2" fitting for use with solder fittings only Zero Lead DISCOUNT 6 <u>model 2813.1ZL</u>	97590	Press x Copper (male) 2 x 2	5	0.696	
 Viega PEX Press Test Plug Bronze * Available while supplies last DISCOUNT 6 <u>model 2856NG</u>	85000	Press 3/8	5	0.027	
	85121	1/2	5	0.036	
	85131	5/8	5	0.048	
	85141	3/4	5	0.059	
	85161	1	5	0.11	
 Viega PEX Press Elbow Bronze * Available while supplies last Copper Tubing (female) <u>model 2814.5NG</u> Copper Fitting (male) Copper Fitting (male) or Tubing (female) DISCOUNT 6	89308	Press x Copper 1/2 x 3/4	5	0.346	
	89312	5/8 x 3/4	5	0.344	
	89309	3/4 x 3/4	5	0.337	
	89310	1/2 x 1/2	5	0.187	
	89307	1/2 x 3/4 or 1/2	5	0.335	
	89313	5/8 x 3/4 or 1/2	5	0.333	
	89311	3/4 x 3/4 or 1/2	5	0.326	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Viega PEX Press Tee Bronze Dimensions listed as labeled, A x B x C * Available while supplies last DISCOUNT 6 <u>model 2818NG</u>	Press x Press x Press				
	84020	1/2	5	0.113	
	84021	1/2 x 3/8 x 3/8	5	0.106	
	84022	1/2 x 1/2 x 3/4	5	0.198	
	84030	5/8	5	0.19	
	84040	3/4	5	0.19	
	84032	3/4 x 1/2 x 1/2	5	0.179	
	84034	3/4 x 1/2 x 3/4	5	0.179	
	84036	3/4 x 3/4 x 1/2	5	0.187	
	84060	1	5	0.339	
	84037	1 x 1/2 x 1/2	5	0.289	
	84039	1 x 1/2 x 1	5	0.352	
	84038	1 x 3/4 x 1/2	5	0.293	
	84052	1 x 3/4 x 3/4	5	0.245	
	84053	1 x 3/4 x 1	5	0.35	
	84050	1 x 1 x 1/2	5	0.254	
	84056	1 x 1 x 3/4	5	0.291	
	84070	1 1/4	5	0.703	
	84071	1 1/4 x 1 x 3/4	5	0.529	
	84073	1 1/4 x 1 x 1	5	0.593	
	84072	1 1/4 x 1 1/4 x 3/4	5	0.549	
	84074	1 1/4 x 1 1/4 x 1	5	0.602	
	84080	1 1/2	5	0.86	
	84081	1 1/2 x 1 x 3/4	5	0.617	
	84082	1 1/2 x 1 x 1	5	0.738	
	84083	1 1/2 x 1 1/2 x 3/4	5	0.674	
	84084	1 1/2 x 1 1/2 x 1	5	0.767	
	84085	1 1/2 x 1 1/2 x 1 1/4	5	0.884	
 Viega PEX Press Tee Zero Lead Bronze Dimensions listed as labeled, A x B x C Zero Lead DISCOUNT 6 <u>model 2818ZL</u>	Press x Press x Press				
	94090	2	1	1.741	
	94091	2 x 1 1/2 x 1	5	1.697	
	94092	2 x 1 1/2 x 1 1/4	5	1.737	
	94093	2 x 1 1/2 x 1 1/2	5	1.741	
 Compression Coupling 5/16" Bronze Low profile Use for Climate Panel tubing repairs DISCOUNT 4 <u>model 1030SV</u>	19013	in 5/16	10	0.15	
 SVC Compression Coupling Bronze SVC coupling and (2) PEX adapters Allows splice connections DISCOUNT 4 <u>model 1030.1SV</u>		in			
	19014	3/8	1	0.56	
	19015	1/2	1	0.558	
	19016	5/8	1	0.527	
	19017	3/4	1	0.898	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
Controls, Valves and Actuators					
	Basic Heating Control Controls system water temperature based on outdoor reset Modulating mixing valve control Supply temperature high limit Boiler activation Includes supply and outdoor sensors				
	Basic Heating Control <u>model 2871.0US</u>	16015	1	3.031	
	Optional Indoor Sensor DISCOUNT 4	16016	1	0.15	
	Multiple Outdoor Sensor 10kΩ thermistors Allows up to (4) Basic Heating Controls to share a single outdoor sensor DISCOUNT 4 <u>model 2871.3US</u>	16020	1	0.486	
	Zone Control Zone wiring and switching center Available as (4) or (6) zone with priority DISCOUNT 4 <u>model 2874.7US</u>				
		18060 4 Zone 18062 6 Zone	1 1	4.56 6.918	
	Pump and Boiler Relay 120 VAC supply 24 VAC transformer Control pump and boiler contact outputs with dry or powered input signal DISCOUNT 4 <u>model 2876.0US</u>	18033	1	2.499	
	Digital Thermostat Allows sensing of floor and/or room temperature Adjustable setback Controls up to (4) Powerheads High or low limit protection with available floor sensor				
	Digital Thermostat <u>model 2874.5US</u>	18050	24V	1	0.228
	Optional Floor Sensor DISCOUNT 4	18051	10K	1	0.154

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Powerhead for Stainless Manifold 24 VAC Fits return valve on Viega's Stainless Manifolds 2-Position actuator provides circuit zone control Connects to Zone Control or thermostat 4-wire has integral end switch DISCOUNT 4 <u>model 2877.7</u>	15061	Wire 2	1	0.301	
	15064	4	1	0.397	
 Advanced Snow Melt Control Automatic snow melt system Slab, air and moisture sensing Floating actuator or variable speed pump output Boiler and system pump relay outputs DISCOUNT 4 <u>model 2872.4US</u>	17015		1	11.297	
 Basic Digital Snow Melt Control II Automatic snow melt system activation Slab high limit Temperature and precipitation sensing (2) isolated SPDT relay contacts Slab sensor and manual override timer DISCOUNT 4 <u>model 2875.3US</u>	17023		1	3.299	
 Digital Setpoint Control II Heating and cooling temperature control for slab applications (2) isolated SPDT relay contacts Watertight sensor DISCOUNT 4 <u>model 2875.4US</u>	17029		1	1.816	
 Setpoint Control Sensor Used for a replacement or as a second sensor for stock code 17029 and 17023 DISCOUNT 4 <u>model 2875.5US</u>	17031		1	0.002	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Transformer 24 VAC secondary voltage for control components DISCOUNT 4 <u>model 2872.2US</u>	18008	VA 40	1	1.999	
	18020	75	1	2.799	
Accessories					
 Circulator Pump 3-Speed, direct drive, wet rotor, inline circulator pump Low Head or High Head DISCOUNT 4 <u>model 2801.1US</u>					
	Low Head	12126	1	7.248	
	High Head	12127	1	10.247	
 Circulator Pump Flanges Includes (2) flanges, (2) sealing elements and hardware DISCOUNT 4 <u>model 2874.3US</u>	16207	3/4	1	2.023	
	16209	1	1	2.023	
	16211	1 1/4	1	1.915	
	16212	1 1/2	1	1.915	
 Spring Check Valve Prevent gravity circulation or backflow Can be installed in any direction Non-ferrous DISCOUNT 4 <u>model 2873.4US</u>		F NPT			
	20201	1/2	1	0.30	
	20202	3/4	1	0.40	
	20203	1	1	0.60	
	20204	1 1/4	1	0.80	
	20205	1 1/2	1	1.10	
 Sensor Well House universal or supply temperature sensor for Basic Heating Control Fits into solder cup or ProPress fitting DISCOUNT 4 <u>model 2801.4US</u>	12128	CTS 1/2	1	1.00	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Heat Exchanger Brazed plate DISCOUNT 4 <u>model 2859US</u>		in x in, plates			
	22006	5 x 12, 16	1	8.997	
	22007	5 x 12, 36	1	17.495	
	22008	5 x 12, 70	1	29.992	
 Pressure Differential Valve DISCOUNT 4 <u>model 2871.8US</u>	20102		1	15.306	
	20103		1	12.39	
 Zip Ties 8.7" Length DISCOUNT 4 <u>model 2866US</u>	15304		100	0.002	
 Staples for Foam Staple Gun Use with staple gun (21432) DISCOUNT 4 <u>model 2890.0US</u>	15312	2 1/2	300	0.005	
 Staples for Foam Staple Gun Use with staple gun (21432) DISCOUNT 4 <u>model 2890.3US</u>	15313	1 1/2	300	0.005	

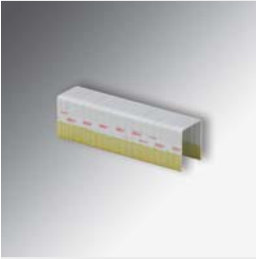
	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Staples Use with staple gun (21430) DISCOUNT 4 <u>model 2889.8US</u>	21431	Crown x Depth			
		1 x 1 1/4	10000	0.003	
 U-Channel Fastener 6.5' lengths Predrilled holes DISCOUNT 4 <u>model 2864US</u>	15310 15311 15314	in x ft			
		1/2 x 6 1/2 5/8 x 6 1/2 3/4 x 6 1/2	16 16 16	1.10 1.899 2.099	
 Plastic Bend Supports for Slab *Not for use with FostaPEX DISCOUNT 4 <u>model 2851US</u>	15106 15107 15108 15111				
		3/8 1/2 5/8 & 3/4 1	10 10 10 1	0.09 0.115 0.178 0.83	
 Repair Coupling Tape For PEX Press fittings in a slab DISCOUNT 4 <u>model 2890.4US</u>	15320	in x ft			
		1 x 10	1	0.131	
 J-Clamp Tubing Fasteners Nail provided with each clamp DISCOUNT 2 <u>model 2860US</u>	52000 52020 52040 52060				
		3/8 1/2 3/4 1	100 100 100 100	0.006 0.008 0.013 0.021	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Snap Clips *Not for use with FostaPEX Single <u>model 2862US</u> Double DISCOUNT 2	58000	5/16	100	0.006	
	58015	3/8	100	0.006	
	58020	1/2	100	0.011	
	58040	3/4	100	0.01	
	58060	1	50	0.014	
	58001	5/16	100	0.011	
	58016	3/8	50	0.012	
	58021	1/2	50	0.012	
 Lock Clips For 5/8" ViegaPEX Barrier use 1/2" Lock Clip For 5/8" FostaPEX use 3/4" Lock Clip DISCOUNT 2 <u>model 2863US</u>	58070	5/16	100	0.013	
	58071	3/8	100	0.014	
	58072	1/2	100	0.013	
	58073	3/4	50	0.015	
	58074	1	50	0.025	
	58075	1 1/4	50	0.03	
	58076	1 1/2	25	0.04	
 Multi-Clip Mounting screw provided DISCOUNT 2 <u>model 2867US</u>	52006	3/8 - 1	100	0.025	
 Climate Mat Clip DISCOUNT 4 <u>model 2809.3US</u>	18165	1/2	50	0.005	
	18166	5/8	50	0.005	
 Drop Ear Bend Supports *Not for use with FostaPEX DISCOUNT 2 <u>model 2850.1US</u>	50520	3/8 & 1/2	25	0.175	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Plastic Bend Supports *Not for use with FostaPEX DISCOUNT 2 <u>model 2850.2US</u>	51000	3/8	25	0.048	
		51020	1/2	25	0.083	
		51040	5/8 & 3/4	25	0.155	
		51060	1	25	0.26	
		51070	1 1/4	5	0.44	
	Plastic Clip for Foamboard Use with 1/2" and 5/8" ViegaPEX Barrier DISCOUNT 4 <u>model 2865US</u>	15302		100	0.019	
	Clip Driver Driver for foamboard screw clips (15302) Handle included for manual use, or extension may be used with any cordless drill. DISCOUNT 4 <u>model 2889.9US</u>	21207		1	0.70	
	Wire Mesh Clip Fasten 1/2" and 5/8" ViegaPEX Barrier to wire reinforcing mesh DISCOUNT 4 <u>model 2865.1US</u>	15301		100	0.015	
Tools			Dimension (Handle Color)			
	PEX Press Tools Ratcheting Design Color Coded Handles DISCOUNT 6 <u>model 2882US</u>	60010	5/16 Black	1	3.196	
		50000	3/8 Green	1	3.446	
		50020	1/2 Yellow	1	3.184	
		50030	5/8 Red	1	3.459	
		50040	3/4 Blue	1	3.138	
		50060	1 Orange	1	4.549	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 PEX Press Tool Set Starter Set includes: 1/2" & 3/4" PEX Press tools and basic tubing cutter with three additional slots. Complete Set includes: 3/8", 1/2", 3/4" & 1" PEX Press tools. Heating Set includes: 3/8", 1/2", 5/8", 3/4" & 1" PEX Press tools, both FostaPEX prep tools and basic tubing cutter. PEX Press Hand Tool Case <u>model 2880.3</u> Starter PEX Tool Set Complete PEX Press Heating Tool Set Starter PEX Press Tool Set w/ 1/2" & 3/4" Prep Tool DISCOUNT 6	50003		1	6.733	
	56000	1/2 & 3/4	1	13.001	
	56030	3/8, 1/2, 5/8, 3/4, 1	1	19.095	
	56020	1/2 & 3/4	1	14.246	
 FostaPEX Tubing Bender Will not kink tubing Formers included for 1/2" - 1" FostaPEX DISCOUNT 6 <u>model 2889.0US</u>	56015	1/2, 3/4 & 1	1	17.995	
 FostaPEX Prep Tool Peels PE and aluminum layer from FostaPEX tubing Prep Tool <u>model 2858</u> Replacement Blade DISCOUNT 6	54030	1/2 & 3/4	1	1.15	
	54050	5/8 & 1	1	1.401	
	54075		2	0.013	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Compact Battery Press Tools Ridgid 210-B Tool Viega PEX Press connections 3/8" - 1-1/2" ProPress connections up to 1" * Not for use with 2" PEX Press Compact Press Tool Kit model 2999.6 Compact Press Tool Kit w/o Press Jaws Compact Press Tool Battery Compact Press Tool Charger DISCOUNT 6		Press Jaws			
	57051	1/2, 3/4, 1	1	23.993	
	57057		1	15.995	
	57058		1	0.855	
	57059		1	1.999	
 Compact PEX Press Jaws For use in Compact Battery Press Tool (210B) DISCOUNT 6 model 2884.7US	56052	3/8	1	2.299	
	56053	1/2	1	2.299	
	56054	5/8	1	2.299	
	56055	3/4	1	2.299	
	56056	1	1	2.579	
	56060	1 1/4	1	2.999	
	56061	1 1/2	1	2.769	
 Standard PEX Press Jaws For use in Standard Battery Press Tool (330B) DISCOUNT 6 model 2899.7US		Press Jaws			
	56073	1/2	1	3.799	
	56074	5/8	1	3.799	
	56075	3/4	1	3.799	
	56076	1	1	3.899	
	56080	1 1/4	1	4.099	
	56081	1 1/2	1	4.299	
	56082	2		9.997	
 SVC Fitting Wrench Designed for easy access to SVC fitting nuts on manifolds DISCOUNT 4 model 2889.4US	50002	mm (in) 30 (1-3/16)	1	1.701	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Pneumatic Staple Gun For use with 5/16" - 5/8" PEX tubing Consistently leaves 1/8" above tubing Pneumatic Staple Gun DISCOUNT 4 <u>model 2889.7US</u>	21430		1	7.998	
 Staples Use with staple gun (21430) DISCOUNT 4 <u>model 2889.8US</u>	21431	Crown x Depth 1 x 1 1/4	10000	0.003	
 Pneumatic PEX Hammer Eases installation of PEX tubing into Climate Trak and Climate Panel DISCOUNT 4 <u>model 2899.8US</u>	21450		1	1.999	
 Pneumatic PEX Hammer Tip DISCOUNT 4 <u>model 2899.9US</u>	21455			1.999	
 Foam Staple Gun Manual stapler for foamboard insulation DISCOUNT 4 <u>model 2891.1US</u>	21432		1	5.498	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Staples for Foam Staple Gun Use with staple gun (21432)				
	15313	1 1/2	300	0.005	
DISCOUNT 4 <u>model 2890.3US</u>					
	Staples for Foam Staple Gun Use with staple gun (21432)				
	15312	2 1/2	300	0.005	
DISCOUNT 4 <u>model 2890.0US</u>					
	Drum and Base Decoiler for ViegaPEX Barrier Recommended for use with larger ViegaPEX Barrier coils: 5/16" x 4000' 3/8" x 2400' 1/2" x 2000' 5/8" x 1500' 3/4" x 1000' Fits all ViegaPEX Barrier coils				
	21310		1	129.963	
DISCOUNT 4 <u>model 2875.6US</u>					
	Compact Decoiler Recommended for ViegaPEX Barrier coils up to 3/4" not listed under Drum and Base Decoiler Folds for easy transport				
	21316		1	36.74	
DISCOUNT 4 <u>model 2889.6US</u>					
	Ratcheting Tubing Cutters Recommended for FostaPEX				
	Tubing Cutters <u>model 2840</u>				
	53541	1 1/4	1	1.15	
	53551	1 1/2	1	0.954	
	53561	2	1	1.874	
	53542		1	0.19	
Replacement Blade for 53541 DISCOUNT 5					

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Tubing Cutters				
		Maximum PEX Dimension			
	Basic - Up to 1" PEX <u>model 2889.2US</u>	21304	1	0.351	
	Basic - Up to 1 1/2" PEX	21307	1 1/2	0.401	
	Ratcheting	53550	1	0.70	
	Wheel Cutter - Up to 2" PEX	53641	2	1.789	
	Replacement Blade for 21307	21317	1	0.08	
	Replacement Blade for 53641	53642	1	0.01	
	DISCOUNT 5				
	Spare Parts				
	Stainless Manifold Flow Meter Cap Red	15171	1	0.009	
	DISCOUNT 4 <u>model 2878.910</u>				
	Stainless Manifold Return Shut-Off Cap Blue				
	DISCOUNT 4 <u>model 2878.911</u>	15172	1	0.064	
	DISCOUNT 4 <u>model 2878.913</u>				
	Stainless Manifold Temperature Gauge Use with flow meter style manifold				
	DISCOUNT 4 <u>model 2878.913</u>	15175	1	0.112	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Stainless Manifold Manual Air Bleeder DISCOUNT 4 <u>model 2878.914</u>	15176		50	0.079	
	Stainless Manifold Purge Valve DISCOUNT 4 <u>model 2878.915</u>	15177		50	0.309	
	Stainless Manifold Return Valve Seat - Long Fits shut-off balancing flow meter DISCOUNT 4 <u>model 2878.916</u>	15178		25	0.156	
	Stainless Manifold Return Valve Seat - Short Fits shut-off balancing, valveless DISCOUNT 4 <u>model 2878.917</u>	15179		25	0.11	
	Stainless Manifold Supply Valve Seat Replacement for flow meter style manifold DISCOUNT 4 <u>model 2878.918</u>	15180		25	0.176	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
 Stainless Manifold Return Valve Fits shut-off balancing and shut-off balancing flow meter style manifolds DISCOUNT 4 <u>model 2878.919</u>	15181		25	0.183	
 Stainless Manifold Supply Shut-Off Balancing Valve Fits shut-off balancing style manifold DISCOUNT 4 <u>model 2878.924</u>	15182		1	0.152	
 Temperature Gauge Well and Plug Fits shutoff balancing flow meter style manifold DISCOUNT 4 <u>model 2878.925</u>	15183		20	0.123	
 Stainless Manifold Supply Flow Meter Valve Fits shutoff balancing flow meter DISCOUNT 4 <u>model 2878.920</u>	15184		1	0.184	
 Stainless Manifold Inlet Gasket DISCOUNT 4 <u>model 2878.923</u>	15170		2	0.011	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Stainless Manifold Bracket DISCOUNT 4 <u>model 2878.912</u>	15174		1	0.80	
	Purge Valve Replacement for 1-1/2" and 1" brass manifolds DISCOUNT 4 <u>model 1069SV</u>	15032	NPT x Hose 1/2	1	0.253	
	Air Vent w/ Bleeder Replacement for 1-1/2" and 1" brass manifolds DISCOUNT 4 <u>model 1028SV</u>	15033	in 3/8	1	0.498	
	Outdoor Sensor Replacement for Basic Heating Control, Advanced Heating Control and Advanced Snowmelt Control DISCOUNT 4 <u>model 2871.4US</u>	16017		1	1.701	
	Universal Sensor Replacement for 10K sensors DISCOUNT 4 <u>model 2870.9US</u>	16018		1	0.10	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Basic Digital Snowmelt II Snow Sensor DISCOUNT 4 model 2871.5US	17002		1	4.13	
	Advanced Snow Melt Control Sensor DISCOUNT 4 model 2875.8US	17016		1	4.399	
	Advanced Snowmelt Control Sensor Housing DISCOUNT 4 model 2865.3US	17017		1	1.55	
	Advanced Snowmelt Control Microprocessor Only DISCOUNT 4 model 2865.4US	17020		1	4.049	
	Compression Ring DISCOUNT 4 model 1022.8SV		PEX			
		19025	5/16	10	0.008	
		19026	3/8	10	0.01	
		19027	1/2	10	0.012	
		19028	5/8	10	0.014	
		19029	3/4	10	0.016	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	SVC Adapter Adapts 16mm PEX x SVC DISCOUNT 4 <u>model 2876.4US</u>	19412		10	0.196	
	Stadler Manifold Return Valve Fits Stadler Brass Manifolds DISCOUNT 4 <u>model 2876.5US</u>	13265		1	0.205	
	Stadler Manifold Supply Valve Fits Stadler Brass Manifolds DISCOUNT 4 <u>model 2876.6US</u>	13266		1000	0.002	
	Stadler Manifold Valve Seat Fits Stadler Brass Manifolds Supply and Return DISCOUNT 4 <u>model 2876.7US</u>	13267		1	0.729	
	Stadler Manifold Adapter Ring Adapts 15061 and 15064 powerheads to Stadler Brass Manifolds DISCOUNT 4 <u>model 2879.9US</u>	15065		1	0.034	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	Brass Manifold Supply Valve Replacement for 1" brass manifold DISCOUNT 4 model 2887.0	15003		1	0.16	
	Brass Manifold Valve Seat Replacement for 1" brass manifold supply and return DISCOUNT 4 model 2887.1	15004		1	0.136	
	Brass Manifold Return Valve Replacement for 1" brass manifold DISCOUNT 4 model 2887.2	15005		1	0.175	
	Powerhead for 1" Brass Manifold Fits <u>ONLY</u> 1" brass manifold return valve DISCOUNT 4 model 2877.0US	18028	2 - Wire 24 V	1	0.30	
	Powerhead Adapter Ring for 1" Brass Manifold Will adapt 15061 and 15064 powerheads to fit 1" brass manifold DISCOUNT 4 model 2877.9	15063		1	0.002	

	Stock Code	Dimension	Qty	Approx. wt./lb. Each	
GeoFusion					
	GeoFusion Coupling				
	<u>model V9015</u>				
	IPS x IPS				
	39020	3/4 x 3/4	100	0.055	
	39021	1 x 3/4	100	0.055	
	39022	1 x 1	75	0.086	
	39023	1 1/4 x 3/4	50	0.131	
	39024	1 1/4 x 1	50	0.08	
	39025	1 1/4 x 1 1/4 Slim Wall	50	0.133	
	39027	1 1/2 x 3/4	25	0.155	
	39028	1 1/2 x 1	25	0.141	
	39029	1 1/2 x 1 1/4	25	0.156	
	39030	1 1/2 x 1 1/2	25	0.143	
	39031	2 x 1	25	0.143	
	39032	2 x 1 1/4	25	0.164	
	39033	2 x 1 1/2	25	0.158	
	39034	2 x 2	25	0.136	
	GeoFusion Adapter				
	<u>model V9011</u>				
	IPS x M NPT				
	39001	3/4 x 3/4	25	0.28	
	39002	3/4 x 1	25	0.52	
	39003	1 x 3/4	25	0.31	
	39004	1 x 1	25	0.52	
	39005	1 1/4 x 3/4	10	0.56	
	39006	1 1/4 x 1	25	0.56	
	39007	1 1/4 x 1 1/4	25	0.78	
	39008	1 1/4 x 1 1/2	10	1.01	
	39009	1 1/2 x 1 1/2	10	1.06	
	39010	2 x 1 1/4	5	0.78	
	39011	2 x 1 1/2	15	1.06	
	GeoFusion Adapter				
	<u>model V9015.3</u>				
	IPS x MNT				
	39040	3/4 x 1	20	0.26	
	GeoFusion Adapter				
	<u>model V9015.4</u>				
	IPS x F NPT				
	39050	3/4 x 1/4	50	0.164	
	39051	3/4 x 1/2	50	0.165	
	39052	1 x 1/4	50	0.30	
	39053	1 x 1/2	20	0.162	
	39054	1 x 3/4	50	0.218	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	GeoFusion Cap <u>model V9056</u>		IPS			
		39190	3/4	100	0.05	
		39191	1	100	0.037	
		39192	1 1/4	100	0.05	
		39193	1 1/2	50	0.15	
		39194	2	25	0.209	
	GeoFusion Elbow <u>model V9016</u>		IPS x IPS			
		39060	3/4 x 3/4	75	0.077	
		39061	1 x 3/4	50	0.118	
		39062	1 x 1	50	0.127	
		39063	1 1/4 x 3/4	100	0.182	
		39064	1 1/4 x 1	100	0.177	
		39065	1 1/4 x 1 1/4	75	0.20	
		39067	1 1/2 x 1 1/2	50	0.264	
		39068	2 x 1 1/4	25	0.44	
		39069	2 x 2	25	0.525	
	GeoFusion Elbow <u>model V9016.5</u>		IPS x M NPT			
		39100	1 x 3/4	15	0.55	
		39101	1 x 1	20	0.55	
		39102	1 1/4 x 1	25	0.78	
		39103	1 1/4 x 1 1/4	10	1.01	
	GeoFusion Elbow <u>model V9016.4</u>		IPS x MNT			
		39090	3/4 x 1	20	0.26	
		39091	1 x 1	15	0.27	
	GeoFusion Elbow <u>model V9016.2</u>		IPS x STUB			
		39070	3/4 x 3/4	100	0.05	
		39071	1 x 1	100	0.083	
		39072	1 1/4 x 1 1/4	100	0.173	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	GeoFusion Elbow <u>model V9016.3</u>	39080	IPS x Female 1 1/4 x 1 1/4	100	0.175	
	GeoFusion Tee <u>model V9018</u>	39110 39112 39117 39119 39111 39113 39114 39115 39116 39118 39120 39121 39122 39123 39124	IPS x IPS x IPS 3/4 1 1 1/4 1 1/2 1 x 1 x 3/4 1 1/4 x 3/4 x 3/4 1 1/4 x 1 x 1 1 1/4 x 1 1/4 x 3/4 1 1/4 x 1 1/4 x 1 1 1/2 x 1 1/2 x 1 2 x 1 1/4 x 1 1/4 2 x 2 x 3/4 2 x 2 x 1 2 x 2 x 1 1/4 2 x 2 x 2	75 50 75 50 50 75 75 75 50 50 25 25 25 25 25	0.087 0.163 0.211 0.289 0.148 0.23 0.22 0.251 0.294 0.262 0.566 0.707 0.70 0.571 0.484	
	GeoFusion Header Tee <u>model V9018.2</u>	39140 39141 39142 39143 39144 39145	IPS x STUB x IPS 1 x 1 x 3/4 1 x 1 x 1 1 1/4 x 1 x 3/4 1 1/4 x 1 x 1 1 1/4 x 1 1/4 x 3/4 1 1/4 x 1 1/4 x 1	25 25 25 25 25 50	0.259 0.029 0.315 0.029 0.307 0.295	
	GeoFusion Adapter Tee <u>model V9018.8</u>	39162	IPS x IPS x MNT 1 1/4 x 1 1/4 x 1	10	0.45	
	GeoFusion Adapter Tee <u>model V9018.5</u>	39150	F NPT x MNT x IPS 1/2 x 1 x 1	10	0.47	

		Stock Code	Dimension	Qty	Approx. wt./lb. Each	
	GeoFusion Adapter Tee <u>model V9018.6</u>	39155	IPS x MNT x F NPT 3/4 x 1 x 1/2	10	0.39	
		39156	1 x 1 x 1/2	10	0.43	
	GeoFusion Adapter Tee <u>model V9018.7</u>	39160	IPS x IPS x F NPT 3/4 x 3/4 x 1/2	75	0.39	
		39161	1 x 1 x 1/2	50	0.52	
	GeoFusion Header Assembly <u>model V9040</u>	39170	IPS x IPS Branch 1 1/4 x 3 3/4	10	0.70	
		39171	1 1/4 x 4 3/4	10	0.96	
		39172	1 1/4 x 5 3/4	25	1.26	
		39173	1 1/4 x 6 3/4	25	1.58	
	GeoFusion Swivel Adapter <u>model V9049</u>	39180	IPS x FNT SWIVEL 3/4 x 1	25	0.32	
		39181	1 x 1	25	0.32	
		39182	1 1/4 x 1	25	0.56	
	GeoFusion Swivel Adapter <u>model V9013.1</u>	50648	M NPT x Swivel Nut 1 x 3/4	10	0.37	
		50647	1 x 1	10	0.385	
		48420	1 x 1 1/4	50	0.46	

