



PRODUCT CATALOGUE  
MARCH 2011

Plumbing Systems • Fire Sprinkler Systems



Flawlessly moving water  
to provide the ultimate in

**comfort,  
safety and  
convenience**

for residential and  
commercial applications.

**That's Uponor Logic at work.**



Radiant Heating and Cooling Systems • Pre-insulated Pipe Systems



[www.uponorpro.com](http://www.uponorpro.com)



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Sébastien Pion,  
Technical Sales Representative

## Simply Efficient

At Uponor, we believe in helping our customers achieve their vision. Whether through our products or people, we will go above and beyond to meet our customers' needs. Just ask Jacques De Grâce, a visionary Engineer who was faced with a significant and challenging project. When Jacques and his firm, Pageau Morel, needed the right products and expertise to meet their needs, they contacted Sébastien Pion, Uponor's Technical Sales Representative. Together they crafted a solution that exceeded his customer's expectations.

That's because at Uponor, we offer Simply More.



Uponor EP Manifold



Catalyst Power  
Abbotsford, BC

Craig Baker, Project Manager  
PlanET Biogas Solutions

# Simply Thermal

At Uponor, we design, build and sell systems that use less energy and conserve water. That's why when PlanET Biogas Solutions were looking for a partner for their biogas project in Abbotsford, BC they chose Uponor's pre-insulated pipe solutions.

Uponor's Ecoflex pipe was chosen because of its longstanding record of durability and dependability, and because of the ease with which it is installed. We are looking forward to working closely with PlanET on the integration of Uponor solutions in helping meet their vision of sustainability.

That's because at Uponor, we offer Simply More.



Uponor Ecoflex® Thermal Twin Pipe



# Uponor Design and Technical Support



## Uponor Design and Technical Support

When you are ready to start your project, Uponor's dedicated team of professional designers, managers and technical support representatives are available to guide you every step of the way — from initial design to final installation.

Whether it's plumbing, fire sprinklers or radiant heating and cooling, you can be sure your project will effectively meet — and exceed — all your expectations.

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## Design Request Forms

To get started, simply complete and submit an Uponor Design Request Form located on [www.uponorpro.com](http://www.uponorpro.com).

<http://www.uponorpro.com/en/Technical-Support/Forms.aspx>

## Contact Information

During any phase of your project, we are available to assist you via e-mail or toll-free phone.

[design.ca@uponor.com](mailto:design.ca@uponor.com)  
888.994.7726





**Bring even greater installation efficiency to your next project.**

**Milwaukee M12™  
ProPEX Expansion Tool**

- Continuous expansions for maximum install speed
- Compact, right-angle design for use in tight spaces
- Auto-rotating head for convenient, single-handed operation
- Expands  $\frac{3}{8}$ " to 1" tubing



**Milwaukee M18™  
ProPEX Expansion Tool**

- Continuous expansions for maximum install speed
- Magnesium construction for jobsite durability
- Auto-rotating head for convenient, single-handed operation
- Expands  $\frac{3}{8}$ " to 1½" tubing



**Note:** Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeetool.com](http://www.milwaukeetool.com) and entering "ProPEX" in the search window.

# New PEX Coils Packaging

## *New Packaging Makes PEX Tubing Coils Easier to Use*

With Uponor's new 'center punch' technology, contractors can now simply punch through the plastic perforation at the top of the coil and pull the required amount of PEX tubing for the job. When done, simply place the tubing back in the coil and carry the coil to the next project. This new packaging not only offers a more user-friendly product, it also honors the company's sustainability goals, which include reducing packaging waste.

- ☐ Faster tubing access
- ☐ Easier coil transport
- ☐ Low-density polyethylene (LDPE) plastic cover easy to recycle
- ☐ Eliminates special recycling pickups for cardboard at the jobsite
- ☐ Covers PEX tubing sizes from  $\frac{5}{16}$ " to 1"





## Radiant Heating and Cooling Systems

# Uponor Radiant Heating and Cooling Systems

## Barrier Tubing

### Wirsbo hePEX™ Tubing, Coil



Wirsbo hePEX™ tubing, featuring our patent-pending oxygen barrier and tested to DIN 4726, is intended for closed-loop hydronic radiant heating and cooling applications. It is compatible with Uponor's ProPEX® and QS-style fittings and is manufactured in full compliance to ASTM F876-09 (including dimensional requirements for barrier tubing) and F877. Tubing is rated and listed by the Hydrostatic Stress Board of PPI at 200°F at 80 psi, 180°F at 100 psi and 73.4°F at 160 psi.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
A1140313	5/16" Wirsbo hePEX, 100-ft. coil	30	\$62.55
A1180313	5/16" Wirsbo hePEX, 250-ft. coil	40	\$156.35
A1220313	5/16" Wirsbo hePEX, 1,000-ft. coil	12	\$625.35
A1140375	3/8" Wirsbo hePEX, 100-ft. coil	28	\$105.05
A1210375	3/8" Wirsbo hePEX, 400-ft. coil	18	\$420.15
A1220375	3/8" Wirsbo hePEX, 1,000-ft. coil	12	\$1,050.40
A1140500	1/2" Wirsbo hePEX, 100-ft. coil	22	\$78.95
A1250500	1/2" Wirsbo hePEX, 300-ft. coil	18	\$236.80
A1260500	1/2" Wirsbo hePEX, 500-ft. coil	12	\$394.70
A1220500	1/2" Wirsbo hePEX, 1,000-ft. coil	8	\$789.35
A1140625	5/8" Wirsbo hePEX, 100-ft. coil	15	\$101.95
A1250625	5/8" Wirsbo hePEX, 300-ft. coil	12	\$305.90
<b>NEW</b> A1210625	5/8" Wirsbo hePEX, 400-ft. coil	12	\$407.80
A1220625	5/8" Wirsbo hePEX, 1,000-ft. coil	5	\$1,019.60
A1140750	3/4" Wirsbo hePEX, 100-ft. coil	11	\$145.80
A1250750	3/4" Wirsbo hePEX, 300-ft. coil	12	\$437.45
A1240750	3/4" Wirsbo hePEX, 500-ft. coil	8	\$729.10
<b>NEW</b> A1220750	3/4" Wirsbo hePEX, 1,000-ft. coil	3	\$1,458.20
A1141000	1" Wirsbo hePEX, 100-ft. coil	12	\$204.55
A1251000	1" Wirsbo hePEX, 300-ft. coil	5	\$613.75
A1241000	1" Wirsbo hePEX, 500-ft. coil	6	\$1,022.85
A1141250	1 1/4" Wirsbo hePEX, 100-ft. coil	7	\$364.00
A1251250	1 1/4" Wirsbo hePEX, 300-ft. coil	2	\$1,092.00
A1141500	1 1/2" Wirsbo hePEX, 100-ft. coil	7	\$540.80
A1251500	1 1/2" Wirsbo hePEX, 300-ft. coil	2	\$1,622.40
A1142000	2" Wirsbo hePEX, 100-ft. coil	5	\$940.00
A1252000	2" Wirsbo hePEX, 300-ft. coil	2	\$2,820.00
A1252500*	2 1/2" Wirsbo hePEX, 300-ft. coil	1	\$3,641.10
A1253000*	3" Wirsbo hePEX, 300 ft. coil	1	\$5,215.20
A1143500*	3 1/2" Wirsbo hePEX, 100-ft. coil	1	\$2,369.10
A1144000*	4" Wirsbo hePEX, 100-ft. coil	1	\$3,142.90

\*Wirsbo hePEX coils for 2 1/2", 3", 3 1/2" and 4" tubing and other non-standard lengths are available on a made-to-order basis. Allow six weeks for delivery. Call Uponor Customer Service at 888.994.7726 for availability and pricing. Wirsbo hePEX 2 1/2", 3", 3 1/2" and 4" tubing uses WIPEX™ fittings (see page 69 for a listing of WIPEX fittings).

# Uponor Radiant Heating and Cooling Systems

Part No.	Part Description	List Price/Ea.
A1930625	5/8" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$329.85
A1930750	3/4" Wirsbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	\$392.25
A1921000	1" Wirsbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	\$439.25
A1921250	1 1/4" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$364.00
A1921500	1 1/2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$540.80
A1922000	2" Wirsbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	\$940.00

## Wirsbo hePEX Tubing, Straight Length



The Wirsbo hePEX Expansion Joint offers a complete labor and cost savings solution for radiant systems requiring expansion joints to accommodate expansion and contraction in long tubing runs.

Part No.	Part Description	Each Qty.	List Price/Ea.
A1992000	2" Wirsbo hePEX Expansion Joint	1	\$60.00

## 2" Wirsbo hePEX Expansion Joint



Radiant Rollout™ Mat provides a fast, efficient and consistent method for installing radiant heating and cooling systems in large commercial areas – reducing installation time, helping projects stay on schedule, providing worker safety by minimizing knee and back strain, and offering dependable commissioning with pre-pressurized tubing and self-balancing circuits.

**Note:** Because the Radiant Rollout Mat is a custom-made product, contact Uponor Technical Services at [technical.services@uponor.com](mailto:technical.services@uponor.com) or 888.594.7726 for availability, pricing and to request the Radiant Rollout Mat Design Request Form. Lead times for delivery vary from 4 to 8 weeks. Mats ship F.O.B. destination. General terms and conditions apply.

## Radiant Rollout™ Mat



### Radiant Rollout Mat Options

Length	Customizable from 40' to 225'
Width	4 1/2' with 9" on-center spacing with or without in-slab manifold 5' with 6" on-center spacing with or without in-slab manifold 9' with 9" on-center spacing with in-slab, 3/4" reverse-return header 10' with 6" on-center spacing with in-slab, 3/4" reverse-return header
Tubing	Wirsbo hePEX (oxygen barrier) or Uponor AquaPEX® (barrier free)
Fittings	Engineered plastic (EP) fittings (with in-slab, 3/4" reverse-return header only)
Pre-pressurization	20 psi; pressurized at the factory with in-slab, 3/4" reverse-return header
Distribution Flow Options	In-slab, 3/4" reverse-return header Wall manifold featuring the Uponor TruFLOW™ Classic
Supports	Acetal polymer support braces every 7' and pre-drilled holes for stake and anchor supports

Part No.	Part Description	Each Qty.	List Price/Ea.
Custom RRM	Radiant Rollout Mat	1	Call for pricing

# Uponor Radiant Heating and Cooling Systems

## Multi-layer Composite (MLC) Tubing Coil



Multi-layer Composite (MLC) tubing consists of interior aluminum tubing lined with inner and outer layers of PEX. MLC tubing offers 100% oxygen diffusion. The stay-in-place rigid feature of the tubing works great for hydronic baseboard, radiators, unit heaters, air handlers or manifold connections.

- Uponor MLC tubing is manufactured to the following standard: ASTM F1281 "Standard Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Pressure Pipe"
- Uponor tubing is rated and listed by the Hydrostatic Stress Board of PPI at: 200°F at 100 psi • 180°F at 125 psi • 140°F at 160 psi • 73°F at 200 psi
- Uponor MLC tubing is listed by NSF International and the International Code Council (ICC).
- Must use MLC Press tools and Chamfering tools with MLC tubing. See pages 125-126 for a listing of tool options.

**Note:** MLC tubing is used in hydronic heating and cooling installations only. See pages 58-60 for a full listing of MLC press fittings.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
D1250500	1/2" MLC Tubing, 300-ft. coil	20	\$414.00
D1220500	1/2" MLC Tubing, 1,000-ft. coil	8	\$1,380.00
D1250625	5/8" MLC Tubing, 300-ft. coil	13	\$489.00
D1220625	5/8" MLC Tubing, 1,000-ft. coil	7	\$1,629.90
D1140750	3/4" MLC Tubing, 100-ft. coil	14	\$257.85
D1250750	3/4" MLC Tubing, 300-ft. coil	8	\$773.45
D1240750	3/4" MLC Tubing, 500-ft. coil	6	\$1,289.05
D1141000	1" MLC Tubing, 100-ft. coil	10	\$431.85
D1251000	1" MLC Tubing, 300-ft. coil	6	\$1,296.80

# Uponor Radiant Heating and Cooling Systems

## Non-barrier Tubing

Uponor AquaPEX tubing is suitable for use in hydronic heating applications where the system contains no ferrous corrodible components or where any ferrous corrodible components are isolated from the tubing.

### Uponor AquaPEX Tubing Coil — White



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$58.21
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$174.64
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$291.05
F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$582.14
F1060625	⅝" Uponor AquaPEX White, 300-ft. coil	12	\$289.30
F1120625	⅝" Uponor AquaPEX White, 1000-ft. coil	5	\$965.25
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	11	\$111.08
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$333.25
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$555.42
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$189.55
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$568.62
<b>NEW</b> F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$947.75
F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$366.36
F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,099.11
F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$430.76
F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,292.29
F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$862.64
F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$1,725.28
F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$2,587.91
F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,200.00
F1023000	3" Uponor AquaPEX White, 350-ft. coil	1	\$4,200.00

**Note:** 3" AquaPEX tubing uses WIPEX fittings. See page 68 for a listing of WIPEX fittings.

High-density polyethylene (HDPE) SDR 11 tubing is used as supply and return mains for large hydronic heating applications where the system contains no ferrous corrodible components or where ferrous corrodible components are isolated from the tubing. HDPE tubing is manufactured from PE 3408 material. Tubing and fittings are connected through fusion welding. Service pressure and temperature ratings for HDPE used to convey water or water/glycol mixtures are as follows.

- 140°F at 80 psi
- 120°F at 100 psi
- 100°F at 125 psi
- 73.4°F at 160 psi

**Note:** This tubing is provided only in 20-foot lengths. See page 28 for a full listing of HDPE manifolds and fittings.

### High-density Polyethylene (HDPE) Tubing

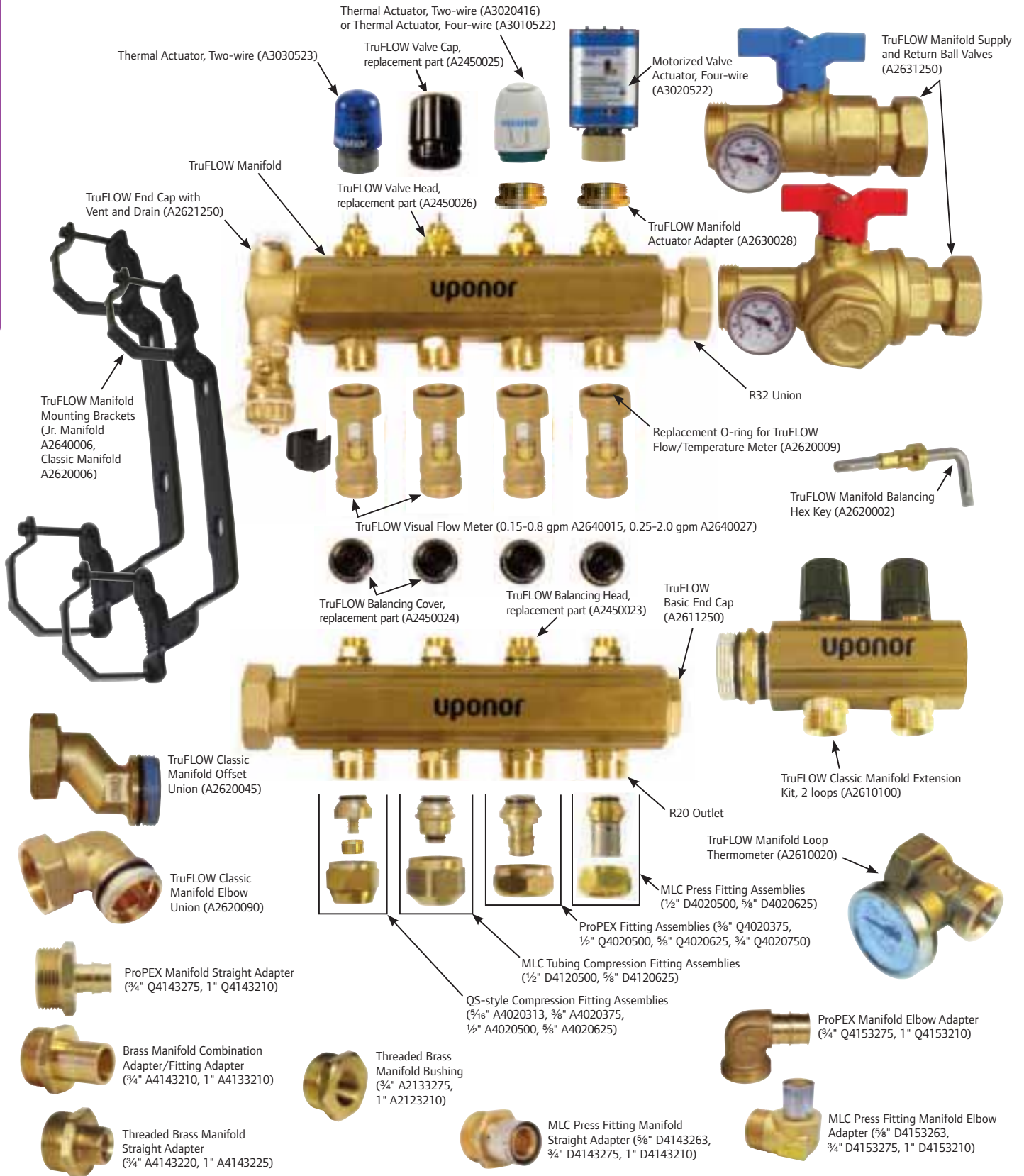


Part No.	Part Description	List Price/Ea.
B1812000	2" x 20' HDPE Tubing (straight length)	\$115.30
B1813000	3" x 20' HDPE Tubing (straight length)	\$222.40
B1814000	4" x 20' HDPE Tubing (straight length)	\$338.80



# Uponor Radiant Heating and Cooling Systems

## TruFLOW Heating Manifold Exploded View





# Uponor Radiant Heating and Cooling Systems

## Manifold Wall Cabinets

The recessed-style Manifold Wall Cabinet features a removable door-trim package and is adjustable to accommodate brass or engineered plastic (EP) manifolds mounted in either a 2x4 or 2x6 stud wall. Mount an Uponor Zone Control Module inside the cabinet for ease of wiring and protection from exposure or possible damage.

**Note:** When recessing the cabinet in a wall, add ½" to the height and width of the cabinet dimensions (shown in the Part Description) for easier installation. Note that the adjustable door frame will cover the additional space surrounding the cabinet.



Part No.	Part Description	Each Qty.	List Price/Ea.
A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	1	\$471.25
A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	1	\$535.50
A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	1	\$588.00

TruFLOW Classic and Jr. with Adapter Only <sup>1</sup>	A2603524	A2603530	A2603539
2 to 7 Loops	X		
8 to 10 Loops		X	
11 to 12 Loops			X
TruFLOW Classic and Jr. with Ball Valves <sup>2</sup>	A2603524	A2603530	A2603539
2 to 5 Loops	X		
6 to 8 Loops		X	
10 to 12 Loops			X

EP Heating Manifold <sup>1</sup>	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 6 Loops	X		
8 to 10 Loops		X	
11 to 12 Loops			X
EP Heating Manifold with EP Elbow or TruFLOW Ball Valves <sup>3</sup>	A2603524 A2603588	A2603530 A2603588	A2603539 A2603588
2 to 4 Loops	X		
5 to 7 Loops		X	
8 to 10 Loops			X
11 to 12 Loops <sup>4</sup>			X

<sup>1</sup>When adding the adapter, the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

<sup>2</sup>When adding the adapter or ball valves (horizontally), the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

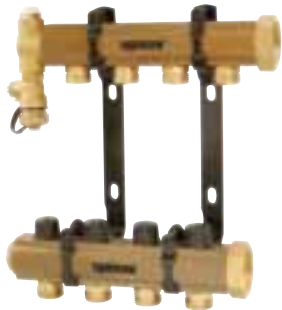
<sup>3</sup>When adding the adapter, EP elbow or ball valves (horizontally), the cabinets are designed to feature 1" of clearance around the entire manifold assembly for the maximum number of loops in each row of the table.

<sup>4</sup>When installing the EP Heating Manifold with 11 to 12 loops and adding the adapter, EP elbow or the ball valves (horizontally), note that the manifold assembly will have limited clearance inside the cabinet.

# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Assemblies

### TruFLOW Jr. Assembly with Balancing Valves and Valveless



The TruFLOW Jr. Assembly with Balancing Valves and Valveless manifold comes fully assembled and ready for installation. The manifold body (1" barrel diameter) ends have R32 unions and the loop outlets have QS20 male threads. Maximum recommended flow to the manifold based on manifold body diameter is 14 gallons per minute (gpm).

Part No.	Item Description	Dim. (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	R32-R20-R32	1	\$240.70
A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	R32-R20-R32	1	\$299.15
A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	R32-R20-R32	1	\$348.70
A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	R32-R20-R32	1	\$420.60
A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	R32-R20-R32	1	\$469.40
A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	R32-R20-R32	1	\$526.95
A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	R32-R20-R32	1	\$571.85

### TruFLOW Jr. and Classic Assemblies with Balancing and Isolation Valves



The TruFLOW Assembly with Balancing and Isolation Valves manifold comes fully assembled and ready for installation. The manifold assembly is shipped with the appropriate number of TruFLOW Manifold Actuator Adapters (A2630028). Maximum recommended flow to the manifold is 14 gpm for Jr. (1" barrel diameter) and 21 gpm for Classic (1 1/4" barrel diameter).

Part No.	Item Description	Dim. (Body-Outlets)	Each Qty.	List Price/Ea.
A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	R32-R20	1	\$308.10
A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	R32-R20	1	\$380.30
A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	R32-R20	1	\$449.85
A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	R32-R20	1	\$544.95
A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	R32-R20	1	\$619.15
A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	R32-R20	1	\$695.65
A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	R32-R20	1	\$795.35
A2610200	TruFLOW Classic Assembly, B&I, 2-loop	R32-R20	1	\$385.05
A2610300	TruFLOW Classic Assembly, B&I, 3-loop	R32-R20	1	\$476.35
A2610400	TruFLOW Classic Assembly, B&I, 4-loop	R32-R20	1	\$572.60
A2610500	TruFLOW Classic Assembly, B&I, 5-loop	R32-R20	1	\$691.10
A2610600	TruFLOW Classic Assembly, B&I, 6-loop	R32-R20	1	\$784.90
A2610700	TruFLOW Classic Assembly, B&I, 7-loop	R32-R20	1	\$883.60
A2610800	TruFLOW Classic Assembly, B&I, 8-loop	R32-R20	1	\$1,004.55
A2611000	TruFLOW Classic Assembly, B&I, 10-loop	R32-R20	1	\$1,197.05
A2611200	TruFLOW Classic Assembly, B&I, 12-loop	R32-R20	1	\$1,411.75

# Uponor Radiant Heating and Cooling Systems

## TruFLOW Jr. Modular Manifolds

TruFLOW Jr. Modular Manifold with Balancing Valves is used in conjunction with either the TruFLOW Jr. Modular Manifold with Isolation Valves or the TruFLOW Jr. Modular Valveless Manifold to complete the manifold set. The TruFLOW Jr. Modular Manifold with Balancing Valves allows manual flow balancing of the individual loops on the manifold. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Item Description	Dim. (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2663212	TruFLOW Jr. Balancing Valves, 2-loop	R32-R20-R32	1	\$120.70
A2663213	TruFLOW Jr. Balancing Valves, 3-loop	R32-R20-R32	1	\$142.00
A2663214	TruFLOW Jr. Balancing Valves, 4-loop	R32-R20-R32	1	\$166.25

### TruFLOW™ Jr. Supply Manifold with Balancing Valves



TruFLOW Jr. Modular Manifold with Isolation Valves is used with either the TruFLOW Jr. Modular Manifold with Balancing Valves or the TruFLOW Jr. Modular Valveless Manifold to complete the manifold set. The TruFLOW Jr. Modular Manifold with Isolation Valves allows for manual isolation of the individual loops on the manifold. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Item Description	Dim. (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2663222	TruFLOW Jr. Isolation Valves, 2-loop	R32-R20-R32	1	\$133.25
A2663223	TruFLOW Jr. Isolation Valves, 3-loop	R32-R20-R32	1	\$176.10
A2663224	TruFLOW Jr. Isolation Valves, 4-loop	R32-R20-R32	1	\$218.05

### TruFLOW Jr. Return Manifold with Isolation Valves



TruFLOW Jr. Modular Valveless Manifold is used with either the TruFLOW Jr. Modular Manifold with Isolation Valves or the TruFLOW Jr. Modular Manifold with Balancing Valves to complete the manifold set. The TruFLOW Jr. Modular Valveless Manifold does not feature flow balancing or isolation capability. Manifolds are available in 2- to 4-loop configurations depending on model. The manifold body (1" barrel diameter) ends have R32 threads as shown in the picture. Maximum recommended flow to the manifold is 14 gpm.

Part No.	Item Description	Dim. (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2663202	TruFLOW Jr. Valveless, 2-loop	R32-R20-R32	1	\$76.95
A2663203	TruFLOW Jr. Valveless, 3-loop	R32-R20-R32	1	\$97.20
A2663204	TruFLOW Jr. Valveless, 4-loop	R32-R20-R32	1	\$109.05

### TruFLOW Jr. Valveless Manifold



# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Accessories

### TruFLOW Manifold Mounting Bracket



TruFLOW Jr. and TruFLOW Classic Manifold Mounting Bracket is used to mount the TruFLOW Jr. and TruFLOW Classic Manifolds. Brackets are made of durable metal and are offset front-to-back and side-to-side for ease of installation. Two brackets are required for each manifold location.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2640006	TruFLOW Jr. Manifold Mounting Bracket, single bracket	10	\$26.95
A2620006	TruFLOW Classic Manifold Bracket, single bracket replacement part	10	\$40.70

### TruFLOW Support Bracket



TruFLOW Support Bracket comes in a set of two and facilitates mounting of TruFLOW Jr. and TruFLOW Classic manifolds between wall studs. The brackets mount in four different configurations – with exposed studs, in a stud cavity, on a flat surface and vertically.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2072500	TruFLOW Support Bracket, set of 2	1	\$61.25

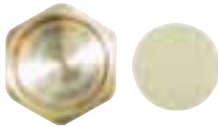
### End Cap with Vent



End Cap with Vent caps the end of the TruFLOW Jr. Modular Manifolds. It comes complete with swivel drain valve and manual air vent. Required gasket (A2403232) is included.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2803250	End Cap with Vent, R32	1	\$96.60

### Basic End Cap



Basic End Cap caps the end of the TruFLOW Jr. Modular Manifolds. Required gaskets are included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2080032	Basic End Cap, R32	10	\$19.05

### TruFLOW Jr. and Classic Manifold Supply and Return Ball Valves



TruFLOW Manifold Supply and Return Ball Valves are full-flow, 1¼" ball valves with R32 male by R32 union nut that fits directly on the TruFLOW Jr. and Classic Manifolds. The Ball Valves come standard with a thermometer.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2631250	TruFLOW Manifold Supply and Return Ball Valves, one set	1	\$235.05

# Uponor Radiant Heating and Cooling Systems

TruFLOW Manifold Coupling Nipple features male BSP thread on both ends and is used to make the connection between manifold parts. Primary seal for the connection is made with the attached O-ring on the nipple. Thread sealant on the nipple ensures tight bonding between the nipple and the manifold. Use Uponor Silicone Oil (A2620007), sold separately, or similar silicone lubricant on the male threads to ease installation.

**TruFLOW Manifold Coupling Nipple**



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2621010	TruFLOW Manifold Coupling Nipple, 1¼" BSP x 1¼" BSP	10	\$17.50

The TruFLOW Classic Manifold Elbow Union features an R32 union by 1¼" BSP male connection. It is designed to make tight, 90-degree turns from the TruFLOW Classic Manifold supply and return connections. Use Uponor Silicone Oil (A2620007), sold separately, or similar silicone lubricant on the male threads to ease installation.

**TruFLOW Classic Manifold Elbow Union**



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1¼" BSP	10	\$25.55

The TruFLOW Classic Manifold Offset Union features an R32 union by 1¼" BSP male connection. It is designed for easy alignment of the supply and return piping at the manifold. Use Uponor Silicone Oil (A2620007), sold separately, or similar silicone lubricant on the male threads to ease installation.

**TruFLOW Classic Manifold Offset Union**



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1¼" BSP	10	\$26.60

The TruFLOW Classic Manifold Extension Kit is designed for easy in-line extension of up to two additional loops for the TruFLOW Classic Manifold Assembly. The kit contains two 1¼" BSP nipples, one supply manifold, one return manifold and two loop end caps. Use Uponor Silicone Oil (A2620007), included in the kit and also sold separately, or similar silicone lubricant on the male threads to ease installation.

**TruFLOW Classic Manifold Extension Kit**



Part No.	Part Description	Each Qty.	List Price/Ea.
A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	1	\$344.75

The TruFLOW Manifold Actuator Adapter is a replacement part. This M28 brass adapter converts the manifold actuator threads to fit the Uponor Thermal Actuator (A3010522 or A3020416) and Motorized Valve Actuator (A3020522). This is included with the TruFLOW Jr. and TruFLOW Classic Manifolds.

**TruFLOW Manifold Actuator Adapter**



**Note:** Use only with the TruFLOW Jr. and Classic Manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2630028	TruFLOW Manifold Actuator Adapter, replacement part	10	\$2.95

# Uponor Radiant Heating and Cooling Systems

## TruFLOW Manifold Balancing Hex Key



The TruFLOW Manifold Balancing Hex Key is used on the supply manifold to adjust the flow rate across the loop for balancing. Each manifold is shipped with a hex key for balancing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	10	\$6.15

## TruFLOW Visual Flow Meter



Use the TruFLOW Visual Flow Meter on TruFLOW Jr. and TruFLOW Classic manifolds to accurately measure the flow of hydronic radiant loops.

**Note:** For proper operation, install flow meters on the return manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	10	\$34.05
A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	10	\$34.05
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.45

## TruFLOW Manifold Loop Thermometer



TruFLOW Loop Thermometer comes with a QS20 female union on one end and a QS20 male on the other. Thermometer with Well and removable thermometer are included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2610020	TruFLOW Manifold Loop Thermometer	10	\$37.30
A2610120	Thermometer with Well, replacement part	10	\$25.30

## Replacement and Spare Parts for Manifolds



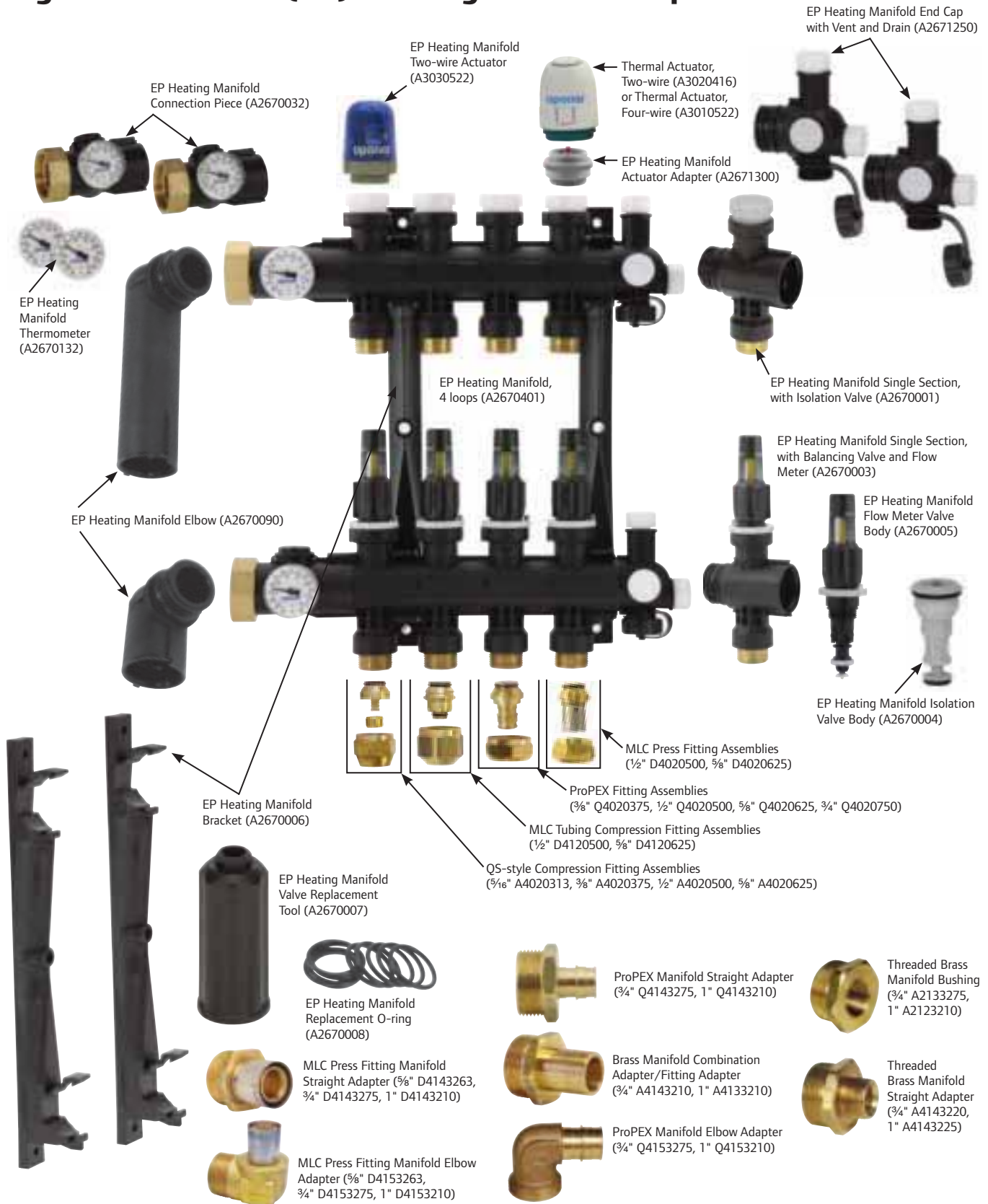
Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2650004	Replacement O-ring for 1½" BSP Connections	10	\$0.30
A2620005	Replacement Gasket for R32 Union Connections	10	\$0.40
A2620007	Silicone Oil, 1.76 oz. bottle, optional part	10	\$7.70
A2620008	Replacement O-ring for 1¼" BSP Connections	10	\$0.60
A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	10	\$0.45
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$2.85
A2403232	Manifold Gasket, spare part	10	\$2.25

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Radiant Heating and Cooling Systems

## Engineered Plastic (EP) Heating Manifold Exploded View



# Uponor Radiant Heating and Cooling Systems

## EP Heating Manifold

### EP Heating Manifold Assembly with Flow Meter



The EP Heating Manifold Assemblies feature isolation valves and balancing valves with flow meters, and come fully assembled, ready for installation. The manifolds are available in 2- through 8-loop configurations. The body ends feature R32 unions and the loop outlets have R20 male threads. The manifold mounts on a bracket (A2670006) that comes with the assembly.

### Pressure and Temperature Rating

- 6 bar at 60°C  
87 psi at 140°F
- 5 bar at 70°C  
72 psi at 158°F
- 4 bar at 80°C  
58 psi at 176°F
- 3 bar at 90°C  
44 psi at 194°F

**Note:** If using glycol, use only propylene glycol. Do not use ethylene glycol.

Part No.	Part Description	Dimension (Body-Outlets- Body)	Each Qty.	List Price/ Ea.
A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	R32-R20-R32	1	\$277.95
A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	R32-R20-R32	1	\$322.85
A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	R32-R20-R32	1	\$399.50
A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	R32-R20-R32	1	\$437.85
A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	R32-R20-R32	1	\$494.50
A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	R32-R20-R32	1	\$538.55
A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	R32-R20-R32	1	\$610.50

# Uponor Radiant Heating and Cooling Systems

## EP Heating Manifold Accessories

The EP Heating Manifold Single Section with Isolation Valve is a single loop add-on used on the return side for EP Heating Manifold Assemblies (A2670201 through A2670801).

Part No.	Part Description	Dimension (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2670001	EP Heating Manifold Single Section with Isolation Valve	R20	1	\$30.50

### EP Heating Manifold Single Section with Isolation Valve



The EP Heating Manifold Single Section with Balancing Valve and Flow Meter is a single loop add-on used on the supply side for EP Heating Manifold Assemblies (A2670201 through A2670801).

Part No.	Part Description	Dimension (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	R32-R20-R32	1	\$42.50

### EP Heating Manifold Single Section with Balancing Valve and Flow Meter



The EP Heating Manifold Connection Piece connects the manifold to the supply and return piping. Connection fitting size is an R32 union.

Part No.	Part Description	Dimension (Body-Outlets-Body)	Each Qty.	List Price/Ea.
A2670032	EP Heating Manifold Connection Piece with R32 Union and Thermometer	R32	1	\$120.50

### EP Heating Manifold Connection Piece



The EP Heating Manifold Elbow enables connections to supply and return piping from above or below. The two elbows feature different lengths to accommodate tube spacing for the supply and return lines.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670090	EP Heating Manifold Elbow, set of 2	1	\$32.00

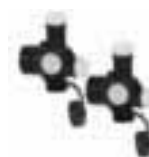
### EP Heating Manifold Elbow



The End Cap with Vent and Drain allows filling and purging at the manifold.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2671250	EP Heating Manifold End Cap with Vent and Drain	1	\$37.95

### End Cap with Vent and Drain



The EP Heating Manifold Mounting Bracket mounts the manifold assembly to a wall.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670006	EP Heating Manifold Mounting Bracket, set of 2	1	\$19.65

### EP Heating Manifold Mounting Bracket



# Uponor Radiant Heating and Cooling Systems

## EP Heating Manifold Wall Cabinet Bracket Kit



The EP Heating Manifold Wall Cabinet Bracket Kit enables mounting the EP Heating Manifold in a Manifold Wall Cabinet.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	1	\$41.35

## EP Heating Manifold Actuator Adaptor



The EP Heating Manifold Actuator Adapter connects the Four-wire Thermal Actuator (A3010522) and the Two-wire Thermal Actuator (A3020416) onto the EP Heating Manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2671300	EP Heating Manifold Actuator Adapter	10	\$4.85

## EP Heating Manifold Isolation Valve Body



The EP Heating Manifold Isolation Valve Body replaces the isolation valve on the return manifold.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670004	EP Heating Manifold Isolation Valve Body, replacement part	1	\$16.90

## EP Heating Manifold Flow Meter Valve Body



The EP Heating Manifold Flow Meter Valve Body replaces the flow meter valve on the supply manifold.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670005	EP Heating Manifold Flow Meter Valve Body, replacement part	1	\$20.50

## EP Heating Manifold Thermometer



The EP Heating Manifold Thermometer displays the supply and return temperature on the manifold. It snaps into the Connection Piece (A2670032) on the manifold.

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670132	EP Heating Manifold Thermometer, set of 2	1	\$30.90

## EP Heating Manifold Valve Replacement Tool



Use the EP Heating Manifold Valve Replacement Tool when replacing the Isolation Valve Body (A2670004) and Flowmeter Valve Body (A2670005).

Part No.	Part Description	Each Qty.	List Price/Ea.
A2670007	EP Heating Manifold Valve Replacement Tool	1	\$13.50

## EP Heating Manifold Replacement O-ring



The Replacement O-ring allows a proper seal between body parts on the manifold.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	10	\$1.15

# Uponor Radiant Heating and Cooling Systems

## Manifold Adapters and Fittings

The Brass Manifold Adapter allows either a straight copper pipe or a copper fitting adapter to sweat to the brass manifold adapter. The R32 threaded side couples with the R32 union connection on the brass manifolds.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4143210	Brass Manifold Adapter, R32 x ¾" Adapter or 1" Fitting Adapter	10	\$21.85
A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1¼" Fitting Adapter	10	\$16.80

### Brass Manifold Combination Adapter/Fitting Adapter



Threaded Brass Manifold Adapter transitions the R32 manifold union nut to PEX or MLC tubing with QS-style fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	10	\$23.95
A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	10	\$23.95
A2133275	Threaded Brass Manifold Bushing, R32 Male x ¾" Female NPT	10	\$22.60
A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	10	\$15.85

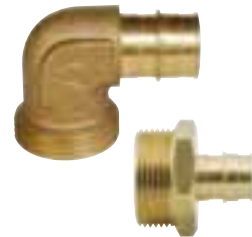
### Threaded Brass Manifold Adapter and Bushing



ProPEX Manifold Adapter for brass manifolds transitions from the R32 manifold union nut to ¾" and 1" Uponor PEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4143275	ProPEX Manifold Straight Adapter, R32 x ¾" ProPEX	10	\$31.25
Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	10	\$31.55
Q4153275	ProPEX Manifold Elbow Adapter, R32 x ¾" ProPEX	10	\$42.40
Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	10	\$43.05

### ProPEX Manifold Adapter



Brass Manifold Pressure Test Kit contains R32 x ¾" manifold bushing, R32 solid brass plug, ¾" brass nipple and pressure gauge assembly (100 psi). Schraeder valve is included.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6122000	Brass Manifold Pressure Test Kit	1	\$66.40

### Brass Manifold Pressure Test Kit



Brass Manifold Loop End Cap closes off unused R20 manifold loop connections. Install the supplied Brass Manifold Loop End Cap Gasket (A2400020) with the Loop End Cap to ensure a proper seal.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A2080020	Brass Manifold Loop End Cap, R20	10	\$8.40
A2400020	Brass Manifold Loop End Cap Gasket, spare part	10	\$2.85

### Brass Manifold Loop End Cap



# Uponor Radiant Heating and Cooling Systems

## QS-style Compression Fitting Assembly



The QS-style Compression Fitting Assembly with O-ring connects  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX tubing to Uponor brass and EP heating manifolds and R20 fittings. Sold as a three-piece assembly. The QS-style compression rings and o-rings are also sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4020313	$\frac{5}{16}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$16.20
A4020375	$\frac{3}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$12.55
A4020500	$\frac{1}{2}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$13.65
A4020625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R20 thread	10	\$16.65
A4021116	Replacement O-ring for insert (R20)	10	\$0.40

The QS-style Compression Fitting Assembly with O-ring connects  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX tubing to 2" Copper Valved Manifolds and other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4030625	$\frac{5}{8}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$21.50
A4020750	$\frac{3}{4}$ " QS-style Compression Fitting Assembly, R25 thread	10	\$24.90
A4021000	Replacement O-ring for insert (R25)	10	\$0.55

## QS-style Compression Ring



The QS-style Compression Ring (replacement part) is designed and tested for use with Uponor PEX tubing.

**Note:** Do not substitute similar compression rings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4160313	$\frac{5}{16}$ " QS-style Compression Ring, spare part	10	\$3.80
A4160375	$\frac{3}{8}$ " QS-style Compression Ring, spare part	10	\$3.10
A4160500	$\frac{1}{2}$ " QS-style Compression Ring, spare part	10	\$3.65
A4160625	$\frac{5}{8}$ " QS-style Compression Ring, spare part	10	\$3.75
A4160750	$\frac{3}{4}$ " QS-style Compression Ring, spare part	10	\$9.15

## ProPEX Fitting Assembly



ProPEX Fitting Assembly with ProPEX insert connects  $\frac{3}{8}$ " through  $\frac{3}{4}$ " Uponor PEX tubing to brass and EP Heating Manifolds. Sold as a two-piece assembly, it includes a ProPEX insert and R20 swivel nut.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4020375	$\frac{3}{8}$ " ProPEX Fitting Assembly, R20 thread	10	\$9.60
Q4020500	$\frac{1}{2}$ " ProPEX Fitting Assembly, R20 thread	10	\$9.00
Q4020625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R20 thread	10	\$10.05
Q4020750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R20 thread	10	\$16.80

ProPEX Fitting Assembly with ProPEX insert connects  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX tubing to other R25 male-threaded fittings. Sold as a two-piece assembly, it includes a ProPEX insert and R25 swivel nut.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4030625	$\frac{5}{8}$ " ProPEX Fitting Assembly, R25 thread	10	\$12.65
Q4030750	$\frac{3}{4}$ " ProPEX Fitting Assembly, R25 thread	10	\$12.55



# Uponor Radiant Heating and Cooling Systems

MLC Tubing Compression Fitting Assembly, made of heat-treated brass, connects 1/2" and 5/8" MLC tubing to brass and EP Heating Manifolds. MLC Tubing Compression Fitting Assembly, made of heat-treated brass, connects 1/2" and 5/8" MLC tubing to brass manifolds.

## MLC Tubing Compression Fitting Assembly



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4120500	1/2" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$17.35
D4120625	5/8" MLC Tubing Compression Fitting Assembly, R20 thread	10	\$33.55

The MLC Tubing Compression Fitting Assembly with O-ring connects 3/4" Uponor MLC tubing to other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4120750	3/4" MLC Tubing Compression Fitting Assembly, R25 thread	10	\$32.10

MLC Press Fitting Assembly connects 1/2" and 5/8" MLC tubing to R20 manifold connections and fittings.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

## MLC Press Fitting Assembly



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4020500	1/2" MLC Press Fitting Assembly, R20 thread	10	\$18.60
D4020625	5/8" MLC Press Fitting Assembly, R20 thread	10	\$24.35

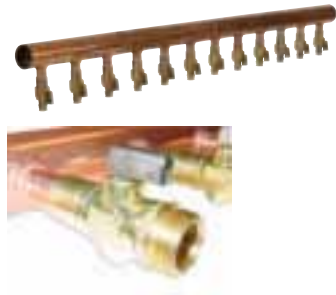
MLC Press Fitting Assembly connects 5/8" and 3/4" MLC tubing to other R25 male-threaded fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4030625	5/8" MLC Press Fitting Assembly, R25 thread	10	\$18.50
D4030750	3/4" MLC Press Fitting Assembly, R25 thread	10	\$19.50

# Uponor Radiant Heating and Cooling Systems

## Copper Manifolds

### 2" Copper Valved Manifold with ProPEX Ball Valves



The Uponor 2" x 4' Copper Valved Manifold with ProPEX Ball Valves is made of type L copper and features 5/8" and 3/4" nominal branches that are 4 inches on center. The manifold is available in 12-outlet configurations. The maximum recommended flow to the manifold based on manifold body diameter is 45 gpm.

**Note:** ProPEX Tool is required. ProPEX Rings must be purchased separately.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q2811263	2" x 4' Copper Valved Manifold with 5/8" ProPEX Ball Valves, 12 outlet	1	\$863.50
Q2811275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlet	1	\$883.85
Q2821263	2" x 4' Copper Valved Manifold with 5/8" ProPEX Ball and Balancing Valves, 12 outlet	1	\$1,245.50
Q2821275	2" x 4' Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlet	1	\$1,005.85
F2811220	2" x 4' Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlet	1	\$856.25
F2811225	2" x 4' Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlet	1	\$1,171.70
F2821220	2" x 4' Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlet	1	\$1,439.30
F2821225	2" x 4' Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlet	1	\$1,101.40

### 2" Copper Valveless Manifold with ProPEX Connection



The Uponor 2" x 4' Copper Valveless Manifold (type L copper) features either 5/8" or 3/4" branches, comes 4 inches on center, and is available in 12-outlet configurations.

**Note:** ProPEX Tool is required. ProPEX Rings must be purchased separately.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q2831263	2" x 4' Copper Valveless Manifold with 5/8" ProPEX, 12 outlet	1	\$521.60
Q2831275	2" x 4' Copper Valveless Manifold with 3/4" ProPEX, 12 outlet	1	\$521.60

### Copper Valved Manifold Accessories



Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
Q5806375	ProPEX Ball Valve, 5/8" PEX x 3/4" Copper Adapter	-	10	\$29.20
Q5807575	ProPEX Ball Valve, 3/4" PEX x 3/4" Copper Adapter	-	10	\$32.95
Q5906375	ProPEX Ball and Balancing Valve, 5/8" PEX x 3/4" Copper Adapter	-	10	\$49.95
Q5907575	ProPEX Ball and Balancing Valve, 3/4" PEX x 3/4" Copper Adapter	-	10	\$52.85
A5802075	Ball Valve, R20 Thread x 3/4" Copper Adapter	-	10	\$27.85
A5802575	Ball Valve, R25 Thread x 3/4" Copper Adapter	-	10	\$32.10
A5902075	Ball and Balancing Valve, R20 Thread x 3/4" Copper Adapter	-	10	\$56.90
A5902575	Ball and Balancing Valve, R25 Thread x 3/4" Copper Adapter	-	10	\$58.70
A2402000	2" Copper End Cap Spun End with Drain and Vent Connections	1	-	\$138.95

# Uponor Radiant Heating and Cooling Systems

High-density polyethylene (HDPE) SDR 11 tubing is used as supply and return mains for large hydronic heating applications where the system contains no ferrous corrodible components or where ferrous corrodible components are isolated from the tubing. HDPE tubing is manufactured from PE 3408 material. Tubing and fittings are connected through fusion welding. Service pressure and temperature ratings for HDPE used to convey water or water/glycol mixtures are as follows.

- 140°F at 80 psi
- 120°F at 100 psi
- 100°F at 125 psi
- 73.4°F at 160 psi

**Note:** This tubing is provided only in 20-foot lengths.

## High-density Polyethylene (HDPE) Tubing



Part No.	Part Description	List Price/Ea.
B1812000	2" x 20' HDPE Tubing (straight length)	\$115.30
B1813000	3" x 20' HDPE Tubing (straight length)	\$222.40
B1814000	4" x 20' HDPE Tubing (straight length)	\$338.80

## HDPE Manifolds and Fittings

Multiple-outlet HDPE Valveless Manifolds are manufactured with ¾" or 1" 303 stainless-steel ProPEX fittings hydraulically pressed onto the outlet nipples. ProPEX connection and manifold are maintenance-free and suitable for direct burial. They are ideal for applications larger than 5,000 square feet or where flow requirements are greater than the capacity of other Uponor manifolds. The HDPE Valveless Manifolds come with standard 12-inch, on-center outlet spacing. The maximum recommended flow rates for these manifolds are: 2-inch, 41 gpm; 3-inch, 116 gpm; 4-inch, 226 gpm. The HDPE Manifold and Accessories are made of SDR 11 tubing and PE 3408 material and can be used together with the Ecoflex® Potable HDPE products.

**Note:** ProPEX Tool is required. Only use in systems free of corrodible components or when there is corrosion control. The temperature limitation is 140°F at 80 psi. HDPE Manifolds are made-to-order. Allow five weeks for delivery. Call Uponor Customer Service at 888.994.7726 for availability and pricing.

## HDPE Valveless Manifold



Part No.	Part Description	Each Qty.	List Price/Ea.
B2252751	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	1	Call for pricing
B2272101	2" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2252752	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	1	Call for pricing
B2272102	2" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing
B2253751	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	1	Call for pricing
B2273101	3" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2253752	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	1	Call for pricing
B2273102	3" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing
B2254751	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	1	Call for pricing
B2274101	4" x 10' HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	1	Call for pricing
B2254752	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	1	Call for pricing
B2274102	4" x 20' HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	1	Call for pricing

# Uponor Radiant Heating and Cooling Systems

## HDPE Elbow



Part No.	Part Description	Each Qty.	List Price/Ea.
B2162000	HDPE 90-degree Elbow, 2" HDPE x 2" HDPE	1	\$44.75
B2163000	HDPE 90-degree Elbow, 3" HDPE x 3" HDPE	1	\$89.55
B2164000	HDPE 90-degree Elbow, 4" HDPE x 4" HDPE	1	\$132.10
B2192500	HDPE 45-degree Elbow, 2" HDPE x 2" HDPE	1	\$44.40
B2193500	HDPE 45-degree Elbow, 3" HDPE x 3" HDPE	1	\$88.50
B2194500	HDPE 45-degree Elbow, 4" HDPE x 4" HDPE	1	\$130.95

## HDPE Tee



Part No.	Part Description	Each Qty.	List Price/Ea.
B2172000	HDPE Tee, 2" HDPE x 2" HDPE x 2" HDPE	1	\$57.65
B2173000	HDPE Tee, 3" HDPE x 3" HDPE x 3" HDPE	1	\$97.60
B2174000	HDPE Tee, 4" HDPE x 4" HDPE x 4" HDPE	1	\$143.40

## HDPE Flange Adapter



Part No.	Part Description	Each Qty.	List Price/Ea.
B2182000	2" HDPE Flange Adapter	1	\$83.70
B2183000	3" HDPE Flange Adapter	1	\$109.45
B2184000	4" HDPE Flange Adapter	1	\$122.85

## HDPE Flange Backup Ring



Part No.	Part Description	Each Qty.	List Price/Ea.
B2192000	2" HDPE Flange Backup Ring	1	\$69.45
B2193000	3" HDPE Flange Backup Ring	1	\$67.75
B2194000	4" HDPE Flange Backup Ring	1	\$75.75

## HDPE End Cap



Part No.	Part Description	Each Qty.	List Price/Ea.
B2202000	HDPE End Cap, 2" HDPE	1	\$23.10
B2203000	HDPE End Cap, 3" HDPE	1	\$50.20
B2204000	HDPE End Cap, 4" HDPE	1	\$77.55

## HDPE Reducing Coupling



Part No.	Part Description	Each Qty.	List Price/Ea.
B2223020	HDPE Reducing Coupling, 3" HDPE x 2" HDPE	1	\$53.80
B2224020	HDPE Reducing Coupling, 4" HDPE x 2" HDPE	1	\$81.55
B2224030	HDPE Reducing Coupling, 4" HDPE x 3" HDPE	1	\$82.25

# Uponor Radiant Heating and Cooling Systems

## Mechanical Functionality



CLIMATE CÖNTROL  
MULTIFUNCTION CONTROLLER



CLIMATE CÖNTROL  
NETWORK SYSTEM

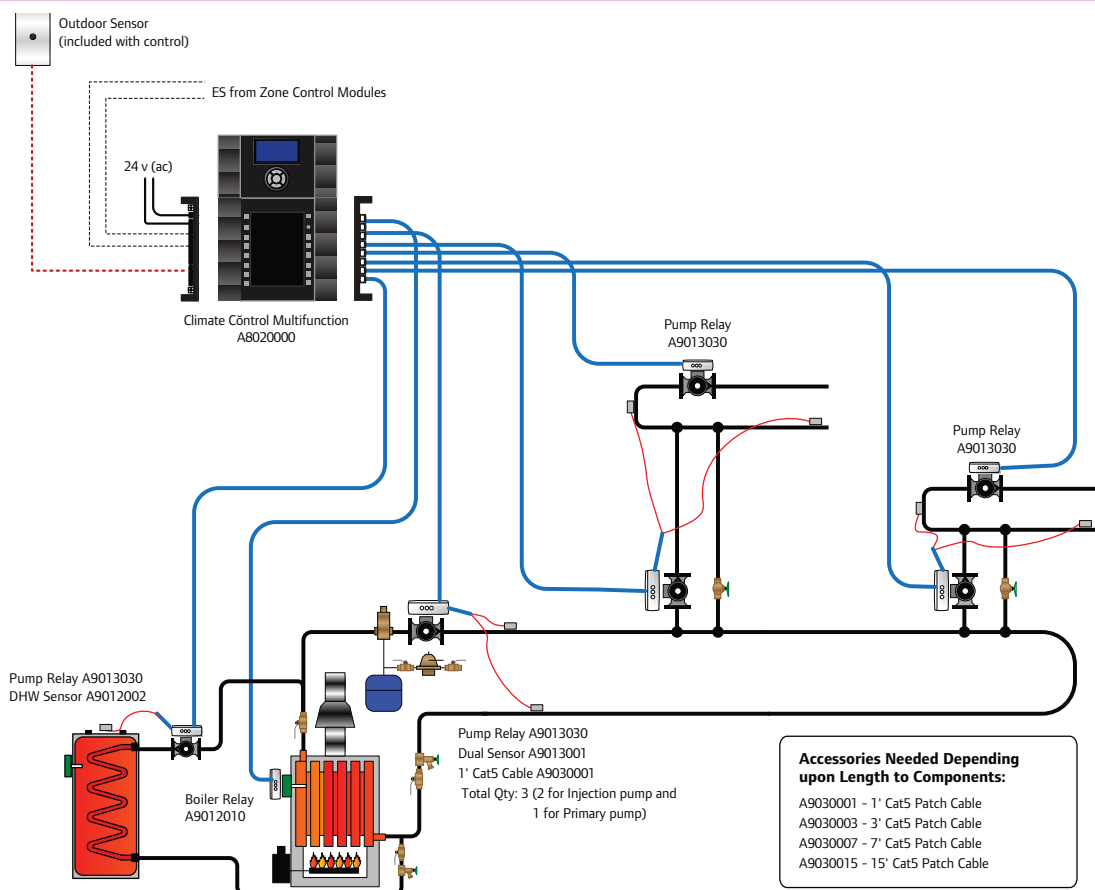
Mechanical Functionality	Boiler Staging	●	●
	Domestic Hot Water	●	●
	Snow and Ice Melting	●	●
	Water Mixing	●	●
	Zone Pumping	●	●
Advanced Mechanical Functionality	Furnace/Air Handlers		●
	Humidifier/Dehumidifier		●
	HRV		●
	Dampers		●
	Geothermal		●
Special Features	Remote Access		●
	Remote E-mail		●
	High-definition Touch Panel		●
Highly Developed Functionality	Solar		●
	Custom Programing Applications		●

## Zoning Controls

Home Comfort	<p><b>Zoning</b></p> <p>Uponor has a range of intelligent and attractive thermostats for controlling your mechanical systems.</p>	<p><b>WIRELESS ZONING CONTROLS</b></p> <p>A3601075 A3600075 A3601012</p>	<p><b>WIRED ZONING CONTROLS</b></p> <p>A3030003 A3030101 A3040501</p>	<p><b>TWO WAY COMMUNICATION</b></p> <p>A9010510 A9010520 A9010530 A9010540</p>
		<p><b>WIRELESS</b></p> <p><b>MULTIFUNCTION CONTROLLER</b></p>	<p><b>WIRED</b></p> <p>A8020000</p>	<p>A9070000</p>

# Uponor Radiant Heating and Cooling Systems

## Climate Cönl™ Multifunction Controller



### Climate Cönl Multifunction Hydronic Controller



### Boiler Relay



The Climate Cönl™ Multifunction hydronic controller is designed to simplify installations. This control incorporates all mechanical functions required in radiant floor heating, boiler staging, boiler reset and full modulation control, domestic hot water (DHW), snow melt, zone pumping and supply water temperature mixing. Input connections use a simple push-style connector and outputs use Cat5 cables and connector to control the output devices. Use the simple five-button display to set up and activate the functionality required for the individual installation. A data stick is included to save the setup configuration.

Part No.	Part Description	Each Qty.	List Price/Ea.
A8020000	Climate Cönl Multifunction Hydronic Controller	1	\$1,148.60

The Climate Cönl Multifunction unit controls and stages up to four boilers. Use the Boiler Relay to mount on or near the boiler. Connect to the Climate Cönl Multifunction Controller using a standard Cat5 cable with RJ45 ends.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9012010	Boiler Relay, On-Off	1	\$72.20



# Uponor Radiant Heating and Cooling Systems

The Climate Cönl Multifunction Controller provides mixing control of any Three-way Modulating Valves (0-10VDC) with up to three different water temperatures in either radiant heating or snow-melting applications. Mount the Modulating Valve Control on or near the valve. Connect to the Climate Control Multifunction Controller using a standard Cat5 cable with RJ45 ends. Uponor offers three-way valves with the valve control pre-wired and mounted to the motor.

## Three-way Modulating Valve

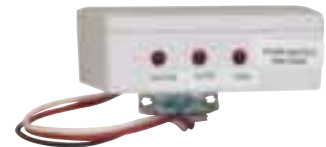


Part No.	Part Description	Each Qty.	List Price/Ea.
A9013021	¾" Three-way Modulating Valve with Control, 0-10v (Cv = 4.7)	1	\$756.15
A9013022	1" Three-way Modulating Valve with Control, 0-10v (Cv = 10.0)	1	\$756.45
A9013023	1¼" Three-way Modulating Valve with Control, 0-10v (Cv = 19.0)	1	\$811.05
A9013024	1½" Three-way Modulating Valve with Control, 0-10v (Cv = 29.0)	1	\$1,025.90
<b>NEW</b> A9013026*	2" Three-way Modulating Valve without Control, 0-10v (Cv = 46.0)	1	\$1,198.65
A9013098	Replacement Powerhead only for ¾" and 1" valves, replacement part	1	\$325.65
A9013099	Replacement Powerhead only for 1¼" and 1½" valves, replacement part	1	\$556.60
A9063020	Modulating Valve Control, 0-10v	1	\$85.40

\*Requires Modulating Valve Control, 0-10v (A9063020)

The Climate Cönl Multifunction unit controls any pump or circulator up to 3A for primary, domestic, snow melt, secondary or zone pump operation. Mount the Pump Relay on or near the pump. Connect to the Climate Cönl Multifunction Controller using a standard Cat5 cable with RJ45 ends.

## Pump Relay



Part No.	Part Description	Each Qty.	List Price/Ea.
A9013030	Pump Relay, On-Off	1	\$115.05

The Climate Cönl Multifunction Hydronic Controller supports snow melt operation for up to two zones through the use of the Uponor Snow Melt Control, which wires to the main control panel using a Cat5 cable and RJ45 ends for simple and easy connections. The Multifunction Controller will support both semi-automatic and automatic snow and ice melting (or a combination of both). The Snow-melt Cönl with Slab Sensor, 60-ft. lead (A9013061) is a minimum requirement for each snow melt zone. Use the Snow-melt Rough-in Kit (A9013060) and the Automatic Snow and Ice Sensor Assembly, 60-ft. lead (A9013062) for full automatic operation. The parts used for snow melting are now packaged to better fit the phases of installation.

## Snow-melt Accessories



Part No.	Part Description	Each Qty.	List Price/Ea.
◀ A9013051	Snow-melt Control, includes 10k sensor and well	1	\$279.75
◀ A9013052	Automatic Snow and Ice Sensor, includes cup and sensor	1	\$2,037.45
A9013053	Snow-melt Slab Sensor (60 ft.), replacement part	1	\$105.35
<b>NEW</b> A9013060	Snow-melt Rough-in Kit and well	1	\$193.85
<b>NEW</b> A9013061	Snow-melt Control with Slab Sensor, 60-ft. lead	1	\$311.45
<b>NEW</b> A9013062	Automatic Snow and Ice Sensor Assembly, 60-ft. lead	1	\$1,746.60
<b>NEW</b> A9013064	Snow-melt Sensor Well, replacement part	1	\$115.00
<b>NEW</b> A9013065	Snow-melt Control only, replacement part	1	\$168.55
<b>NEW</b> A9013066	Plastic Sensor Cup with Cover, replacement part	1	\$152.50
<b>NEW</b> A9013067	Clay for Automatic Sensor, replacement part	1	\$22.00
<b>NEW</b> A9013069	PVC Fitting Adapter, ¾" x ½" FPT	1	\$2.60
<b>NEW</b> A9013070	Metal Cover for Snow-melt Cup	1	\$25.00

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## Sensors



The Climate Cöntrol Multifunction Controller provides a variety of sensors to provide temperature information. The Outdoor Sensor connects to the Climate Cöntrol Multifunction with 18-2 AWG thermostat wire to a dedicated terminal. The Domestic Hot Water (DHW) Tank Sensor and Supply and Return Sensor connect using standard Cat5 cables with RJ45 ends to the appropriate device or control.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9012002	Domestic Hot Water (DHW) Tank Sensor, 10k	1	\$52.50
A9013001	Supply and Return Sensor, 10k	1	\$79.60
A9011001	Outdoor Sensor, 10k replacement part	1	\$80.05

## Climate Cöntrol Multifunction Replacement Parts and Accessories



The following tools, cables and accessories are available to complete and simplify the Climate Cöntrol Multifunction installation.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A8010002	Data Stick, replacement part	1	-	\$36.15
A8010004	Replacement Display	1	-	\$354.45
A9030001	Cat5 Patch Cable (1 ft.)	1	-	\$7.50
A9030003	Cat5 Patch Cable (3 ft.)	1	-	\$10.90
A9030007	Cat5 Patch Cable (7 ft.)	1	-	\$15.90
A9030015	Cat5 Patch Cable (15 ft.)	1	-	\$28.50
A9030100	Cable Tester	1	-	\$331.70
A9030200	Cat5 Cable Stripper	1	-	\$75.20
A9030300	Modular Plug Crimping Tool	1	-	\$151.60
A9030111	RJ45 Connectors, 50 pack	-	50	\$99.75
A9031000	Cat5 Wire, 1,000-ft. roll	1	-	\$361.20

## Three-way Tempering Valve



The 1" Three-way Tempering Valve thermostatically controls water temperature ranges between 80°F and 160°F. This non-corrosive reactive valve features 1-inch nominal sweat union connections and a Cv of 4.0.

Part No.	Part Description	Each Qty.	List Price/Ea.
A5400102	1" Three-way Tempering Valve	1	\$317.45
A5401112	1" Three-way Tempering Valve with Union	1	\$332.80
A5401110	1" Three-way Tempering Valve Replacement Gaskets, set of three	1	\$8.70

## Differential Pressure By-pass Valve



The self-acting, automatic Differential Pressure By-pass Valve maintains flow rates (e.g., through a low-water content gas boiler) or controls the differential pressure in a hydronic heating system. Valves come with NPT unions.

Part No.	Part Description	Each Qty.	List Price/Ea.
A5410750	¾" Differential Pressure By-pass Valve	1	\$360.60
A5411000	1" Differential Pressure By-pass Valve	1	\$410.95

# Uponor Radiant Heating and Cooling Systems

## Climate Cöntrol Zoning System (wireless)

The Climate Cöntrol Zoning System Starter Kit includes a Base Unit (C-55), an Interface (I-75), a removable antenna, cables for connections, mounting accessories, instructions and a manual. Located near the radiant system manifolds, the Base Unit can handle up to 12 thermostats (sold separately) and control up to 14 thermal actuators (sold separately). Each actuator controls the flow of the water through loops of PEX tubing in a radiant system.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3601000	Climate Cöntrol Zoning System Starter Kit (Base Unit, Interface, Cables, Antenna)	1	\$712.20

### Climate Cöntrol Zoning System Starter Kit



Located near the radiant system manifolds, the Zoning Base Unit can handle up to 12 thermostats (sold separately) and control up to 14 thermal actuators (sold separately). Each actuator controls the flow of the water through loops of PEX tubing in a radiant system. An interface (I-75) can be added for additional features (sold separately).

**Note:** The Zoning Base Unit includes the antenna (A3601001).

Part No.	Part Description	Each Qty.	List Price/Ea.
A3601012	Zoning Base Unit (C-55), 12 zones	1	\$439.10

### Zoning Base Unit



The wireless Zoning Thermostat (T-75) works with the Climate Cöntrol Zoning System. With sensors for optimal temperature measurement and battery-status indicators, the thermostat is available in either white or silver finish. Each thermostat uses two standard AAA batteries. Setpoint temperature range is 41°F (5°C) to 95°F (35°C).

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600075	Zoning Thermostat (T-75), white	1	\$109.45
A3600275	Zoning Thermostat (T-75), silver	1	\$166.05

### Zoning Thermostat (T-75)



The Zoning Thermostat Mounting Kit uses double-stick pads (included) to mount the thermostat (T-75) on tile or other smooth surfaces. The kit also includes a table stand.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600175	Zoning Thermostat Mounting Kit, white	1	\$8.80
A3600375	Zoning Thermostat Mounting Kit, silver	1	\$23.80

### Zoning Thermostat Mounting Kit, T-75



The wireless Zoning Thermostat (T-54) works with the Climate Cöntrol Zoning System. It features an optional slab sensor connection and can function as an air sensor or a combination air and slab sensor for optimal room comfort control. Use the optional slab sensor to set minimum or maximum slab temperatures. The thermostat uses two standard AAA batteries. Air setpoint range is 45°F (7.2°C) to 86°F (30°C). Slab setpoint range is 68°F (20°C) to 113°F (45°C). Slab sensor (A3600010) sold separately.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600054	Zoning Thermostat (T-54), white	1	\$159.65
A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	1	\$30.30

### Zoning Thermostat (T-54)



# Uponor Radiant Heating and Cooling Systems

## Zoning Thermostat Mounting Kit, T-54



Use the Zoning Thermostat Mounting Kit to properly mount the T-54 Thermostat to a wall or to cover up a wall area when replacing a larger, conventional thermostat.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600154	Zoning Thermostat Mounting Kit, T-54	1	\$10.05

## T-54 Thermostat Sensors



Connecting the Outdoor Sensor (A3600254) displays the outdoor temperature on the T-54 Thermostat user interface. Connecting the Slab Sensor (A3600010) displays the minimum and maximum slab temperatures on the inside cover of the T-54 Thermostat and the slab setpoint and current reading on the user interface.

**Note:** Using any other sensors with the T-54 Thermostat will give inaccurate temperature readings.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600254	Outdoor Sensor for T-54 Thermostat, 15-ft. lead	1	\$104.25
A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	1	\$30.30

## Zoning Interface (I-75)



The Zoning Interface (I-75) allows users to view system temperatures and status. The interface can connect up to three base units with a regular telephone cable and program up to five temperature setbacks. It also designates room names for each thermostat, and displays system issues. Additional features include valve and pump exercises, vacation scheduling and automatic summer and winter settings.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3601075	Zoning Interface (I-75)	1	\$295.80

## Zoning Base Unit Antenna



The Zoning Base Unit Antenna is a replacement part for the Zoning Base Unit.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3601001	Zoning Base Unit Antenna, replacement part	1	\$231.20

## Zoning Cable Kit



The replacement Zoning Cable Kit includes all needed cables (1-ft. antenna cable, 10-ft. antenna cable and 10-ft. display cable).

Part No.	Part Description	Each Qty.	List Price/Ea.
A3601002	Zoning Cable Kit	1	\$21.70

## Zoning Language Stick



The Zoning Language Stick is a replacement part for the Zoning Interface (I-75).

Part No.	Part Description	Each Qty.	List Price/Ea.
A3600005	Zoning Language Stick, replacement part	1	\$42.65

## Two-wire Thermal Actuator



Two-wire, slow-opening thermal actuators mount directly onto TruFLOW Classic, TruFLOW Jr. valved and EP Heating Manifolds. These actuators are compatible with the Climate Control Zoning Base Unit (A3601012) and provide individual loop flow control on a multi-zoned manifold (a manifold serving more than one zone).

**Note:** See Actuator Compatibility Table on page 38.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3030522	Two-wire Thermal Actuator (for EP Heating Manifold)	1	\$51.20
A3030523	Two-wire Thermal Actuator (for TruFLOW Classic and Jr. Valved Manifolds)	1	\$50.90

# Uponor Radiant Heating and Cooling Systems

## Zoning Controls (wired)

The Heat-only Thermostat (A3030101) and the Heat and Cool Thermostat (A3030102) are designed to operate in heating mode over two wires. These types of thermostats obtain their power for operation from taking voltage from the connected wiring. Different from other industry power-sharing thermostats, these eliminate any need for a third wire or battery, which makes the thermostats simple to install, wire and service.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3030101	Heat-only Thermostat, two-wire	1	\$86.50
A3030102	Heat and Cool Thermostat	1	\$120.05

### Room Thermostat



The SetPoint 501 is a single-stage, non-programmable setpoint controller designed to sense air temperature only. Control is not back-lit.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A3040501	SetPoint 501, Single-stage SetPoint Controller	1	-	\$190.25
A3040007	Cover Plate for 500 Series Controllers	-	10	\$36.10

### SetPoint 501 Controller



The SetPoint 501s is a single-stage, non-programmable setpoint controller designed to sense air, floor or both temperatures with the ability to select one or the other as the primary sensing point (floor sensor included).

**Note:** Available with back lighting.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	1	-	\$264.60
A3040079	Floor Sensor, replacement part	1	-	\$74.45
A3040007	Cover Plate for 500 Series Controllers	-	10	\$36.10
A3041511	SetPoint 511s, Single-stage Programmable Controller with floor sensor	1	-	\$329.60
A3040512	SetPoint 512, Two-stage Programmable Controller	1	-	\$321.95

### SetPoint 501s, 511s, 512 Controllers



SetPoint 150 Controller features include flexible setpoint range (-40°F to 239°F), adjustable differential and time-delay ranges and an LCD display. The control can be wired up to 500 feet using 18 AWG wire. Use the Universal Sensor (A3060071), included with the setpoint control, for strap-on or immersion well.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3040150	SetPoint 150 Controller	1	\$438.25

### SetPoint 150 Controller



# Uponor Radiant Heating and Cooling Systems

## Zone Control Module



The Zone Control Module is designed for use with Uponor Thermostats, Motorized Valve Actuators (MVAs), Thermal Actuators or Zone Valves. The Three-zone Control Module (R-2.0) (A3030003) and Four-zone Control Module (R-2.0) (A3030004) are designed to be used with Two-wire actuators. The Zone Control Module provides connection between the thermostats and their respective actuators or zone valves and the connection between the end switches and the pump or boiler relay. The modules are internally fused for protection from over current or direct shorts from the power supply transformer. The end switch circuit is also protected from over current, and a 2 amp fuse is factory installed.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3030003	Three-zone Control Module	1	\$120.65
A3030004	Four-zone Control Module	1	\$139.15
A3030009	Replacement Fuse (2 amps), 4/pkg.	1	\$13.40
A3030010	Replacement Fuse (4 amps), 4/pkg.	1	\$10.95

## Powered Zone Controller



The Powered Four- and Six-zone Controllers include transformers for low-voltage operations and relays to operate line-voltage controls. Fully fuse-protected, they also include an isolated end switch and built-in DHW priority switch. The indicator lights show full functionality of the products wired to the Powered Zone Controllers. A 3-amp delay fuse protects the Powered Four-zone Controller. A 7-amp delay fuse protects the Powered Six-zone Controller.


Part No.	Part Description	Each Qty.	List Price/Ea.
A3080404	Powered Four-zone Controller	1	\$272.85
A3080406	Powered Six-zone Controller	1	\$344.80

## Thermal Actuator



Slow-opening thermal actuator (24VAC) mounts directly onto TruFLOW Valved Manifolds. It provides individual loop flow control on a multi-zoned manifold (manifold serving more than one zone). Thermal Actuator includes end switch for activation of relay (pump), heat plant or other auxiliary devices.

**Note:** If using these actuators on the EP Heating Manifold, the EP Heating Manifold Actuator Adapter (A2671300) is required.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A3020416	Thermal Actuator, two-wire	1	100	\$81.35
A3010522	Thermal Actuator, four-wire	1	100	\$99.90
 A3019900	Green Spacer Ring VA33 for White Thermal Actuators	—	5	\$5.05

## Motorized Valve Actuator (MVA)



The Motorized Valve Actuator (MVA) (24VAC) features a quick-opening, motorized valve head that mounts directly onto TruFLOW Valved Manifolds. The open/close indicator allows for easy visual inspection. It provides individual flow control on a multi-zoned manifold (manifold serving more than one zone). MVA includes an end switch for activation of a relay (pump), heat plant or other auxiliary devices.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A3020522	Motorized Valve Actuator (MVA), four-wire	1	50	\$162.55

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Radiant Heating and Cooling Systems

Four-wire Zone Valve (24 VAC) features 3/4" and 1" sweat connections. It provides flow control for a single-zoned manifold (manifold serving one zone), and has a built-in flow-balancing feature. The zone valve includes an end switch for activation of a relay (pump), heat plant or other auxiliary devices.

## Zone Valve



Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A3010525	3/4" Thermal Zone Valve, four-wire	1	25	\$239.05
A3010526	1" Thermal Zone Valve, four-wire	1	25	\$270.20
A3070525	3/4" MVA Zone Valve, four-wire	1	25	\$249.20
A3070526	1" MVA Zone Valve, four-wire	1	25	\$325.15
<b>NEW</b> A2450028	Manifold Valve replacement (brass)	1	10	\$23.85
<b>NEW</b> A2450029	3/4" Zone Valve Cartridge, replacement part	1	10	\$45.65
<b>NEW</b> A2450030	1" Zone Valve Cartridge, replacement part	1	10	\$47.60

The Single-zone Pump Relay controls the operation of a single circulator or pump from a 24-volt signal. Relay includes secondary low-voltage terminals for boiler operation.

The Three-zone Multi-pump Relay controls the operation of up to three pumps or circulators from dedicated 24-volt signals. Relay includes secondary low-voltage terminals for boiler operation and DHW priority options.

## Pump Relay



Part No.	Part Description	Each Qty.	List Price/Ea.
A3010100	Single-zone Pump Relay	1	\$147.05
A3080301	Three-zone Multi-pump Relay	1	\$365.65

50 VA Transformer (24VAC) comes with a 4" x 4" metal mounting plate.







## Transformer



Part No.	Part Description	Each Qty.	List Price/Ea.
A3050050	50 VA Transformer	1	\$43.90

# Uponor Radiant Heating and Cooling Systems

**Actuator to Manifold Compatibility Table**

						
<b>Part Number</b>	<b>A3030522</b>	<b>A3030523</b>	<b>A3020416</b>	<b>A3010522</b>	<b>A3020522</b>	<b>A9010501</b>
<b>Type</b>	<b>Thermal Valve Actuator</b>	<b>Thermal Valve Actuator</b>	<b>Thermal Valve Actuator</b>	<b>Thermal Valve Actuator</b>	<b>Motorized Valve Actuator</b>	<b>Thermal Valve Actuator</b>
<b>Number of Wires</b>	2	2	2	4	4	4
<b>End Switch</b>	No	No	No	Yes	Yes	Yes
<b>Thread Type</b>	Male	Female	Female	Female	Female	Female
<b>EP Heating Manifold</b>	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>	No	Yes <sup>1</sup>
<b>TruFLOW Manifold</b>	No	Yes	Yes <sup>2,3</sup>	Yes <sup>2,3</sup>	Yes	Yes <sup>2,3</sup>

**Notes:** <sup>(1)</sup> Requires gray spacer (A2671300) (ordered separately)



<sup>(2)</sup> Requires dark green spacer VA33 (included with actuator)



<sup>(3)</sup> Requires brass adapter (A2630028) (included with manifold)



# Uponor Radiant Heating and Cooling Systems

## Climate Control Network System

The Uponor Climate Control Network System offers a variety of configurations of the main controllers that are mounted into a cabinet. See the table below to correctly identify the controls required in the main cabinet to provide the necessary functionality.

### Control Functions by Part Number

Part Number	Functionality
A9011000	Thermostats and Air System Functionality
A9012000	Boilers, Domestic Hot Water Tank(s) and Primary Pump
A9013000	Mixing and Snow Melting
A9014000	Zone Pumping

The Router Main Control (RTR) provides connections to the Digital Zone Control Modules and other devices such as the Furnace and Air Conditioning (FAC) Control, Heat Recovery Ventilator (HRV) Control and Zone Valve Damper (ZVD) Control. The control also provides a connection to the internet for remote viewing and monitoring (optional). All connections are RJ45 and use Cat5 wire to communicate to devices. The internet is not a requirement for system operation. Includes power connector.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9011000	Router Main Control (RTR)	1	\$1,766.45

### Router Main Control (RTR)



The Primary Equipment Control (PEC) provides connections to the boilers, primary pump, domestic hot water tanks, outdoor sensor, geothermal systems and an optional system pressure sensor. All connections are RJ45 and require the use of a Cat5 wire for the Primary Equipment Control (PEC) to communicate with the other devices. Includes power and communication cable with plugs to interconnect controls.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9012000	Primary Equipment Control (PEC)	1	\$1,020.85

### Primary Equipment Control (PEC)



The Supply Water Temperature Control (SWT) provides connections for mixing devices, secondary pumps and snow-melt controls. The SWT can control either modulating valves or injection pumps or a combination of both along with a combination of automatic and semi-automatic snow-melt zones. All connections are RJ45 and require the use of a Cat5 wire for the SWT to communicate with the other devices. Includes power and communication cable with plugs to interconnect controls.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9013000	Supply Water Temperature Control (SWT)	1	\$1,015.35

### Supply Water Temperature Control (SWT)



# Uponor Radiant Heating and Cooling Systems

## Zone Pump Control (ZPC)



The Zone Pump Control (ZPC) provides connections to zone pumps used in the system in radiant, baseboard, hot water coil or high temperature applications. All connections are RJ45 and require the use of a Cat5 wire for the ZPC to communicate with the other devices. Includes control cabinet mounting screws and power and communication cable with plugs to interconnect controls.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9014000	Zone Pump Control (ZPC)	1	\$1,012.20

## Control Cabinets and Components



The Control Cabinet is a low-profile enclosure that houses all main controllers (RTR, PEC, SWT, ZPC). The cabinet is powder-coated white and can mount in either a right-side or left-side hinged configuration. Includes hinged inner door with screw lock to conceal network cable and connectors. Includes control cabinet mounting screws.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9010000	Control Cabinet, 4-position	1	\$595.85
A9010001	Control Cabinet, 3-position	1	\$542.30
A9010002	Control Cabinet, 2-position	1	\$464.30
A9010003	Control Cabinet, 1-position	1	\$408.90
A9060001	Main Panel Power Cable with Plug (24vac), replacement part	1	\$30.50
A9060002	Main Panel Interconnect Cable with Plugs, replacement part	1	\$40.35

## Digital Zone Control Module (DZCM)



The Digital Zone Control Module (DZCM) is a control board that provides connections to the Network System thermostats and plug-in actuators. The DZCM requires 24VAC to power the control, actuators and thermostats. The DZCM uses a rotary address switch and requires a unique address number for each DZCM used in the system. The molex or plug-in connectors allow for simple and easy installation when using the Thermal Valve Actuator with Molex Plug (A9010501). Not for use with non-thermal actuators greater than 0.25A and will require A9011501. The Digital Zone Control Module communicates with the Router Main Control over Cat5 wire and RJ45 connectors.

**Note:** Each DZCM can run up to 10 thermostats (99 thermostats per system)

Part No.	Part Description	Each Qty.	List Price/Ea.
A9011500	Digital Zone Control Module (DZCM)	1	\$977.15
A9010501	Thermal Valve Actuator with Molex Plug	1	\$86.20
A9011501	1' Actuator Whip with Molex Plug	1	\$16.25
A9011510	10' Actuator Extension for A9010501	1	\$37.80

## Furnace and Air Condition Control (FAC)



The Furnace and Air Condition (FAC) Control board controls the fan, air heat, cooling, humidification and dehumidification functions. This device is used to operate air handlers, furnaces and rooftop units. The FAC has two additional contacts for 10k sensors for additional system feedback. All connections are screw-terminal blocks and are removable from the board for ease of wiring. The board comes with a manual switch that can be set in the off-auto-manual positions. The FAC requires 24VAC and communicates with the Router Main Control over Cat5 wire and RJ45 connectors.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9011100	Furnace and Air Condition Control (FAC)	1	\$557.25

# Uponor Radiant Heating and Cooling Systems

The Heat Recovery Ventilator (HRV) Control board controls up to three speeds of operation: low, medium and high. All connections are screw-terminal blocks and are removable from the board for ease of wiring. The board comes with a manual switch that can be set in the off-auto-manual positions. The HRV communicates with the Router Main Control over Cat5 wire and RJ45 connectors along with power for the board.

## Heat Recovery Ventilator Control (HRV)



Part No.	Part Description	Each Qty.	List Price/Ea.
A9011200	Heat Recovery Ventilator Control (HRV)	1	\$497.25
A9010201	VOC-CO2 Indoor Air Quality Sensor, optional	1	\$2,254.50

The Zone Valve Damper (ZVD) Control provides control of up to eight zone valves or zone dampers for on-off operation. All connections are screw-terminal blocks and are removable from the board for ease of wiring. Jumper pins on the board can be set for dry contact or powered switching along with address number and device type (valves or dampers). The board comes with a manual switch that can be set in the off-auto-manual positions. The Zone Valve Damper Control (ZVD) communicates with the Router Main Control over Cat5 wire and RJ45 connectors and requires a 24VAC power source.

## Zone Valve Damper Control (ZVD)



Part No.	Part Description	Each Qty.	List Price/Ea.
A9011400	Zone Valve and Damper Control (ZVD)	1	\$617.90

The Generic Input/Output (GIO) board controls up to eight low-voltage devices for on-off operation along with detecting eight switched inputs. All connections are screw-terminal blocks and are removable from the board for ease of wiring. Jumper pins on the board can be set for dry contact or powered switching along with address number and device type. The board comes with a manual switch that can be set in the off-auto-manual positions. The GIO board communicates with the Router Main Control over Cat5 wire and RJ45 connectors and requires a 24VAC power source.

## Generic Input/Output (GIO) Control



Part No.	Part Description	Each Qty.	List Price/Ea.
A9011600	Network Generic Input/Output (GIO)	1	\$684.05

The Climate Control Network System features a series of device controls, specific for the equipment the network will control. Each control connects with the main panel controllers over a Cat5 wire and RJ45 connectors. Connection points inside the panel will depend on the function it serves. Inside each enclosure, a switch is provided for Auto and Manual operation. LEDs on the case provide feedback to the mode of operation and if the device is wired correctly. Each control has a 3/4" thread for mounting directly to the equipment or to a standard electrical box knockout. The Variable Speed Pump Control requires a pump that will accept a 0-10VDC control signal.

## Network Relay



Part No.	Part Description	Each Qty.	List Price/Ea.
A9012010	Boiler Relay, On-Off	1	\$72.20
A9012020	Boiler Relay, Modulating 0-10VDC	1	\$61.10
A9013030	Pump Relay, On-Off	1	\$115.05
A9013040	Network Variable Speed Pump Control, Modulating 0-10VDC	1	\$59.55

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## Three-way Modulating Valve



**NEW**

Part No.	Part Description	Each Qty.	List Price/Ea.
A9013021	¾" Three-way Modulating Valve with control, 0-10v (Cv = 4.7)	1	\$756.15
A9013022	1" Three-way Modulating Valve with control, 0-10v (Cv = 10)	1	\$756.45
A9013023	1¼" Three-way Modulating Valve with control, 0-10v (Cv = 19)	1	\$811.05
A9013024	1½" Three-way Modulating Valve with control, 0-10v (Cv = 29)	1	\$1,025.90
A9013026*	2" Three-way Modulating Valve without Control, 0-10v (Cv = 46)	1	\$1,198.65
A9013098	Replacement Powerhead only for ¾" and 1" valves, replacement part	1	\$325.65
A9013099	Replacement Powerhead only for 1¼" and 1½" valves, replacement part	1	\$556.60
A9063020	Modulating Valve Control, 0-10v	1	\$85.40

\*Requires Modulating Valve Control, 0-10v (A9063020)

## Network Snow-melt Control



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◀

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

The Climate CöControl Network system allows easy integration of zoned snow melting for up to four (4) different areas. The snow melting operation can start automatically or manually using the Snow/Ice sensor (sold separately). A 10k slab sensor is included with the Network Snow-melt Control.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9013051	Snow-melt Control, includes 10k sensor and well	1	\$279.75
A9013052	Automatic Snow and Ice Sensor, includes cup and sensor	1	\$2,037.45
A9013053	Snow-melt Slab Sensor (60 ft.), replacement part	1	\$105.35
A9013060	Snow-melt Rough-in Kit and well	1	\$193.85
A9013061	Snow-melt Control with Slab Sensor, 60-ft. lead	1	\$211.45
A9013062	Automatic Snow and Ice Sensor Assembly, 60-ft. lead	1	\$1,746.60
A9013064	Snow-melt Sensor Well, replacement part	1	\$115.00
A9013065	Snow-melt Control only, replacement part	1	\$168.55
A9013066	Plastic Sensor Cup with Cover, replacement part	1	\$152.50
A9013067	Clay for Automatic Sensor, replacement part	1	\$22.00
A9013069	PVC Fitting Adapter, ¾" x ½" FPT	1	\$2.60
A9013070	Metal Cover for Snow-melt Cup	1	\$25.00

## Network Thermostat



The Network System uses a proprietary, new-style thermostat to control and integrate the heating, cooling and ventilation requirements of today's market. The flush-mount thermostats are low-profile, and use remodeler wings to attach behind walls ½" to ¾" thick. The surface mount attaches to a standard electrical box or can fix to any flat surface using screws or anchors (not included). All styles include an air sensor, humidity sensor (%RH) and optional terminals for slab sensing, if required. A plug makes for simple and easy connections using 18/2 AWG LVT and controls up to two stages of heating, cooling and supplemental all over two wires. The thermostats are polarity sensitive and cannot be used with conventional control systems. An optional wall sensor is available for installations requiring invisible room control while keeping the same functionality.

Part No.	Part Description	Each Qty.	List Price/Ea.
A9010510	Surface-mount Thermostat, vertical display	1	\$282.45
A9010520	Flush-mount Thermostat, vertical display	1	\$209.65
A9010530	Flush-mount Thermostat, horizontal display	1	\$246.95
A9010540	Wall Sensor, no display	1	\$260.05
A9010599	Slab Sensor, 10k	1	\$36.35

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Radiant Heating and Cooling Systems

The Climate Cöntrol Network System uses a variety of sensors to provide feedback and information to the main controls. From sensing tubing temperature to domestic hot water to an optional system pressure sensor, all sensors easily connect to the system, simplifying wiring and reducing the amount of wire required in conventional control systems.

## Network System Sensor



Part No.	Part Description	Each Qty.	List Price/Ea.
A9012005	Outdoor Sensor, 10k	1	\$66.05
A9012002	Domestic Hot Water (DHW) Tank Sensor, 10k	1	\$52.50
A9012003	Domestic Hot Water (DHW) Recirculation Sensor, 10k	1	\$69.10
A9012004	System Pressure Sensor, On-Off	1	\$397.60
A9013001	Supply and Return Sensor, 10k	1	\$79.60

The Network System uses Cat5 connections and cables to connect the different hardware throughout an installation. Use the Wire Converter in retrofit applications where it is necessary to convert a pair of 18-2, low-voltage thermostat wires to Cat5. Use the Network Y-Connector when daisy-chaining controls to simplify systems and eliminate additional wiring.

## Network System Wiring Accessories



Part No.	Part Description	Each Qty.	List Price/Ea.
A9011002	Network Wire Converter	1	\$27.05
A9011003	Network Y-Connector	1	\$41.65

The Touch Panel Interface (TPI) is a 5" x 7" high-definition touch screen that can integrate into any Climate Cöntrol Network System. The screens provide the end user simple access to all the function settings through a simple-to-use, high-quality graphical program at one location. Items include: viewing rooms, changing room temperatures, changing modes, setting schedules along with domestic hot water, snow-melt functionality and much more. Multiple TPIs can be installed in a single system.

## Touch Panel Interface (TPI)



Part No.	Part Description	List Price/Ea.
A9070000	Touch Panel Interface (TPI)	\$2,840.00

Uponor provides a high-quality graphical software program that allows the installer to properly set up and configure the system. The package comes with a USB key and software CD. The CD contains the necessary files to run UCT product manuals, instruction sheets and other help files. The USB key is required to plug into the laptop or computer housing the UCT program. The key is not needed to access manuals and documentation. The UCT is compatible with Windows XP™, Vista™ and Windows 7.0 operating systems.

## Uponor Configuration Tool (UCT)



Part No.	Part Description	List Price/Ea.
A9090000	Uponor Configuration Tool (UCT 1.2) Software Package	\$604.85

# Uponor Radiant Heating and Cooling Systems

## Fully Assembled proPANEL® Units

### proPANEL 90



The proPANEL® 90 unit offers a simple pumping station, used for radiant heating or as a high-temperature loop. The proPANEL 90 is pre-wired to a control interface, meaning the pump relay is connected to the control interface using a Cat5 cable. The panel is prepared to connect to the Climate Cönlrol Multifunction hydronic controller and/or the Climate Cönlrol Network System. The panel features 1", stainless-steel piping. The maximum recommended flow is 9 gpm.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 26 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3509000	proPANEL 90	1	\$1,560.00

### proPANEL 90Z



The proPANEL 90Z unit offers a pumping station with zoning capability (two zones). Featuring 1" valves for zoning, the proPANEL 90Z is pre-wired to a control interface, meaning the pump relay is connected to the control interface using a Cat5 cable. The two actuators controlling the valves are also pre-wired into the interface. The panel is prepared to connect to the Climate Cönlrol Multifunction Controller and/or the Climate Cönlrol Network System. The panel features 1", stainless-steel piping on the primary side and 3/4", stainless-steel piping on the secondary side. The maximum recommended flow is 4.5 gpm per outlet.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 32 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3509002	proPANEL 90Z	1	\$2,244.00

### proPANEL 90M



The proPANEL 90M unit offers a one-temperature mixing and pumping station using a three-way motorized mixing valve (0-10V). The proPANEL 90MZ is controlled by connecting it to a Climate Cönlrol Multifunction Controller and/or the Climate Cönlrol Network System. The proPANEL 90M is pre-wired to a control interface, meaning the pump relay and the mixing valves are connected to the control interface using a Cat5 cable. Sensors are attached to the tubing to monitor the secondary supply temperature at the selected level. They are also pre-wired to the control interface.

The panel features 1", stainless-steel piping. The maximum recommended flow is 9 gpm.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 30 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3509500	proPANEL 90M	1	\$2,244.00

### proPANEL 90MZ



The proPANEL 90MZ unit offers a one-temperature mixing and pumping station with zoning capacity (two zones). The proPANEL 90MZ uses 1" valves for zoning and a three-way motorized mixing valve (0-10V) for mixing. To control the proPANEL 90MZ, it must connect to a Multifunction Controller and/or the Climate Cönlrol Network System. The proPANEL 90MZ is pre-wired to a control interface, meaning the pump relay and the mixing valves are connected to the control interface using a Cat5 cable. Sensors are attached to the tubing to maintain the secondary supply temperature at the selected level; those are also pre-wired to the control interface. The two actuators controlling the valves are also pre-wired into the control interface. The panel features 1", stainless-steel piping on the primary side and 3/4", stainless-steel piping on the secondary side. The maximum recommended flow is 4.5 gpm per outlet.

Panel dimensions are 18" wide, 26" high and 7" deep; it weighs 37 lbs. The panel has a capacity of 90,000 BTUs at a 20 degree delta T.

Part No.	Part Description	Each Qty.	List Price/Ea.
A3509502	proPANEL 90MZ	1	\$2,830.00

# Uponor Radiant Heating and Cooling Systems

## ProPEX Fittings



Engineered Plastic (EP)



Lead-free Brass (LF)



Red Brass



Brass



WIPEX Dezincification-resistant (DZR) Brass

Uponor offers a comprehensive line of engineered plastic (EP), lead-free brass (LF), red brass, standard yellow brass and WIPEX DZR brass fittings to effectively meet any residential or commercial plumbing or radiant application.

### Engineered Plastic (EP)

Uponor's engineered plastic (EP) is a high-performance thermoplastic material that has superior mechanical, chemical and thermal properties, which allow dimensional stability in demanding applications, including areas of high stress, heat and moisture. Uponor EP fittings are approved for direct burial in soil as well as concrete slabs. EP fittings carry the same ratings as Uponor tubing.

### Lead-free Brass (LF)

Our lead-free brass offering carries the NSF us-pw-G marking for lead-free compliance to meet state lead-level legislation and exceed the U.S. Safe Drinking Water Act. Combine these fittings with Uponor's PEX-a tubing, EP offering and ProPEX Out-of-the-Wall for the industry's first complete lead-free plumbing system from inlet to faucet. Uponor's lead-free brass is approved for direct burial in soil as well as concrete slabs.

### Red Brass

Our red brass fittings feature less than 15% zinc, which provides enhanced resistance to dezincification. Red brass fittings are also safe for direct burial in soil in accordance with Uponor installation guidelines.

### Brass

Uponor's yellow (also called 360) brass products offer all the benefits professionals have come to expect from a standard brass plumbing and radiant product. Uponor's yellow brass offering features ProPEX connections for a solid, leak-resistant union without the need for torches, glues, solvents or gauges.

### WIPEX Dezincification-resistant (DZR) Brass

Available in sizes 1" to 4", Uponor's WIPEX fittings are made from a dezincification-resistant brass that offers added resilience in direct-burial applications. WIPEX fittings require the use of a chamfering tool, WIPEX Sleeve Pliers and a wrench to make strong, durable connections in a matter of minutes.

*\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.*

A ProPEX Ring is required to make a ProPEX connection. The 1/2", 3/4" and 1" rings include a leading edge chamfer and integral stop edge to further simplify the use of ProPEX fittings.

## ProPEX Rings



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4690302	ProPEX Ring, 3/8"	50	\$0.24
Q4690512	ProPEX Ring with Stop, 1/2"	50	\$0.24
Q4690756	ProPEX Ring with Stop, 3/4"	50	\$0.35
Q4680625	ProPEX Ring, 5/8"	50	\$0.45
<b>NEW</b> Q4691000	ProPEX Ring with Stop, 1"	50	\$1.08
Q4681250	ProPEX Ring, 1 1/4"	10	\$1.24
Q4681500	ProPEX Ring, 1 1/2"	5	\$1.61
Q4682000	ProPEX Ring, 2"	10	\$2.90

# Uponor Radiant Heating and Cooling Systems

## ProPEX Coupling



ProPEX EP, Lead-free (LF) Brass, Red Brass and Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	25	\$1.42
<b>NEW</b> LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$8.93
<b>NEW</b> V4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$5.05
◀ Q4543850	ProPEX Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$1.65
Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.37
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.25
Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.92
Q4776363	ProPEX EP Coupling, 5/8" PEX x 5/8" PEX	10	\$2.85
Q4546363	ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	25	\$7.20
Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$1.88
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$8.35
◀ G4547575	ProPEX DZR Brass Coupling, 3/4" PEX x 3/4" PEX	10	\$2.50 <b>\$</b>
Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	10	\$6.53
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$12.92
Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$2.61
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$15.17
◀ Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	10	\$2.35
Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	10	\$5.35
Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	10	\$5.55
Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	10	\$6.30
Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	10	\$6.40
◀ G4541507	ProPEX DZR Brass Coupling, 1 1/2" PEX x 3/4" PEX	10	\$6.10 <b>\$</b>
Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	10	\$6.50
Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	10	\$6.60
Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	10	\$6.75
Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$40.00
◀ Q4542015	ProPEX Brass Coupling, 2" PEX x 1 1/2" PEX	5	\$45.00 <b>\$</b>
Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$47.50
◀ Q4542020	ProPEX Brass Coupling, 2" PEX x 2" PEX	5	\$55.40 <b>\$</b>
◀ G4542020	ProPEX DZR Brass Coupling, 2" PEX x 2" PEX	5	\$55.35 <b>\$</b>

**\$** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

ProPEX LF Brass to Polyethylene (PE) Coupling transitions black PE tubing to Uponor PEX tubing. Product does not include hose clamps for the PE side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX LF Brass to Polyethylene (PE) Coupling



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	10	\$25.88

ProPEX LF Brass to Polybutylene (PB) Coupling transitions PB tubing to Uponor PEX tubing. Product does not include the crimp ring for the PB side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX LF Brass to Polybutylene (PB) Coupling



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	25	\$9.45
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$15.75

ProPEX EP, LF Brass and Brass Elbows make tight, 90-degree connections for Uponor PEX tubing in supply and return mains.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Elbow



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$1.94
Q4710625	ProPEX Brass Elbow, 5/8" PEX x 5/8" PEX	25	\$6.85
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.37
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$10.67
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$5.96
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	17.22
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	10	\$10.60
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	10	\$13.46
◀ G4711500	ProPEX DZR Brass Elbow, 1 1/2" PEX x 1 1/2" PEX	10	\$12.80
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$69.00
◀ Q4712000	ProPEX Brass Elbow, 2" PEX x 2" PEX	5	\$78.10

**S** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## ProPEX LF Brass Elbow with MIP



ProPEX LF Brass or Brass Elbow with MIP makes 90-degree connections for 1/2" Uponor AquaPEX tubing to 1/2" or 3/8" male NPT thread.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	25	\$12.54
Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	25	\$7.88

## ProPEX Tee



ProPEX EP, LF Brass and Brass Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$2.87
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$8.80
Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.30
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$14.30
Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$6.93
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$26.40
◀ Q4701010	ProPEX Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$4.40 <b>\$</b>
Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	10	\$12.00
◀ G4701250	ProPEX DZR Brass Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	10	\$11.50 <b>\$</b>
Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	10	\$16.07
◀ G4701500	ProPEX DZR Brass Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	10	\$15.25 <b>\$</b>
Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$80.00
◀ Q4702000	ProPEX Brass Tee, 2" PEX x 2" PEX x 2" PEX	5	\$96.25 <b>\$</b>

**\$** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Radiant Heating and Cooling Systems

ProPEX EP, LF Brass and Brass Reducing Tees make diverting connections for Uponor PEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Reducing Tee



Part No.	Part Description	Pkg. Qty.	List Price/Ea.	
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$7.56	
◀ Q4705575	ProPEX Brass Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$5.95	\$
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.37	
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$3.42	
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$3.07	
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$14.30	
<b>NEW</b> Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 5/8" PEX	10	\$4.95	
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$13.18	
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$23.10	
◀ Q4707710	ProPEX Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$8.85	\$
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$6.98	
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$26.40	
◀ Q4701775	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$3.85	\$
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$7.12	
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$26.40	
◀ Q4701751	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$4.60	\$
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$6.93	
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$26.40	
◀ Q4701150	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$4.05	\$
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$6.93	
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$26.40	
◀ Q4701175	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$4.40	\$
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	10	\$9.50	
◀ G4701317	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	10	\$9.00	\$
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	10	\$11.08	
◀ G4701311	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	10	\$10.55	\$
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	10	\$11.13	
◀ G4701337	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	10	\$10.60	\$
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	10	\$11.50	

\$ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Reducing Tee



Part No.	Part Description	Pkg. Qty.	List Price/Ea.	
G4701331	ProPEX DZR Brass Reducing Tee, 1¼" PEX x 1¼" PEX x 1" PEX	10	\$10.95	\$
Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	10	\$13.34	
Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	10	\$13.34	
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	10	\$15.25	
G4701537	ProPEX DZR Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	10	\$14.50	\$
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	10	\$15.80	
G4701531	ProPEX DZR Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	10	\$15.00	\$
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	10	\$16.80	
G4701533	ProPEX DZR Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	10	\$15.95	\$
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	10	\$14.06	
G4701557	ProPEX DZR Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	10	\$13.65	\$
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	10	\$14.75	
G4701551	ProPEX DZR Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	10	\$14.00	\$
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	10	\$15.20	
G4701553	ProPEX DZR Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	10	\$14.40	\$
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$70.00	
Q4702575	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	5	\$88.35	\$
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$65.00	
Q4702051	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	5	\$73.90	\$
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$79.00	
Q4702053	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	5	\$88.35	\$
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$85.80	
Q4702055	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	5	\$95.95	\$
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$80.00	
Q4702275	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	5	\$80.85	\$
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$70.00	
Q4702210	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1" PEX	5	\$79.25	\$
Q4752213	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1¼" PEX	1	\$76.00	
Q4702213	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1¼" PEX	5	\$86.65	\$
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$70.00	
Q4702215	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	5	\$93.35	\$

\$ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

ProPEX EP and Brass Plugs permanently or temporarily terminate the end of Uponor PEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Plug



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4533838	ProPEX Brass Plug for 3/8" PEX	25	\$1.15
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$0.76
Q4536363	ProPEX Brass Plug for 5/8" PEX	25	\$7.90
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$1.25
Q4537575	ProPEX Brass Plug for 3/4" PEX	25	\$1.35 <span>\$</span>
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.61
Q4531000	ProPEX Brass Plug for 1" PEX	10	\$2.10 <span>\$</span>
Q4351250	ProPEX EP Plug for 1 1/4" PEX	10	\$10.00
Q4351500	ProPEX EP Plug for 1 1/2" PEX	10	\$15.00
Q4352000	ProPEX EP Plug for 2" PEX	10	\$26.00
Q4532000	ProPEX Brass Plug for 2" PEX	5	\$31.10 <span>\$</span>

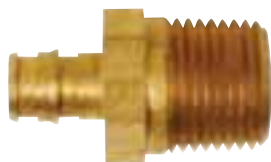
\$ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Adapters

### ProPEX Brass Male Threaded Adapter



ProPEX LF Brass and Brass Male Threaded Adapters connect Uponor AquaPEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$9.90
◀ Q4523850	ProPEX Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$4.80
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$4.96
V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$10.66
◀ Q4525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$3.88
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$12.10
◀ Q4525075	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$13.67
Q4526375	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$6.45
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.24
V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$32.81
◀ Q4527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.03
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$18.15
◀ Q4527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$13.67
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$18.15
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.96
◀ Q4521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$15.33
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$49.09
Q4521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$30.00
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$56.49
Q4521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$40.00
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$165.00
◀ Q4522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$81.56
◀ G4522020	ProPEX DZR Brass Male Threaded Adapter, 2" PEX x 2" NPT	5	\$50.00

**S** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

ProPEX LF Brass and Brass Female Threaded Adapters connect Uponor PEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Brass Female Threaded Adapters



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$11.55
Q4575050	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$5.09
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$16.50
Q4575075	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$16.95
Q4576375	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	10	\$15.50
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$11.44
Q4577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.48
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$38.50
Q4577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$20.42
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.33
Q4571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$12.88
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$52.34
Q4571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$35.00
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$88.00
Q4571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$43.00
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$203.50
Q4572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	5	\$88.00

**S** Price reduced

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## ProPEX Brass Sweat Adapters



ProPEX LF Brass, Red Brass and Brass Sweat Adapters transition Uponor AquaPEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$7.70
◀ Q4513850	ProPEX Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$3.35
LF4515050	ProPEX LF Brass Adapter, 1/2" PEX x 1/2" Copper	25	\$3.58
V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$10.66
◀ Q4515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$3.10
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$7.02
◀ Q4515075	ProPEX Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$4.99
Q4516350	ProPEX Brass Sweat Adapter, 5/8" PEX x 1/2" Copper	10	\$5.75
Q4516375	ProPEX Brass Sweat Adapter, 5/8" PEX x 3/4" Copper	10	\$4.85
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$12.10
◀ Q4517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$6.53
LF4517575	ProPEX LF Brass Adapter, 3/4" PEX x 3/4" Copper	25	\$8.11
V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$21.97
◀ Q4517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$7.90
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$15.95
◀ Q4517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$12.58
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$13.66
V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$30.03
◀ Q4511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$12.70
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$34.98
V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$61.42
Q4511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.00
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$51.70
V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$67.58
Q4511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$33.00
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$148.50
◀ Q4512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$68.33

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Radiant Heating and Cooling Systems

ProPEX LF Brass, Red Brass and Brass Fitting Adapters transition Uponor PEX tubing to copper fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Brass Fitting Adapters



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.51
V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$10.01
Q4505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.04
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.62
Q4505075	ProPEX Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$6.99
Q4506350	ProPEX Brass Fitting Adapter, 5/8" PEX x 1/2" Copper	10	\$6.75
Q4506375	ProPEX Brass Fitting Adapter, 5/8" PEX x 3/4" Copper	10	\$7.10
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$10.18
Q4507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$7.47
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$7.45
V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$19.84
Q4507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$6.44
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.50
Q4507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.95
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$13.38
Q4501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$15.17
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$32.14
Q4501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.00
G4501313	ProPEX DZR Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$7.70
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$51.43
Q4501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$33.00
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$148.50
Q4502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$60.62

\$

\$ Price reduced

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## Tubing Transition Fittings

### QS-style Coupling Nipple



The QS-style Coupling Nipple (brass) and the appropriate fitting assembly connect  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " or  $\frac{3}{4}$ " Uponor tubing together.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4322020	QS-style Coupling Nipple, R20 x R20	10	\$9.70
A4322525	QS-style Coupling Nipple, R25 x R25 (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$18.35

### QS-style Conversion Nipple



The QS-style Conversion Nipple (brass) and the appropriate fitting connect  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " or  $\frac{3}{4}$ " Uponor tubing to  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" NPT.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4322050	QS-style Conversion Nipple, R20 x $\frac{1}{2}$ " NPT	10	\$11.25
A4322075	QS-style Conversion Nipple, R20 x $\frac{3}{4}$ " NPT	10	\$11.75
A4322575	QS-style Conversion Nipple, R25 x $\frac{3}{4}$ " NPT (for $\frac{3}{4}$ " tubing only)	10	\$15.65
A4322510	QS-style Conversion Nipple, R25 x 1" NPT, (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$21.00

### QS-style Copper Adapter



Use R20 QS-style Copper Adapter (R20 or R25) and appropriate QS-style Fitting Assembly to transition Uponor PEX tubing to  $\frac{1}{2}$ " and  $\frac{3}{4}$ " copper pipe.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4332050	QS-style Copper Adapter, R20 x $\frac{1}{2}$ " Copper	10	\$9.30
A4332075	QS-style Copper Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$9.90
A4332575	QS-style Copper Adapter, R25 x $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$17.80

### QS-style Copper Fitting Adapter



Use R20 QS-style Copper Fitting Adapter and appropriate QS-style Fitting Assembly to transition Uponor PEX tubing to  $\frac{1}{2}$ " and  $\frac{3}{4}$ " copper fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4342050	QS-style Copper Fitting Adapter, R20 x $\frac{1}{2}$ " Copper	10	\$9.95
A4342075	QS-style Copper Fitting Adapter, R20 x $\frac{3}{4}$ " Copper	10	\$9.75
A4342575	QS-style Copper Fitting Adapter, R25 X $\frac{3}{4}$ " Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$17.90
A4342510	QS-style Copper Fitting Adapter, R25 X 1" Copper (for $\frac{3}{4}$ " and $\frac{5}{8}$ " tubing only)	10	\$9.55

### Repair Coupling



Use  $\frac{5}{16}$ " Repair Coupling for  $\frac{5}{16}$ " PEX x  $\frac{5}{16}$ " PEX.

**Note:** One-piece Repair Coupling comes as an assembly. No other fittings are necessary. For all other sizes of tubing, see ProPEX EP Coupling section on page 46. EP Couplings are suitable for direct burial.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4010313	$\frac{5}{16}$ " Repair Coupling	10	\$28.85

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Radiant Heating and Cooling Systems

## Baseboard Fittings

QS-style Baseboard Elbow (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing to 3/4" copper baseboard with the appropriate QS-style fitting assembly.

**Note:** QS-style Fitting Assembly is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4382075	QS-style Baseboard Elbow, R20 x 3/4" Copper Adapter	10	\$12.15
A4372075	QS-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	10	\$20.55

QS-style Baseboard Tee (brass) connects 1/2" and 5/8" Uponor PEX tubing to 3/4" copper baseboard (includes 1/8-inch threads for air vent).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A4392075	QS-style Baseboard Tee, R20 x 3/4" Copper Adapter	10	\$19.05

### QS-style Baseboard Elbow and Tee



ProPEX Baseboard Elbow (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing products to 3/4" copper baseboard.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	10	\$14.70
Q4386375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Adapter	10	\$14.70
Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	10	\$14.95
Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	10	\$11.55
Q4376375	ProPEX Baseboard Elbow, 5/8" PEX x 3/4" Copper Fitting Adapter	10	\$12.00
Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	10	\$13.15

### ProPEX Baseboard Elbow and Tee



ProPEX Baseboard Tee (brass) connects 1/2", 5/8" and 3/4" Uponor PEX tubing products to 3/4" copper baseboard (includes 1/8" threads for air vent). Air vent is not included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$15.30
Q4396375	ProPEX Baseboard Tee, 5/8" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$15.65
Q4397575	ProPEX Baseboard Tee, 3/4" PEX x 3/4" Copper Adapter with 1/8" vent tapping	10	\$13.95

**S** Price reduced

# Uponor Radiant Heating and Cooling Systems

## MLC Press Fittings

### MLC Press Fitting Brass Coupling



MLC Press Fitting Brass Coupling connects two pieces of MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4545050	MLC Press Fitting Brass Coupling, 1/2" MLC Tubing x 1/2" MLC Tubing	10	\$14.50
D4546363	MLC Press Fitting Brass Coupling, 5/8" MLC Tubing x 5/8" MLC Tubing	10	\$17.15
D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$17.60
D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	10	\$23.50

### MLC Press Fitting Brass Elbow



MLC Press Fitting Elbow makes 90-degree connections for MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4710625	MLC Press Fitting Brass Elbow, 5/8" MLC Tubing x 5/8" MLC Tubing	10	\$13.15
D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$19.05
D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	10	\$58.60

### MLC Press Fitting Brass Tee



MLC Press Fitting Brass Tee makes diverting connections for MLC tubing in supply and return mains.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4707575	MLC Press Fitting Brass Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 3/4" MLC Tubing	10	\$27.50
D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing x 1" MLC Tubing	10	\$33.60
D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	10	\$35.05
D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	10	\$32.60
D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	10	\$32.60

### MLC Press Fitting Brass Male Threaded Adapter



MLC Press Fitting Brass Male NPT Threaded Adapter connects MLC tubing to male NPT threads.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4525075	MLC Press Fitting Brass Male Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	10	\$22.45
D4526375	MLC Press Fitting Brass Male Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$19.55
D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$21.60
D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$24.00
D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$33.45

# Uponor Radiant Heating and Cooling Systems

MLC Press Fitting Brass Female NPT Threaded Adapter connects MLC tubing to female NPT threads.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4575075	MLC Press Fitting Brass Female Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	10	\$22.85
D4576375	MLC Press Fitting Brass Female Threaded Adapter, 5/8" MLC Tubing x 3/4" NPT	10	\$17.80
D4577575	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	10	\$20.70
D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	10	\$26.20
D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	10	\$42.50

## MLC Press Fitting Brass Female Threaded Adapter



MLC Press Fitting Brass Sweat Adapter transitions MLC tubing to copper pipe. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4515050	MLC Press Fitting Brass Sweat Adapter, 1/2" MLC Tubing x 1/2" Copper	10	\$14.05
D4515075	MLC Press Fitting Brass Sweat Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$10.20
D4516375	MLC Press Fitting Brass Sweat Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$19.10
D4517575	MLC Press Fitting Brass Sweat Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$22.05
D4517510	MLC Press Fitting Brass Sweat Adapter, 3/4" MLC Tubing x 1" Copper	10	\$17.65
D4511010	MLC Press Fitting Brass Sweat Adapter, 1" MLC Tubing x 1" Copper	10	\$19.25

## MLC Press Fitting Brass Sweat Adapter



MLC Press Fitting Brass Fitting Adapter transitions MLC tubing to copper fittings. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4505050	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 1/2" Copper	10	\$23.35
D4505075	MLC Press Fitting Brass Fitting Adapter, 1/2" MLC Tubing x 3/4" Copper	10	\$10.65
D4506375	MLC Press Fitting Brass Fitting Adapter, 5/8" MLC Tubing x 3/4" Copper	10	\$15.95
D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	10	\$13.85
D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	10	\$27.70
D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	10	\$19.50

## MLC Press Fitting Brass Fitting Adapter



# Uponor Radiant Heating and Cooling Systems

## MLC Press Fitting Manifold Adapter



MLC Press Fitting Manifold Adapter transitions R32 manifold connections to  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1" MLC tubing.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x $\frac{5}{8}$ " MLC	10	\$27.55
D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x $\frac{3}{4}$ " MLC	10	\$27.55
D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC	10	\$28.40
D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x $\frac{5}{8}$ " MLC	10	\$30.05
D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x $\frac{3}{4}$ " MLC	10	\$30.00
D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC	10	\$29.45

## MLC Press Fitting Baseboard Elbow



MLC Press Fitting Baseboard Elbow connects  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " MLC tubing to  $\frac{3}{4}$ " copper baseboard. Fittings come disassembled for sweating.

**Note:** The Mini-Press Battery Tool or MLC Press Fitting Manual Tool is required.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4385075	MLC Press Fitting Baseboard Elbow, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$24.95
D4386375	MLC Press Fitting Baseboard Elbow, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter with $\frac{1}{8}$ " vent tapping	10	\$22.40
D4387575	MLC Press Fitting Baseboard Elbow, $\frac{3}{4}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$22.40
D4375075	MLC Press Fitting Baseboard Elbow, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.75
D4376375	MLC Press Fitting Baseboard Elbow, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.75
D4377575	MLC Press Fitting Baseboard Elbow, $\frac{3}{4}$ " MLC Tubing x $\frac{3}{4}$ " Copper Fitting Adapter	10	\$21.75

## MLC Press Fitting Baseboard Tee



The MLC Press Fitting Baseboard Tee connects  $\frac{1}{2}$ " and  $\frac{5}{8}$ " MLC tubing to  $\frac{3}{4}$ " copper baseboard. Tee features  $\frac{1}{8}$ " thread for air vent. Fittings come disassembled for soldering.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
D4395075	MLC Press Fitting Baseboard Tee, $\frac{1}{2}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter	10	\$22.75
D4396375	MLC Press Fitting Baseboard Tee, $\frac{5}{8}$ " MLC Tubing x $\frac{3}{4}$ " Copper Adapter with $\frac{1}{8}$ " vent tapping	10	\$22.75



# Uponor Radiant Heating and Cooling Systems

## Heat-transfer Panels and Plates (Quik Trak® and Joist Trak™)

The ½" x 4' plywood panels are attached to an aluminum heat transfer sheet. Use with ⅝" Wirsbo hePEX tubing only. Uponor's fully assembled set of Quik Trak® panels consist of six panels fastened together with strapping tape. The panels are staggered (2") on both ends to aid alignment.

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A5060701	Quik Trak 7" x 48" Panels	-	10	\$16.85
A5060761	Quik Trak 7" x 48" x 6 Panels (fully assembled set)	1	-	\$115.50

### Quik Trak® Panel



Quik Trak Return Panel is designed with a U-shaped groove to complete tubing turns. Each return panel is shipped with a separate aluminum sheet for installation beneath the panel. Use with ⅝" Wirsbo hePEX tubing only.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5060702	Quik Trak 7" x 48" Return Panels	10	\$25.05

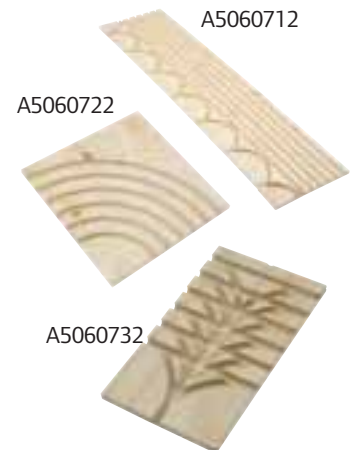
### Quik Trak Return Panel



Quik Trak Combo Panel simplifies installations when multiple tubing runs are needed in a tight space back to the manifold. Each panel is shipped with a separate aluminum sheet for installation beneath the panel. Use with ⅝" Wirsbo hePEX tubing only.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5060712	Quik Trak 12" x 48" Combo Panel, 6 runs with return	5	\$41.20
A5060722	Quik Trak 12" x 12" Combo 90, 6 runs	5	\$11.05
A5060732	Quik Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	6	\$11.15

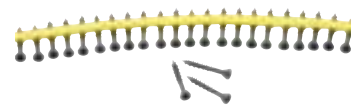
### Quik Trak Combo Panel



The 1¼" screws are designed specifically for Quik Trak installations using ¾" subfloors.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6051250	Quik Trak Screws (1¼"), 2,500/pkg.	1	\$215.60

### Quik Trak Screws



# Uponor Radiant Heating and Cooling Systems

## Quik Trak Sealant



Quik Trak Sealant is 100% silicone and provides good thermal transfer. Use to adhere 5/16" Wirsbo hePEX tubing in the Quik Trak groove.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$13.30

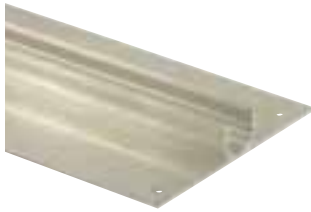
## Quik Trak Installation Tool Kit



The Quik Trak Installation Tool Kit is an auto-feed screw system that features labor-saving speed for Quik Trak installations. The easy-to-use screw gun is lightweight and the extension arm reduces fatigue. The kit includes 120VAC screw gun with vertical extension arm, square-head drive screw bits, bit retrieval tool and hard-sided case.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050000	Quik Trak Installation Tool Kit	1	\$999.75
E6050005	Quik Trak Bits and Tool (set of 3 square drive bits and 1 tool)	1	\$25.95

## Joist Trak™ Panel

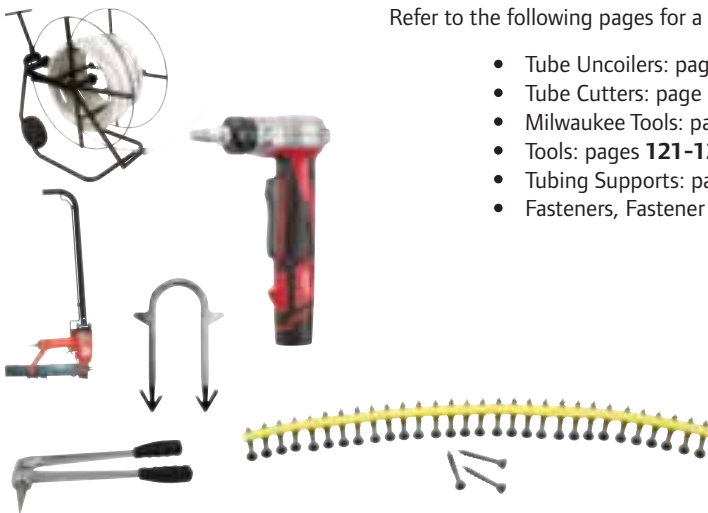


Use Joist Trak™ extruded aluminum heat transfer panels with 3/8" or 1/2" Uponor PEX in floor joist applications. Each panel is 4' x 4" and comes packaged 20 per box. It provides easy installation, increased heat transfer and superior comfort.

**Note:** Screws not included.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5080375	Joist Trak, 3/8" Heat Transfer Panel	20	\$12.60
A5080500	Joist Trak, 1/2" Heat Transfer Panel	20	\$14.50

Refer to the following pages for a full listing of tools and accessories.



- Tube Uncollers: page **119**
- Tube Cutters: page **120**
- Milwaukee Tools: page **121**
- Tools: pages **121-124**
- Tubing Supports: pages **125-126**
- Fasteners, Fastener Tools and Protectors: pages **127-130**



## Pre-insulated Pipe Systems





# Uponor Pre-insulated Pipe Systems



## Uponor Pre-insulated pipe systems — The Distribution Solution For hydronic heating, cooling and potable-water applications

### A Quality System

Uponor's pre-insulated pipe systems offer flexible, plastic distribution piping for a variety of hydronic heating, cooling and potable-water applications. Service pipes are made from either durable Engel-method crosslinked polyethylene (PEX-a) or high-density polyethylene (HDPE) — protected by multi-layered, closed-cell PEX-foam insulation and covered by a waterproof, corrugated HDPE jacket.

Lightweight and flexible, pre-insulated pipes install easily and quickly in commercial and residential applications — even over obstacles and around corners. For Ecoflex Thermal Single and Twin, a special oxygen-diffusion barrier on the Wirsbo hePEX service pipe's surface keeps oxygen from penetrating the tubing walls and from entering the circulating fluid.

### Superior Performance

A proven product with more than 90 million feet of pipe installed worldwide, Uponor's pre-insulated pipe systems provide consistent, uninterrupted performance. Virtually maintenance-free, callbacks are minimal which is especially important because the pipe is buried underground. With coil lengths available up to 600 feet, fewer underground joints are needed — resulting in seamless piping runs.

### Popular Applications

Uponor's pre-insulated pipe systems are used in commercial and residential applications — predominately in heating, cooling and potable-water systems for large-scale complexes, such as schools, colleges, resorts, hotels, hospitals, agricultural, correctional facilities and housing developments, as well as distribution piping for radiant heating and cooling, district heating and snow and ice melting systems.

Most recently, bio-gas, outdoor furnace and boiler contractors, as well as homeowners, depend on our product for a trouble-free, energy-efficient solution to piping underground when the heat source is located outside the home.

# Uponor Pre-insulated Pipe Systems

## Pre-insulated Pipe Systems (Ecoflex®) Reference Chart

ASTM PEX								
Potable PEX	5215510	5215513	5216915	5216920		5217930		
Potable PEX Twin	5226910	5226913	5226915	5227920				
Thermal Twin	5026910	5026913	5026915	5027920	5027925			
Thermal Single	5015510	5015513	5016915	5016920	5016925	5017930	5017935	5017940
Pipe Dimension	1"	1¼"	1½"	2"	2½"	3"	3½"	4"
OD (inch)	1.125	1.375	1.625	2.125	2.625	3.125	3.625	4.125
Wall thickness	0.125	0.153	0.181	0.236	0.292	0.347	0.403	0.458
Tolerance	0.013	0.015	0.019	0.024	0.030	0.033	0.035	0.040
ID (inch)	0.862	1.054	1.244	1.629	2.011	2.398	2.784	3.169

ASTM HDPE								
Potable HDPE	5112708	5112710	5115513	5115515	5115520		5116930	5117940
Pipe Dimension	¾"	1"	1¼"	1½"	2"		3"	4"
OD (inch)	1.050	1.315	1.660	1.900	2.375		3.500	4.500
Wall thickness	0.095	0.12	0.151	0.173	0.216		0.318	0.409
ID (inch)	0.86	1.075	1.358	1.554	1.943		2.86	3.68

## General Terms & Conditions

For specific details on Terms, Conditions, Pricing, Availability, Warranty or details regarding any of the following information, please contact either Midwest Distributors (Western Canada) or Isonor Inc. (Eastern Canada).

**Midwest Distributors**  
510 Ave. M South  
Saskatoon, SK S7M 2K9  
Tel: (306) 244-6622

**Isonor Inc.**  
7076 Regional Road #44 - RR #3  
Spencerville, ON K0E 1X0  
Tel: (613) 658-2212  
Toll-free: (866) 770-7071

## Ecoflex Uncoiler

The Ecoflex Uncoiler is available to lease for qualified orders. Ask your Uponor representative for details.



# Uponor Pre-insulated Pipe Systems

## ASTM Ecoflex Thermal

Ecoflex Thermal is a pre-insulated piping system designed for fluid transfer in heating and cooling applications. Ecoflex Thermal is manufactured with single and twin PEX service pipes. The Wirsbo hePEX service pipes in Ecoflex Thermal piping are manufactured by the Engel-method (PEX-a) process and are listed to ASTM F876 and F877. An oxygen diffusion barrier extruded onto the service pipe dramatically reduces the amount of oxygen molecules that can migrate through the tubing wall. This oxygen diffusion barrier protects ferrous components within the fluid pathway from corrosion. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications.

**Note:** Use ProPEX Fittings up to 2" or WIPEX Fittings.

### ASTM Ecoflex Thermal Single



Uponor's Ecoflex Thermal Single is now available in ASTM sizes. ASTM Ecoflex Thermal Single features Wirsbo hePEX tubing, listed to ASTM F876 and F877, and the ProPEX fittings (available up to 2") are listed to ASTM F1960 and F2080.

Part No.	Part Description	Full Coil Dimension	Full Coil Length	List Price/Ft.
5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	83" x 53"	600'	\$21.95
5015513	1¼" Thermal Single with 5.5" Jacket, 500-ft. coil	83" x 44"	500'	\$23.75
5016915	1½" Thermal Single with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$34.85
5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$39.60
5016925	2½" Thermal Single with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$44.15
5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	84" x 53"	300'	\$57.25
5017935	3½" Thermal Single with 7.9" Jacket, 300-ft. coil	84" x 53"	300'	\$64.25
5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	86" x 53"	300'	\$70.25

### ASTM Ecoflex Thermal Twin



Part No.	Part Description	Full Coil Dimension	Full Coil Length	List Price/Ft.
5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	93" x 64"	600'	\$27.95
5026913	1¼" Thermal Twin with 6.9" Jacket, 500-ft. coil	93" x 53"	500'	\$29.10
5026915	1½" Thermal Twin with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$39.60
5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	84" x 53"	300'	\$57.20
5027925	2½" Thermal Twin with 7.9" Jacket, 300-ft. coil	84" x 53"	300'	\$72.15



# Uponor Pre-insulated Pipe Systems

## ASTM Ecoflex Potable

ASTM Ecoflex Potable HDPE features high-density polyethylene (HDPE) service pipe in ASTM sizes. This pipe is the economical solution for pre-insulated distribution for chilled-water, cooling and low-temperature heating applications. The HDPE service pipe has no oxygen barrier on it and is manufactured in accordance with PE 3408 or PE 3608 or PE 4710, ASTM D3035 or F714 C3, AWWA C901 or C906, and NSF-61 or NSF-pw. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications. The HDPE service pipe used in Ecoflex Potable HDPE has the following hydrostatic ratings.

- 140°F at 80 psi
- 100°F at 125 psi
- 120°F at 101 psi
- 73°F at 160 psi

**Note:** ASTM Ecoflex Potable HDPE can use Uponor's selection of HDPE fittings in the Radiant Heating and Cooling Systems section (see page 28). Standard SDR 11 fittings from other manufacturers are also acceptable.

Part No.	Part Description	Full Coil Dimension	Full Coil Length	List Price/Ft.
5115513	1¼" Potable HDPE with 5.5" Jacket, 300-ft. coil	72" x 42"	300'	\$23.45
5115515	1½" Potable HDPE with 5.5" Jacket, 300-ft. coil	72" x 42"	300'	\$24.85
5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	72" x 42"	300'	\$28.95
5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$41.10
5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	86" x 53"	300'	\$52.60

### ASTM Ecoflex® Potable HDPE



ASTM Ecoflex Potable PEX Single is a pre-insulated piping system designed for potable-water distribution applications. Ecoflex Potable PEX Single is manufactured with single service pipes. The Uponor AquaPEX service pipes in Ecoflex Potable PEX piping are manufactured by the Engel-method (PEX-a) process and are listed to ASTM F876 and F877. The tubing is surrounded by multi-layer, closed-cell, PEX-foam insulation and a water-resistant, corrugated HDPE jacket, making it ideal for direct-burial applications. Ecoflex Potable PEX uses ProPEX Fittings up to 2" or WIPEX Fittings.

### Codes and Standards

Codes: UPC; IPC; NS PC; NPC of Canada

Manufacturing Standards: ASTM F876; ASTM F877; CSA B137.5 Product Listings: NSF -pw, PEX 5006

Part No.	Part Description	Full Coil Dimension	Full Coil Length	List Price/Ft.
5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	83" x 53"	600'	\$21.95
5215513	1¼" Potable PEX with 5.5" Jacket, 500-ft. coil	83" x 44"	500'	\$23.75
5216915	1½" Potable PEX with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$34.85
5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	78" x 49"	300'	\$39.60
5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	84" x 53"	300'	\$54.35

### ASTM Ecoflex® Potable PEX Single



Part No.	Part Description	Full Coil Length	List Price/Ea.
C1001250	Ecoflex Potable Plus 1¼"	328'	\$38.40
C3001000	Heat-trace Accessory Kit	-	\$356.40

### Ecoflex® Potable Plus



# Uponor Pre-insulated Pipe Systems

## Ecoflex Made-to-order

Uponor now offers a made-to-order Twin option for Ecoflex pre-insulated pipe systems. Ecoflex Potable PEX Twin products are available and made-to-order with a 4-week lead time on standard orders. General terms and conditions apply.

### ASTM Ecoflex Potable PEX Twin



Ideal for hot and cold potable-water applications, ASTM Ecoflex Potable PEX Twin features Uponor AquaPEX (PEX-a) service pipe protected by multi-layer, closed-cell PEX-foam insulation and covered by a corrugated, water-resistant HDPE jacket. Ecoflex Potable PEX uses ProPEX fittings (up to 2") or WIPEX DZR brass compression fittings.

#### Codes and Standards

Codes: UPC; IPC; NS PC; NPC of Canada

Manufacturing Standards: ASTM F876; ASTM F877; CSA B137.5 Product Listings: NSF -pw, PEX 5006

	Part No.	Part Description	Coil Dimension	Full Coil Length	List Price/Ft.
<b>NEW</b>	5226910	1" Potable PEX Twin with 6.9" Jacket, 600 ft. coil	93" x 64"	600'	\$27.95
<b>NEW</b>	5226913	1¼" Potable PEX Twin with 6.9" Jacket, 500 ft. coil	93" x 53"	500'	\$29.05
<b>NEW</b>	5226915	1½" Potable PEX Twin with 6.9" Jacket, 300 ft coil	78" x 49"	300'	\$39.55
<b>NEW</b>	5227920	2" Potable PEX Twin with 7.9" Jacket, 300 ft coil	86" x 53"	300'	\$57.20

## Fittings

### ASTM WIPEX Fittings



WIPEX dezincification-resistant (DZR) brass compression fittings transition PEX service pipe to a male NPT thread for a watertight, leak-resistant system.

**Note:** NSF 14 and 61 approved.

Part No.	Part Description	Each Qty.	List Price/Ea.
5550010	WIPEX Fitting 1" PEX x 1" NPT	1	\$69.80
5550013	WIPEX Fitting 1¼" PEX x 1¼" NPT	1	\$76.15
5550015	WIPEX Fitting 1½" PEX x 1½" NPT	1	\$100.75
5550020	WIPEX Fitting 2" PEX x 2" NPT	1	\$135.20
5550025	WIPEX Fitting 2½" PEX x 2" NPT	1	\$182.95
5550030	WIPEX Fitting 3" PEX x 2½" NPT	1	\$365.65
5550035	WIPEX Fitting 3½" PEX x 3" NPT	1	\$400.70
5550040	WIPEX Fitting 4" PEX x 4" NPT	1	\$505.20

### WIPEX Sleeve Pliers



WIPEX Sleeve Pliers quickly and easily install Uponor's WIPEX Fittings.

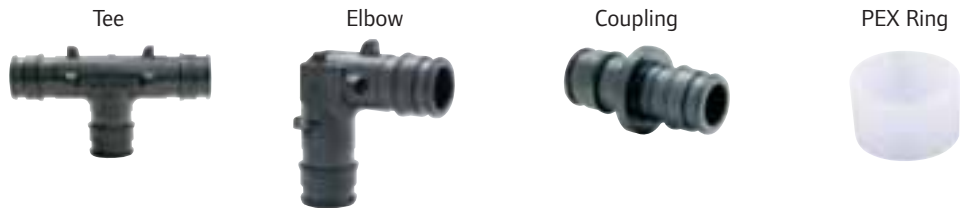
Part No.	Part Description	Each Qty.	List Price/Ea.
5550101	WIPEX Sleeve Pliers 1"-1½"	1	\$97.45
5550102	WIPEX Sleeve Pliers 1½"-3½"	1	\$110.50
5550103	WIPEX Sleeve Pliers 3½"-4"	1	\$175.95

# Uponor Pre-insulated Pipe Systems

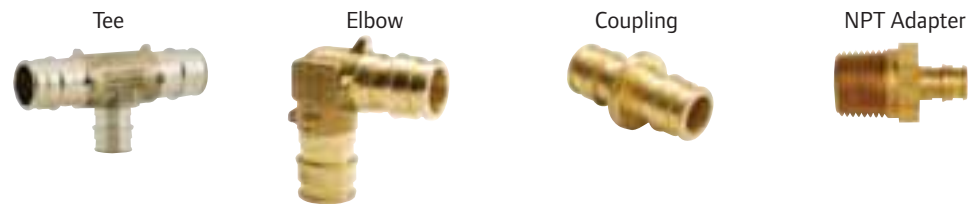
See the Radiant Heating and Cooling Systems section, pages 45-55, for an assortment of ProPEX fittings that are compatible with ASTM Ecoflex Thermal and ASTM Ecoflex Potable PEX products.

## ProPEX Fittings

### Engineered Plastic (EP)



### Lead-free Brass or Brass



## Rubber End Caps

EPDM Rubber End Caps seal the exposed insulation between the jacket and service pipe after the pipe is cut to make a connection. Each end cap includes a stainless-steel clamp and an EPDM rubber O-ring.

**Note:** Uponor requires end caps at all ends of the piping system to ensure system integrity.

ASTM Single EPDM End Caps are used with ASTM Ecoflex Thermal Single, ASTM Ecoflex Potable HDPE and ASTM Ecoflex Potable PEX Single.

Part No.	Part Description	Each Qty.	List Price/Ea.
5855513	End Cap, 1" and 1¼" PEX Pipe with 5.5" Jacket	1	\$84.95
5855520	End Cap, 1¼", 1½" and 2" HDPE Pipe with 5.5" Jacket	1	\$87.85
5856930	End Cap, 1½", 2", 2½" PEX and 3" HDPE Pipe with 6.9" Jacket	1	\$103.75
5857940	End Cap, 3", 3½", 4" PEX and 4" HDPE Pipe with 7.9" Jacket	1	\$113.35

### ASTM Single EPDM Rubber End Cap



ASTM Twin EPDM End Caps are used with ASTM Ecoflex Thermal Twin and ASTM Ecoflex Potable PEX Twin.

Part No.	Part Description	Each Qty.	List Price/Ea.
5956915	Twin End Cap, 1", 1¼" and 1½" PEX Pipe with 6.9" Jacket	1	\$128.65
5957925	Twin End Cap, 2" and 2½" PEX Pipe with 7.9" Jacket	1	\$160.60

### ASTM Twin EPDM Rubber End Cap



# Uponor Pre-insulated Pipe Systems

## Accessories

### Connection Vault



Connection Vault provides a fully watertight, insulated enclosure for multiple straight-through and branch connections. Buried underground, a Connection Vault allows the system designer to virtually eliminate all branch connections typical of traditional underground system design. Step-down outlets are compatible with the majority of Ecoflex piping.

Part No.	Part Description	Each Qty.	List Price/Ea.
1018326	Ecoflex Connection Vault, 6 outlet	1	\$2,256.00
1018327	Ecoflex Connection Vault, 8 outlet	1	\$2,866.50

### Shrink Sleeve for Connection Vault



Shrink Sleeve ensures a watertight seal between the Ecoflex pipe and the exterior of the Connection Vault. Shrink Sleeve may also repair minor damage to the corrugated HPDE Jacket of Ecoflex pipe.

**Note:** Refer to the Pre-insulated Pipe Design Systems and Installation Manual for installation and repair procedures.

Part No.	Part Description	Each Qty.	List Price/Ea.
1018379	Vault Shrink Sleeve for 5.5" Jacket	1	\$90.70
1018380	Vault Shrink Sleeve for 6.9" Jacket	1	\$97.60
1018381	Vault Shrink Sleeve for 7.9" Jacket	1	\$100.25

### Shrinkable Repair Tape



Uponor Shrinkable Tape repairs minor damage to the corrugated HPDE jacket of Ecoflex pipe.

**Note:** Refer to the Pre-insulated Pipe Design Systems and Installation Manual for installation and repair procedures.

Part No.	Part Description	Each Qty.	List Price/Ea.
1018378	Uponor Shrinkable Tape 10" x 9' roll	1	\$155.60

# Uponor Pre-insulated Pipe Systems

## Insulation Kits

All Pre-insulated Pipe Systems Insulation Kits make insulated connections of single or twin-style Ecoflex pre-insulated pipe with a jacket size of 5.5", 6.9" and 7.9". The kits feature two shells, stainless-steel bolts, plastic pins and joint sealing compound.

**Note:** Uponor fittings and EPDM Rubber End Caps are required at all ends of the piping system to ensure system integrity.

The Straight Insulation Kit makes an insulated straight connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Each Qty.	List Price/Ea.
1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	1	\$726.00

### Straight Insulation Kit



The Elbow Insulation Kit makes an insulated elbow connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Each Qty.	List Price/Ea.
1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	1	\$775.20

### Elbow Insulation Kit



The Tee Insulation Kit makes an insulated tee connection of single or twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Each Qty.	List Price/Ea.
1021990	Tee Insulation Kit, 5.5", 6.9", 7.9"	1	\$862.80

### Tee Insulation Kit



The H-Insulation Kit allows for several options of insulated connections between four or five branches of single and twin-style Ecoflex pre-insulated pipe.

Part No.	Part Description	Each Qty.	List Price/Ea.
1007355	H-Insulation Kit, 5.5", 6.9", 7.9"	1	\$1,454.40

### H-Insulation Kit



# Uponor Pre-insulated Pipe Systems

## Wall-penetration Accessories

### Wall Sleeve with Heat Shrink Seal Kit



The Wall Sleeve with Heat Shrink Seal Kit offers a simple installation for new-block construction or an existing wall with an irregular hole. The Wall Sleeve is not engineered for specific bearing loads, but offered for installation convenience and compatibility.

Part No.	Part Description	Each Qty.	List Price/Ea.
1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	1	\$261.85
1018270	Wall Sleeve with Heat Shrink for 6.9" Jacket	1	\$268.60
1018268	Wall Sleeve with Heat Shrink for 7.9" Jacket	1	\$354.85

### Compression Wall Seal



The Compression Wall Seal is used with the Wall Sleeve or used alone where a field core drill is preferred. The required core drill size is specified in the table below.

Part No.	Part Description	Core Drill	Each Qty.	List Price/Ea.
1007360	Compression Wall Seal for 5.5" Jacket	8"	1	\$404.40
1007361	Compression Wall Seal for 6.9" Jacket	10"	1	\$454.85
1007362	Compression Wall Seal for 7.9" Jacket	10"	1	\$485.75

### Wall Sleeve



The Wall Sleeve is used with the Compression Wall Seal or Heat Shrink Seal Kit for new concrete walls. The Wall Sleeve can be field cut for proper fit within concrete forms. The Wall Sleeve is not engineered for specific bearing loads, but offered for installation convenience and compatibility.

Part No.	Part Description	Each Qty.	List Price/Ea.
1007365	Wall Sleeve for 5.5" Jacket	1	\$108.65
1007366	Wall Sleeve for 6.9" and 7.9" Jacket	1	\$146.40

# Uponor Pre-insulated Pipe Systems



## ASTM Accessory Applications Chart

Pipe					Insulation Kits			Wall Accessories		
Part Number	Service Pipe	Jacket Size	WIPEX Fitting	Rubber End Cap	Tee	Straight	Elbow	Compression Wall Seal	Wall Sleeve	Wall Sleeve Kit
<b>Thermal Single</b>										
5015510	1"	5.5"	5550010	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5015513	1¼"	5.5"	5550013	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5016915	1½"	6.9"	5550015	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5016920	2"	6.9"	5550020	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5016925	2½"	6.9"	5550025	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5017930	3"	7.9"	5550030	5857940	1021990	1021992	1021991	1007362	1007366	1018268
5017935	3½"	7.9"	5550035	5857940	1021990	1021992	1021991	1007362	1007366	1018268
5017940	4"	7.9"	5550040	5857940	1021990	1021992	1021991	1007362	1007366	1018268
<b>Thermal Twin</b>										
5026910	1"	6.9"	5550010	5956915	1021990	1021992	1021991	1007361	1007366	1018270
5026913	1¼"	6.9"	5550013	5956915	1021990	1021992	1021991	1007361	1007366	1018270
5026915	1½"	6.9"	5550015	5956915	1021990	1021992	1021991	1007361	1007366	1018270
5027920	2"	7.9"	5550020	5957925	1021990	1021992	1021991	1007362	1007366	1018268
5027925	2½"	7.9"	5550025	5957925	1021990	1021992	1021991	1007362	1007366	1018268
<b>Potable PEX</b>										
5215510	1"	5.5"	5550010	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5215513	1¼"	5.5"	5550013	5855513	1021990	1021992	1021991	1007360	1007365	1018269
5216915	1½"	6.9"	5550015	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5216920	2"	6.9"	5550020	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5217930	3"	7.9"	5550030	5857940	1021990	1021992	1021991	1007362	1007366	1018268
<b>Potable HDPE</b>										
5115513	1¼"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5115515	1½"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5115520	2"	5.5"	N/A	5855520	1021990	1021992	1021991	1007360	1007365	1018269
5116930	3"	6.9"	N/A	5856930	1021990	1021992	1021991	1007361	1007366	1018270
5117940	4"	7.9"	N/A	5857940	1021990	1021992	1021991	1007362	1007366	1018268



# Uponor Pre-insulated Pipe Systems

## ASTM Weights and Dimensions Chart

Part Number	Service Pipe	Jacket	Coil Length	Coil Diameter	Coil Width	Coil Weight	Weight Per Foot
<b>Thermal Single</b>							
5015510	1"	5.5"	600'	83"	53"	480 lbs.	0.80 lbs.
5015513	1¼"	5.5"	500'	83"	44"	400 lbs.	0.80 lbs.
5016915	1½"	6.9"	300'	78"	49"	438 lbs.	1.46 lbs.
5016920	2"	6.9"	300'	78"	49"	525 lbs.	1.75 lbs.
5016925	2½"	6.9"	300'	78"	49"	591 lbs.	1.97 lbs.
5017930	3"	7.9"	300'	84"	53"	840 lbs.	2.80 lbs.
5017935	3½"	7.9"	300'	84"	53"	894 lbs.	2.98 lbs.
5017940	4"	7.9"	300'	86"	53"	1,110 lbs.	3.70 lbs.
<b>Thermal Twin</b>							
5026910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5026913	1¼"	6.9"	500'	93"	53"	853 lbs.	1.71 lbs.
5026915	1½"	6.9"	300'	78"	49"	555 lbs.	1.55 lbs.
5027920	2"	7.9"	300'	84"	53"	804 lbs.	2.68 lbs.
5027925	2½"	7.9"	300'	84"	53"	1,020 lbs.	3.40 lbs.
<b>Potable HDPE</b>							
5115513	1¼"	5.5"	300'	72"	42"	300 lbs.	1.00 lbs.
5115515	1½"	5.5"	300'	72"	42"	300 lbs.	1.00 lbs.
5115520	2"	5.5"	300'	72"	42"	420 lbs.	1.40 lbs.
5116930	3"	6.9"	300'	78"	49"	720 lbs.	2.40 lbs.
5117940	4"	7.9"	300'	86"	53"	1,080 lbs.	3.60 lbs.
<b>Potable PEX Single</b>							
5215510	1"	5.5"	600'	83"	53"	480 lbs.	0.80 lbs.
5215513	1¼"	5.5"	500'	83"	44"	400 lbs.	0.80 lbs.
5216915	1½"	6.9"	300'	78"	49"	438 lbs.	1.46 lbs.
5216920	2"	6.9"	300'	78"	49"	525 lbs.	1.75 lbs.
5217930	3"	7.9"	300'	84"	53"	840 lbs.	2.80 lbs.
<b>Potable PEX Twin</b>							
5226910	1"	6.9"	600'	93"	64"	922 lbs.	1.54 lbs.
5226913	1¼"	6.9"	500'	93"	53"	853 lbs.	1.71 lbs.
5226915	1½"	6.9"	300'	78"	49"	555 lbs.	1.55 lbs.
5227920	2"	7.9"	300'	84"	53"	804 lbs.	2.68 lbs.

# Uponor Pre-insulated Pipe Systems

## Tools and Accessories

Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page **119**
- Tube Cutters: page **120**
- Milwaukee Tools: page **121**
- Tools: pages **121-124**
- Tubing Supports: pages **125-126**
- Fasteners, Fastener Tools and Protectors: pages **127-130**



## General Terms & Conditions

For specific details on Terms, Conditions, Pricing, Availability, Warranty or details regarding any of the following information, please contact either Midwest Distributors (Western Canada) or Isonor Inc. (Eastern Canada).

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510 Ave. M South  
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7076 Regional Road #44 - RR #3  
Spencerville, ON K0E 1X0  
Tel: (613) 658-2212  
Toll-free: (866) 770-7071

# Uponor Pre-insulated Pipe Systems

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## Residential Fire Sprinkler Systems

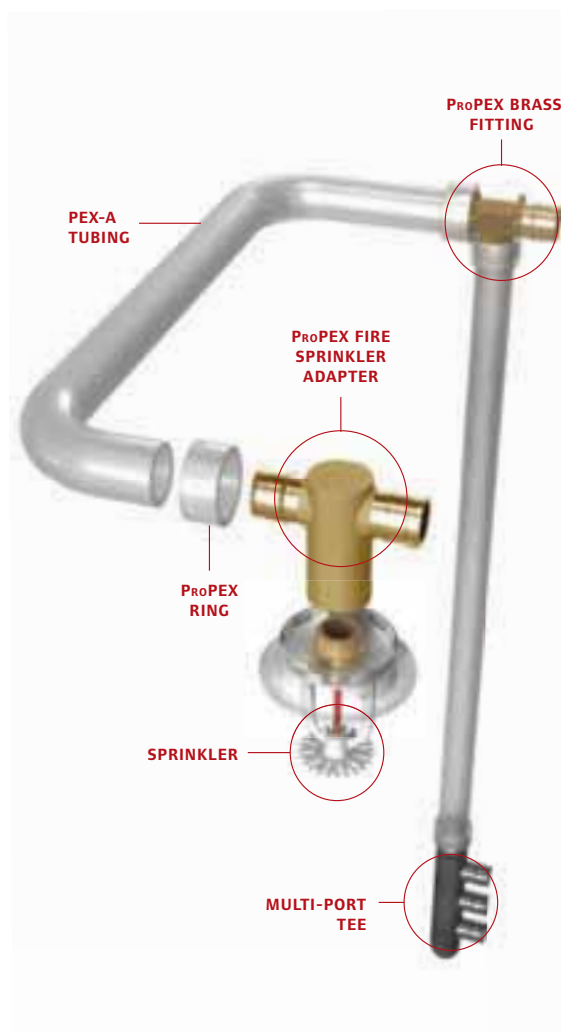
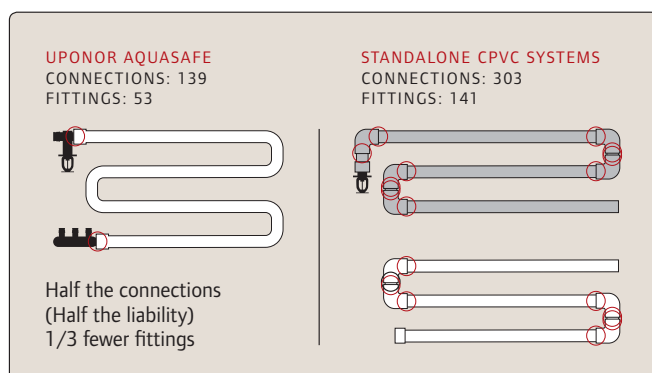
# Uponor Residential Fire Sprinkler Systems

## Uponor AquaSAFE™ Fire Sprinkler System

### FEATURES AND BENEFITS

- Multipurpose System: integrated plumbing and fire sprinklers
- Economical and easy add-on to plumbing system
- Fulfill IRC (International Residential Code) mandate and offer increased peace of mind
- Expand your business and income potential
- Full support and training from Uponor Fire Safety Team
- More freeze-resistant compared to CPVC
- Sprinklers tested every time a cold-water fixture is used

### CONNECTION AND FITTING USAGE COMPARISON



## Uponor AquaSAFE Multipurpose System

- Minimal connections
- Minimal use of tubing
- Non-stagnant system
- No expensive backflow preventer
- No annual maintenance
- No antifreeze

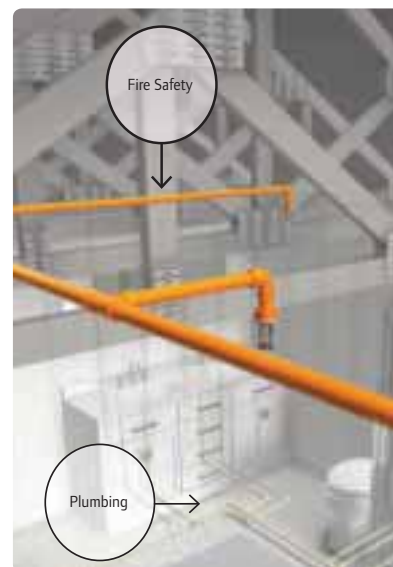
*139 ProPEX connections  
53 fittings*



## Standalone CPVC Fire and Separate Plumbing

- Many connections
- Dry-fit concerns
- Requires backflow preventer
- System sits untested
- Requires antifreeze

*303 connections  
141 fittings*



# Uponor Residential Fire Sprinkler Systems

## Uponor AquaPEX Non-barrier Tubing

Uponor AquaPEX tubing is used in hot and cold potable-water distribution systems as well as AquaSAFE residential fire sprinkler systems. It is also suitable for use in hydronic heating and cooling applications where the system contains no ferrous corrodible components or where any ferrous corrodible components are isolated from the tubing. Uponor AquaPEX tubing coils and straight lengths are available in red, white and blue coloring for potable-water applications, and purple coloring for water-reclamation applications.

Uponor AquaPEX is manufactured and listed to ASTM F876-09 and F877 as well as CSA B137.5. It is certified to NSF Standards 14 and 61 and is listed by the Hydrostatic Stress Board of PPI at 200°F at 80 psi, 180°F at 100 psi and 73.4°F at 160 psi. In addition, Uponor AquaPEX ½", ¾" and 1" tubing is also listed to UL 1821 and ULC/ORD C199P and carries an additional rating of 120°F at 130 psi.

The tubing is marked with the PEX 5006 designation as required by the most recent edition of ASTM F876-09, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F.

**Uponor AquaPEX Tubing Coil — White**



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$58.21
F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$174.64
F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$291.05
F1120500	½" Uponor AquaPEX White, 1000-ft. coil	8	\$582.14
F1040750	¾" Uponor AquaPEX White, 100-ft. coil	11	\$111.08
F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$333.25
F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$555.42
F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$189.55
F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$568.62
<b>NEW</b> F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$974.75

Part No.	Part Description	List Price/Ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	\$291.05
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	\$333.25
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	\$379.08

**Uponor AquaPEX Tubing Straight Length — White**



A ProPEX Ring is required to make a proper ProPEX connection. Rings are listed to UL 1821 and ULC/ORD C199P.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.24
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.35
<b>NEW</b> Q4691000	ProPEX Ring with Stop, 1"	50	\$1.08

**ProPEX Ring**





# Uponor Residential Fire Sprinkler Systems

## Looped Sprinkler Adapters

### ProPEX Lead-free (LF) Brass Fire Sprinkler Adapter



The ProPEX Lead-free Brass Fire Sprinkler Adapter connects residential fire sprinklers to Uponor AquaPEX tubing. Made of lead-free\* brass with ProPEX outlets, the adapter is NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Installation requires one Fire Sprinkler Adapter Mounting Bracket (A7750700) and one Push-on Nut (F7000005) for each Lead-free Brass Fire Sprinkler Adapter Tee (LF7707575 or LF7701010). Mount the bracket using #10 x 1½" screws (F7001500) or equivalent. ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF7707575*	ProPEX LF Brass Fire Sprinkler Adapter Tee, ¾" PEX x ¾" PEX x ½" FNPT	5	\$36.00
LF7701010*	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x ½" FNPT	5	\$39.00
A7750700	Fire Sprinkler Adapter Mounting Bracket, ¾" and 1"	5	\$8.80
F7001500	Screws, #10 x 1½", Pan Head, Full Thread, 100/pkg.	1	\$22.00
F7000005	Fire Sprinkler Adapter Push-on Nut, 25/pkg.	1	\$55.00

\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.

### ProPEX Stainless Steel Fire Sprinkler Adapter



The ProPEX Fire Sprinkler Adapter connects residential fire sprinklers to Uponor AquaPEX tubing. Made of stainless steel with ProPEX outlets, the adapter is NSF- and UL-listed for combined plumbing and fire sprinkler systems.

**Note:** ProPEX Rings sold separately. Sprinkler wrench required. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7517550	ProPEX Fire Sprinkler Adapter, ¾" PEX x ½" FNPT	5	\$59.40
Q7511050	ProPEX Fire Sprinkler Adapter, 1" PEX x ½" FNPT	5	\$60.50
Q7537550	ProPEX Fire Sprinkler Adapter Right Elbow, ¾" PEX x ½" FNPT	5	\$60.50
Q7531050	ProPEX Fire Sprinkler Adapter Right Elbow, 1" PEX x ½" FNPT	5	\$64.90
Q7547550	ProPEX Fire Sprinkler Adapter Left Elbow, ¾" PEX x ½" FNPT	5	\$60.50
Q7541050	ProPEX Fire Sprinkler Adapter Left Elbow, 1" PEX x ½" FNPT	5	\$64.90



# Uponor Residential Fire Sprinkler Systems

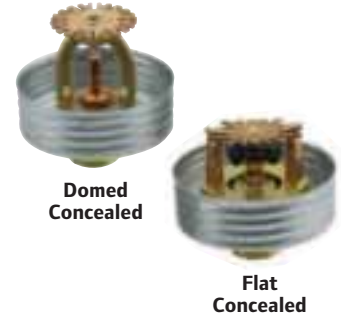
## Residential Fire Sprinklers

The Concealed Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. All sprinklers come complete with a plastic protective cap and cup. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Concealed Cover Plates sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. RFC or CCP sprinkler wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q73000CP	F1/Res 30 CCP (155°F) Domed Concealed Sprinkler	3.0	5	\$33.00
Q74300BR	RFC43 (165°F) Flat Concealed Sprinkler	4.3	5	\$50.00
Q74900FC	RFC49 (165°F) Flat Concealed Sprinkler	4.9	5	\$50.00
Q74900CP	F1/Res 49 CCP (155°F) Domed Concealed Sprinkler	4.9	5	\$33.00

### Concealed Sprinkler



The Recessed Pendent Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Protective plastic caps, escutcheons and tension collars (see page 84) sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. Recessed Sprinkler Wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q73000WH	F1/Res 30 (155°F) Recessed Pendent Sprinkler, White	3.0	5	\$33.00
Q73000BR	F1/Res 30 (155°F) Recessed Pendent Sprinkler, Bronze	3.0	5	\$33.00
Q73001WH	F1/Res 30 (175°F) Recessed Pendent Sprinkler, White*	3.0	5	\$33.00
Q73001BR	F1/Res 30 (175°F) Recessed Pendent Sprinkler, Bronze*	3.0	5	\$33.00
Q74900WH	F1/Res 49 (155°F) Recessed Pendent Sprinkler, White	4.9	5	\$33.00
Q74900BR	F1/Res 49 (155°F) Recessed Pendent Sprinkler, Bronze	4.9	5	\$33.00
Q74901WH	F1/Res 49 (175°F) Recessed Pendent Sprinkler, White*	4.9	5	\$33.00
Q74901BR	F1/Res 49 (175°F) Recessed Pendent Sprinkler, Bronze*	4.9	5	\$33.00

\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

**Special Finishes:** Chrome-plated, satin chrome, bright brass, black-plated, black-painted and off-white (Contact Uponor for extended delivery time and additional costs associated with special finishes.)

### Recessed Pendent Sprinkler



The Recessed Horizontal Sidewall Sprinkler threads onto Uponor's Fire Sprinkler Adapter Fitting. Sprinklers are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Protective plastic caps and escutcheons sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F. Recessed Sprinkler Wrench required to assemble sprinkler and adapter.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q74400WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler, White	4.4	5	\$33.00
Q74400BR	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler, Bronze	4.4	5	\$33.00
Q74401WH	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler, White*	4.4	5	\$33.00
Q74401BR	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler, Bronze*	4.4	5	\$33.00

\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

**Special Finishes:** Chrome-plated, satin chrome, bright brass, black-plated, black-painted and off-white (Contact Uponor for extended delivery time and additional costs associated with special finishes.)

### Recessed Horizontal Sidewall Sprinkler



# Uponor Residential Fire Sprinkler Systems

## Network Sprinkler Assemblies

### Recessed Pendent Sprinkler Assembly



The Recessed Pendent Sprinkler Assembly comes with the sprinkler threaded onto the stainless-steel multi-port fitting with ProPEX outlets. All assemblies come complete with a protective plastic cap and escutcheon. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q74955WH	F1/Res 49 (155°F) Recessed Pendent Sprinkler Assembly, White	4.9	5	\$93.50
Q74955BR	F1/Res 49 (155°F) Recessed Pendent Sprinkler Assembly, Bronze	4.9	5	\$102.30
Q74975WH	F1/Res 49 (175°F) Recessed Pendent Sprinkler Assembly, White*	4.9	5	\$95.70
Q74975BR	F1/Res 49 (175°F) Recessed Pendent Sprinkler Assembly, Bronze*	4.9	5	\$102.30

\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

**Special Finishes:** Chrome-plated, satin chrome, bright brass, black-plated, black-painted and off-white (Contact Uponor for extended delivery time and additional costs associated with special finishes.)

### Recessed Horizontal Sidewall Sprinkler Assembly



The Recessed Horizontal Sidewall Sprinkler Assembly comes with the sprinkler threaded onto the stainless-steel multi-port fitting with ProPEX outlets. All assemblies come complete with a protective plastic cap and escutcheon. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q74455WH	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler Assembly, White	4.4	5	\$93.50
Q74455BR	F1/Res 44 (155°F) Recessed Horizontal Sidewall Sprinkler Assembly, Bronze	4.4	5	\$102.30
Q74475WH	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler Assembly, White*	4.4	5	\$95.70
Q74475BR	F1/Res 44 (175°F) Recessed Horizontal Sidewall Sprinkler Assembly, Bronze*	4.4	5	\$102.30

\*Use 175°F sprinklers where the maximum ambient ceiling temperatures are between 101°F and 150°F.

**Special Finishes:** Chrome-plated, satin chrome, bright brass, black-plated, black-painted and off-white (Contact Uponor for extended delivery time and additional costs associated with special finishes.)

### Concealed Sprinkler Assembly



The Concealed Sprinkler Assembly comes with the sprinkler threaded onto Uponor's stainless-steel multi-port fitting with ProPEX outlets. All assemblies come complete with a plastic protective cap and cup. Sprinkler assemblies are NSF- and UL-approved for combined plumbing and fire sprinkler systems.

**Note:** Concealed Cover Plates sold separately. Do not store sprinkler assemblies where the ambient temperature will exceed 100°F.

Part No.	Part Description	K-factor	Pkg. Qty.	List Price/Ea.
Q74355CP	RFC43 (165°F) Flat Concealed Sprinkler Assembly	4.3	5	\$93.50
Q74955CP	F1/Res 49 CCP (155°F) Domed Concealed Sprinkler Assembly	4.9	5	\$102.30

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Residential Fire Sprinkler Systems

## Sprinkler Cabinets

This three-sprinkler cabinet allows installers to leave spare sprinklers in the home.

**Note:** Ensure extra sprinklers of each type used in the home are purchased separately and included in the cabinet.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q7503000	Sprinkler Cabinet without Sprinklers	1	\$80.30

### Sprinkler Cabinet



## Sprinkler Accessories

The Concealed Flat Cover Plate easily slides onto the RFC Concealed Sprinkler Assembly for a finished appearance. The flat cover plate completely hides the sprinkler from view. All cover plates detach from the sprinkler assembly when temperatures reach 135°F.

**Note:** Do not store cover plates in areas where the ambient temperature will exceed 100°F. **Cover plate must be used with the RFC43 or RFC49 concealed sprinkler.** Custom-painted cover plates are available upon request. Contact Uponor for pricing and shipping details.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q70643WH	Concealed Flat Cover Plate, White	5	\$26.00
Q70643BL	Concealed Flat Cover Plate, Black	5	\$44.00
Q70643CH	Concealed Flat Cover Plate, Chrome	5	\$44.00
Q70643BB	Concealed Flat Cover Plate, Bright Brass	5	\$44.00

### Concealed Flat Cover Plate



The Concealed Domed Cover Plate easily slides onto the CCP Domed Concealed Sprinkler for a finished appearance. The cover plate completely hides the sprinkler from view. All cover plates detach from the sprinkler assembly when temperatures reach 135°F.

**Note:** Do not store cover plates in areas where the ambient temperature will exceed 100°F. Cover plate must be used with the CCP domed concealed sprinkler. Custom-painted cover plates are available upon request. Contact Uponor for pricing and shipping details.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q70601WH	Concealed Domed Cover Plate, White	5	\$24.00
Q70601BL	Concealed Domed Cover Plate, Black	5	\$44.00
Q70601BR	Concealed Domed Cover Plate, Bronze	5	\$44.00
Q70601CH	Concealed Domed Cover Plate, Chrome	5	\$44.00
Q70601BB	Concealed Domed Cover Plate, Bright Brass	5	\$44.00

### Concealed Domed Cover Plate



◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Residential Fire Sprinkler Systems

## Recessed Escutcheon



Recessed Escutcheon provides a finished appearance. It comes complete with a tension collar, and is available in white or brass.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q71801WH	½" Recessed Escutcheon, White	25	\$8.25
Q71801BR	½" Recessed Escutcheon, Brass	25	\$13.20

**Special Finishes:** Chrome-plated, satin chrome, bright brass, black-plated, black-painted and off-white (Contact Uponor for extended delivery time and additional costs associated with special finishes.)

## Concealed Sprinkler Wrench for RFC (Flat Cover Plate)



This specially designed Concealed Sprinkler Wrench quickly and easily allows access to service Flat Plate (RFC) Concealed Sprinklers.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q7500300	Concealed Sprinkler Wrench for RFC43 or RFC49, Flat Cover Plate	1	\$176.00

## Concealed Sprinkler Wrench for CCP (Domed Cover Plate)



This specially designed Concealed Sprinkler Wrench quickly and easily allows access to service Domed Concealed Sprinklers.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q7500100	Concealed Sprinkler Wrench for CCP (Domed Cover Plate)	1	\$176.00

## Recessed Sprinkler Wrench



This specially designed Recessed Sprinkler Wrench quickly and easily allows access to service Recessed Sprinklers.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q7500200	Recessed Sprinkler Wrench	1	\$176.00

## Concealed Protective Cap



The Concealed Protective Cap (plastic) protects RFC or CCP sprinklers from dust, paint and other hazards that might damage the sprinkler during the finishing work. Remove the cap after all finishing work is complete.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7060050	Concealed Protective Cap, spare part	25	\$2.75

## Recessed Protective Cap



The Recessed Protective Cap (plastic) protects the sprinklers from dust, paint and other hazards that might damage the sprinkler during the finishing work. Remove the cap after all finishing work is complete.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7160050	Recessed Protective Cap, spare part	25	\$2.75

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Residential Fire Sprinkler Systems

## Manifolds and Fittings

ProPEX 1" Copper Branch Manifold has 1/2" ProPEX outlets brazed to manifold trunk. Sweat manifolds together to create the desired number of outlets. Do not exceed acceptable flow rates for 1" nominal copper. UL 1821-listed.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Each Qty.	List Price/Ea.
LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF Brass outlets, 4 outlets	1	\$65.47
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF Brass outlets, 6 outlets	1	\$89.03
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF Brass outlets, 8 outlets	1	\$112.46
LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF Brass outlets, 10 outlets	1	\$140.33
LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF Brass outlets, 12 outlets	1	\$172.41
Q2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX outlets, 12 outlets	1	\$65.90

**ProPEX 1" (type L) Copper Branch Manifold**



ProPEX LF Brass and Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.25
LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$8.35
LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$12.92
LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$15.17
Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	10	\$2.35

**ProPEX LF Brass and Brass Coupling**



**S** Price reduced

**◀** Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor Residential Fire Sprinkler Systems

## ProPEX Brass Elbow



ProPEX LF Brass Elbows make tight, 90-degree connections for Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$10.67
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$17.22

## ProPEX Brass Tee



ProPEX LF Brass and Brass Tees make diverting connections for Uponor AquaPEX tubing. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$8.80
LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$14.30
LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$26.40
Q4701010	ProPEX Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$4.40

## ProPEX Brass Reducing Tee



ProPEX LF Brass and Brass Reducing Tees make diverting connections for Uponor AquaPEX tubing. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$14.30
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$23.10
Q4707710	ProPEX Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$8.85
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$26.40
Q4701775	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$3.85
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$26.40
Q4701751	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$4.60
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$26.40
Q4701150	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$4.05
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$26.40
Q4701175	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$4.40

# Uponor Residential Fire Sprinkler Systems

ProPEX LF Brass and Brass Male Threaded Adapters connect Uponor AquaPEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX Brass Male Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.24
Q4527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.03
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.96
Q4521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$15.33

ProPEX LF Brass and Brass Female Threaded Adapters connect Uponor AquaPEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX LF Brass and Brass Female Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$11.44
Q4577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.48
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.33

ProPEX LF Brass and Brass Sweat Adapters transition Uponor AquaPEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. UL 1821-listed.

## ProPEX LF Brass and Brass Sweat Adapter



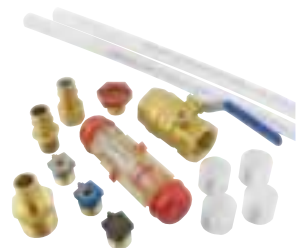
Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$8.11
Q4517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$7.90
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$13.66
Q4511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$12.70

## Test Equipment

The In-line Flow Test Kit performs a flow test to ensure proper system operation and flow. The kit contains two straight lengths of 3/4" Uponor AquaPEX tubing, four test orifices, a 1" ball valve, a flow meter, assorted hardware, and assembly and installation instructions.

**Note:** Perform a flow test on every system installed to ensure consistency with the system design.

## In-line Flow Test Kit



Part No.	Part Description	Each Qty.	List Price/Ea.
Q7602000	In-line Flow Test Kit	1	\$550.00
Q7602001	In-line Flow Meter, replacement part	1	\$385.00

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor Residential Fire Sprinkler Systems

## Test Orifice



The Test Orifice is used with the In-line Flow Test Kit. Use the appropriate orifice, as sprinklers vary in orifice size.

**Note:** Test orifices are color-coded for easy identification.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q7500030	Test Orifice for F1/Res 30 Sprinkler, 3.0 K-factor, white	5	\$27.50
Q7500040	Test Orifice for F1/Res 40 Sprinkler, 4.0 K-factor, gray	5	\$27.50
Q7500043	Test Orifice for RFC 43 Sprinkler, 4.3 K-factor, red	5	\$27.50
Q7500044	Test Orifice for F1/Res 44 Sprinkler, 4.4 K-factor, blue	5	\$27.50
Q7500049	Test Orifice for F1/Res 49 or RFC 49 Sprinkler, 4.9 K-factor, black	5	\$27.50

## Tools and Accessories



Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page **119**
- Tube Cutters: page **120**
- Milwaukee Tools: page **121**
- Tools: pages **121-124**
- Tubing Supports: pages **125-126**
- Fasteners, Fastener Tools and Protectors: pages **127-130**



## PEX-a Plumbing Systems

# Uponor PEX-a Plumbing Systems

## Uponor Logic Plumbing System

### Uponor Logic Plumbing Systems vs. Conventional Thinking

#### FEATURES AND BENEFITS

- Efficient use of time and materials
- No glues, torches or gauges necessary
- Fewer connections, flexible for tight bend radius
- Able to install in rain and high humidity conditions
- Visual connection, no dry-fit concerns
- Fast hot-water delivery potential
- Complete lead-free offering
- Full line of Multi-port Tees for ultimate design flexibility

#### FITTING AND TUBING USAGE COMPARISON

UPONOR LOGIC FITTINGS: 16



UPONOR LOGIC TUBING: 637'



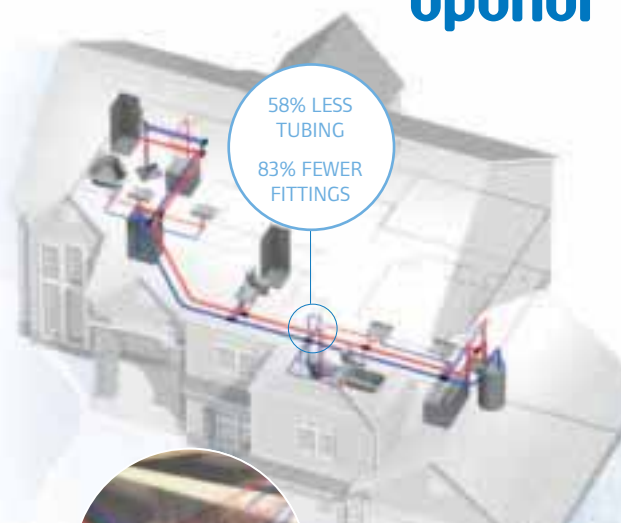
TRUNK-AND-BRANCH FITTINGS: 96



HOMERUN TUBING: 1,515'



**uponor**



58% LESS  
TUBING  
83% FEWER  
FITTINGS



**THE OPTIMAL  
DESIGN APPROACH**

Minimal connections  
Minimal use of tubing  
Quick delivery of hot water

637' Uponor AquaPEX tubing  
59 ProPEX connections  
16 fittings

### Trunk-and-branch Plumbing



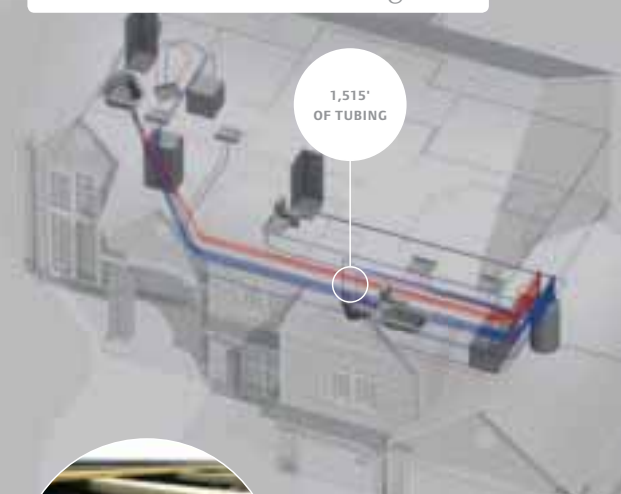
165  
CONNECTIONS



Many connections  
More time to install  
Higher potential for leakage  
Dry-fit concerns

540' Pipe (copper, CPVC, PEX)  
165 connections  
96 fittings

### Homerun Plumbing



1,515'  
OF TUBING



Minimal connections  
Inefficient use of tubing  
No consecutive-use hot water  
delivery benefit

1,515' Pipe  
48 connections  
10 fittings

# Uponor PEX-a Plumbing Systems

## ProPEX Fittings



Engineered Plastic (EP)



Lead-free Brass (LF)



Red Brass



Brass



WIPEX Dezincification-resistant (DZR) Brass

Uponor offers a comprehensive line of engineered plastic (EP), lead-free (LF) brass, red brass, standard yellow brass and WIPEX DZR brass fittings to effectively meet any residential or commercial plumbing or radiant application.

### Engineered Plastic (EP)

Uponor's engineered plastic (EP) is a high-performance thermoplastic material that has superior mechanical, chemical and thermal properties, which allow dimensional stability in demanding applications, including areas of high stress, heat and moisture. Uponor EP fittings are approved for direct burial in soil as well as concrete slabs. EP fittings carry the same ratings as Uponor tubing.

### Lead-free Brass (LF)

Our lead-free brass offering carries the NSF us-pw-G marking for lead-free compliance to meet state lead-level legislation and exceed the U.S. Safe Drinking Water Act. Combine these fittings with Uponor's PEX-a tubing, EP offering and ProPEX Out-of-the-Wall for the industry's first complete lead-free plumbing system from inlet to faucet. Uponor's lead-free brass is approved for direct burial in soil as well as concrete slabs.

### Red Brass

Our red brass fittings feature less than 15% zinc, which provides enhanced resistance to dezincification. Red brass fittings are also safe for direct burial in soil in accordance with Uponor installation guidelines.

### Brass

Uponor's yellow (also called 360) brass products offer all the benefits professionals have come to expect from a standard brass plumbing and radiant product. Uponor's yellow brass offering features ProPEX connections for a solid, leak-resistant union without the need for torches, glues, solvents or gauges.

### WIPEX Dezincification-resistant (DZR) Brass

Available in sizes 1" to 4", Uponor's WIPEX fittings are made from a dezincification-resistant brass that offers added resilience in direct-burial applications. WIPEX fittings require the use of a chamfering tool, WIPEX Sleeve Pliers and a wrench to make strong, durable connections in a matter of minutes.

\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.

## Uponor Lead-free Brass Fittings

Uponor's lead-free offering includes transition and various other fittings, manifolds, valves and wall boxes available in sizes up to 2", and all feature Uponor's unique ProPEX fitting system for strong, durable connections without the need for torches, glues, solvents or gauges. Uponor lead-free fittings replace DZR fittings and are safe for direct burial in soil in accordance with Uponor installation guidelines.

Please note you may experience some differences when soldering lead-free\* fittings. Here are some tips and techniques to follow.

- Because of the natural oxidative barrier of lead-free brass, a clean surface is imperative to help remove oxide films.
- Fluxing alone cannot substitute for adequate cleaning.
- Fluxing and soldering should be done immediately after cleaning as oxide films tend to reform quickly on the cleaned surfaces.
- Use only flux that contains chloride compounds.
- Use only lead-free solder, preferably a 95/5 mix of tin/antimony.
- Ensure uniform heating around the entire perimeter of the fitting/pipe juncture.
- Avoid excess heat.
- Cool the joint properly with a wet cloth immediately after soldering to speed the transfer of heat.

For further information on soldering lead-free brass, visit [www.uponorpro.com](http://www.uponorpro.com) or contact your authorized stocking distributor.

\*Per NSF Annex G, lead-free products contain no more than 0.25% weighted average lead content on wetted surfaces.

**Note:** The information contained herein is made available for use as an example for soldering techniques which may be used with Uponor lead-free brass products. However, the installer must take into account other variables involved with each particular installation, many of which cannot be foreseen or anticipated by Uponor. Neither Uponor nor any other agency or entities thereof, assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, product or process disclosed in this document.

# Uponor PEX-a Plumbing Systems

## Uponor AquaPEX Tubing

Uponor AquaPEX tubing is used in hot and cold potable-water distribution systems as well as AquaSAFE residential fire sprinkler systems. It is also suitable for use in hydronic heating and cooling applications where the system contains no ferrous corrodible components or where any ferrous corrodible components are isolated from the tubing. Uponor AquaPEX tubing coils and straight lengths are available in red, white and blue coloring for potable-water applications, and purple coloring for water-reclamation applications.

Uponor AquaPEX is manufactured and listed to ASTM F876-09 and F877 as well as CSA B137.5. It is certified to NSF Standards 14 and 61 and is listed by the Hydrostatic Stress Board of PPI at 200°F at 80 psi, 180°F at 100 psi and 73.4°F at 160 psi. In addition, Uponor AquaPEX ½", ¾" and 1" tubing is also listed to UL 1821 and ULC/ORD C199P and carries an additional rating of 120°F at 130 psi.

The tubing is marked with the PEX 5006 designation as required by the most recent edition of ASTM F876-09, indicating it exceeds ASTM F876 chlorine-resistance requirements for continuous-recirculation systems operating up to 140°F.

### Uponor AquaPEX Tubing Coil — White



	Part No.	Part Description	Coils/Pallet	List Price/Ea.
<b>NEW</b>	F1040250	¼" Uponor AquaPEX White, 100-ft. coil	50	\$43.70
<b>NEW</b>	F1090375	¾" Uponor AquaPEX White, 400-ft. coil	18	\$178.65
<b>NEW</b>	F1120375	¾" Uponor AquaPEX White, 1,000-ft. coil	12	\$446.65
	F1040500	½" Uponor AquaPEX White, 100-ft. coil	22	\$58.21
	F1060500	½" Uponor AquaPEX White, 300-ft. coil	18	\$174.64
	F1100500	½" Uponor AquaPEX White, 500-ft. coil	12	\$291.05
	F1120500	½" Uponor AquaPEX White, 1,000-ft. coil	8	\$582.14
	F1040750	¾" Uponor AquaPEX White, 100-ft. coil	11	\$111.08
	F1060750	¾" Uponor AquaPEX White, 300-ft. coil	12	\$333.25
	F1100750	¾" Uponor AquaPEX White, 500-ft. coil	8	\$555.42
	F1041000	1" Uponor AquaPEX White, 100-ft. coil	12	\$189.55
	F1061000	1" Uponor AquaPEX White, 300-ft. coil	5	\$568.62
<b>NEW</b>	F1101000	1" Uponor AquaPEX White, 500-ft. coil	6	\$947.75
	F1061250	1¼" Uponor AquaPEX White, 100-ft. coil	7	\$366.36
	F1021250	1¼" Uponor AquaPEX White, 300-ft. coil	2	\$1,099.11
	F1061500	1½" Uponor AquaPEX White, 100-ft. coil	7	\$430.76
	F1021500	1½" Uponor AquaPEX White, 300-ft. coil	2	\$1,292.29
	F1062000	2" Uponor AquaPEX White, 100-ft. coil	5	\$862.64
	F1052000	2" Uponor AquaPEX White, 200-ft. coil	3	\$1,725.28
	F1022000	2" Uponor AquaPEX White, 300-ft. coil	2	\$2,587.91
	F1063000	3" Uponor AquaPEX White, 100-ft. coil	1	\$1,200.00
	F1023000	3" Uponor AquaPEX White, 350-ft. coil	1	\$4,200.00

**Note:** 3" Uponor AquaPEX tubing uses WIPEX fittings (see page 68 for a listing of WIPEX fittings).



# Uponor PEX-a Plumbing Systems

**Note:** 3" Uponor AquaPEX tubing uses WIPEX fittings (see page 68 for a listing of WIPEX fittings).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F1930500	½" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	1	\$291.05
F1930750	¾" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	1	\$333.25
F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	1	\$379.08
F1921250	1¼" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$366.36
F1921500	1½" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$430.76
F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	1	\$862.64
F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 60 ft. (3 per bundle)	1	\$720.00

## Uponor AquaPEX Tubing Straight Length — White



The Uponor AquaPEX Expansion Joint offers a complete labor and cost savings solution for potable-plumbing systems requiring expansion joints to accommodate expansion and contraction in long tubing runs.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F8152000	2" Uponor AquaPEX Expansion Joint	1	\$54.00

## 2" Uponor AquaPEX Expansion Joint — White



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F2040500	½" Uponor AquaPEX Red, 100-ft. coil	22	\$58.21
F2060500	½" Uponor AquaPEX Red, 300-ft. coil	18	\$174.63
F2120500	½" Uponor AquaPEX Red, 1,000-ft. coil	8	\$582.10
F2040750	¾" Uponor AquaPEX Red, 100-ft. coil	11	\$111.08
F2060750	¾" Uponor AquaPEX Red, 300-ft. coil	12	\$333.25
F2100750	¾" Uponor AquaPEX Red, 500-ft. coil	8	\$555.42
F2041000	1" Uponor AquaPEX Red, 100-ft. coil	12	\$189.54
F2061000	1" Uponor AquaPEX Red, 300-ft. coil	5	\$568.62
F2101000	1" Uponor AquaPEX Red, 500-ft. coil	6	\$947.70

## Uponor AquaPEX Tubing Coil — Red



Part No.	Part Description	List Price/Ea.
F2930500	½" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	\$291.05
F2930750	¾" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	\$333.25
F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	\$379.08

## Uponor AquaPEX Tubing Straight Length — Red





# Uponor PEX-a Plumbing Systems

## Uponor AquaPEX Tubing Coil — Blue



Part No.	Part Description	Coils/Pallet	List Price/Ea.
F3040500	½" Uponor AquaPEX Blue, 100-ft. coil	22	\$58.21
F3060500	½" Uponor AquaPEX Blue, 300-ft. coil	18	\$174.63
F3120500	½" Uponor AquaPEX Blue, 1,000-ft. coil	8	\$582.10
F3040750	¾" Uponor AquaPEX Blue, 100-ft. coil	11	\$111.08
F3060750	¾" Uponor AquaPEX Blue, 300-ft. coil	12	\$333.25
F3100750	¾" Uponor AquaPEX Blue, 500-ft. coil	8	\$555.42
F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	12	\$189.54
F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	5	\$568.62
F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	6	\$947.70

## Uponor AquaPEX Tubing Straight Length — Blue



Part No.	Part Description	List Price/Ea.
F3930500	½" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	\$291.05
F3930750	¾" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	\$333.25
F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	\$379.08

## Uponor AquaPEX Reclaimed Water Tubing — Purple



Uponor AquaPEX Reclaimed Water tubing has an outer purple coating specifically designed for use in reclaimed or graywater distribution systems. Uponor AquaPEX Reclaimed Water tubing is available in coils, and is manufactured and listed to ASTM F876, F877 and CSA B137.5, certified to NSF Standard 14 for non-potable water applications.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1060502	½" Uponor AquaPEX Purple Reclaimed Water, 300 ft. coil	18	\$174.63
F1060752	¾" Uponor AquaPEX Purple Reclaimed Water, 300 ft. coil	12	\$333.25
F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300 ft. coil	5	\$568.54

## Pre-insulated Uponor AquaPEX Tubing Coil — White



Pre-insulated Uponor AquaPEX tubing features PEX-foam insulation to provide additional efficiency to hot and cold potable-water distribution systems. The tubing insulation can also help meet energy-code requirements. (Check with local authorities regarding energy-code requirements for specific applications.) Refer to the Uponor Pre-insulated AquaPEX Product Guide on [www.uponorpro.com/preinsaquaalex](http://www.uponorpro.com/preinsaquaalex) for R-value and heat-loss information.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F6040500	½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$300.00
F6040750	¾" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	3	\$350.00
F6041000	1" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$413.00
F6041250	1¼" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$621.00
F6041500	1½" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$706.00
F6042000	2" Pre-insulated Uponor AquaPEX with ½" insulation, 100-ft. coil	5	\$1,205.00

# Uponor PEX-a Plumbing Systems

Part No.	Part Description	List Price/Ea.
F6921250	Pre-insulated 1¼" Uponor AquaPEX with ½" Insulation, 20-ft. straight length, 100 ft. (5 per bundle)	\$621.00
F6921500	Pre-insulated 1½" Uponor AquaPEX with ½" Insulation, 20-ft. straight length, 100 ft. (5 per bundle)	\$706.00
F6922000	Pre-insulated 2" Uponor AquaPEX with ½" Insulation, 20-ft. straight length, 100 ft. (5 per bundle)	\$1,205.00

## Pre-insulated Uponor AquaPEX Tubing Straight Length — White



Pre-sleeved Uponor AquaPEX tubing is used in hot and cold potable-water distribution systems. The high-density polyethylene (HDPE) corrugated sleeve provides protection for installations in concrete slabs or soil, and allows for removal and replacement of the tubing if required.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1092500	½" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	4	\$363.42
F1091500	½" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	4	\$363.42
F1092750	¾" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	3	\$642.60
F1091750	¾" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	3	\$642.60

## Pre-sleeved Uponor AquaPEX Tubing



High-density Polyethylene (HDPE) Corrugated Sleeve is used in hot and cold potable-water distribution systems, primarily in commercial applications where the potable tubing is installed in the slab. Designed for use with ½" Uponor AquaPEX tubing, the sleeve provides protection during installation and allows for removal and replacement of the tubing if required.

Part No.	Part Description	Coils/Pallet	List Price/Ea.
F1035400	½" HDPE Corrugated Sleeve, Red, 400-ft. coil	4	\$150.00
F1055400	½" HDPE Corrugated Sleeve, Blue, 400-ft. coil	4	\$150.00

## HDPE Corrugated Sleeve



## ProPEX Fittings

A ProPEX Ring is required to make a ProPEX connection. The ½", ¾" and 1" rings now include a leading edge chamfer and integral stop edge to further simplify the use of ProPEX fittings.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> Q4690302	ProPEX Ring, ⅜"	50	\$0.24
Q4690512	ProPEX Ring with Stop, ½"	50	\$0.24
Q4690503	ProPEX Ring, ½" red	50	\$0.26
Q4690504	ProPEX Ring, ½" blue	50	\$0.26
Q4690756	ProPEX Ring with Stop, ¾"	50	\$0.35
Q4690753	ProPEX Ring, ¾" red	50	\$0.38
Q4690754	ProPEX Ring, ¾" blue	50	\$0.38
<b>NEW</b> Q4691000	ProPEX Ring with Stop, 1"	50	\$1.08
Q4691003	ProPEX Ring, 1" red	50	\$1.13
Q4691004	ProPEX Ring, 1" blue	50	\$1.13
Q4681250	ProPEX Ring, 1¼"	10	\$1.24
Q4681500	ProPEX Ring, 1½"	5	\$1.61
Q4682000	ProPEX Ring, 2"	10	\$2.90

## ProPEX Rings



# Uponor PEX-a Plumbing Systems

## EP Multi-port Tees

### EP Branch Multi-port Tee



EP Branch Multi-port Tee features  $\frac{3}{4}$ " or 1" ProPEX inlet with  $\frac{1}{2}$ " ProPEX branch outlets. The Multi-port Tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2237550	$\frac{3}{4}$ " EP Branch Multi-port Tee, 3 outlets	10	\$15.95
Q2247550	$\frac{3}{4}$ " EP Branch Multi-port Tee, 4 outlets	10	\$22.26
Q2267550	$\frac{3}{4}$ " EP Branch Multi-port Tee, 6 outlets	10	\$27.29
Q2261050	1" EP Branch Multi-port Tee, 6 outlets	10	\$28.09

### EP Flow-through Multi-port Tee



EP Flow-through Multi-port Tee features  $\frac{3}{4}$ " or 1" ProPEX inlets. All EP Flow-through Multi-ports have  $\frac{1}{2}$ " ProPEX branch outlets. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2227557	EP Flow-through Multi-port Tee, 2 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$15.12
Q2237557	EP Flow-through Multi-port Tee, 3 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$17.71
Q2247557	EP Flow-through Multi-port Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$21.61
Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x $\frac{3}{4}$ " ProPEX	10	\$23.77
Q2267557	EP Flow-through Multi-port Tee, 6 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$29.56
Q2261057	EP Flow-through Multi-port Tee, 6 outlets, 1" x $\frac{3}{4}$ " ProPEX	10	\$31.54
Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	10	\$32.41

### EP Flow-through Opposing-port Multi-port Tee



EP Flow-through Opposing-port Multi-port Tee features  $\frac{3}{4}$ " ProPEX inlets with opposing  $\frac{1}{2}$ " ProPEX branch outlets. These are designed for a central location to facilitate piping in two directions. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$16.70
Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$22.05
Q2367557	EP Flow-through Opposing-port Multi-port Tee, 6 outlets, $\frac{3}{4}$ " x $\frac{3}{4}$ " ProPEX	10	\$27.30

# Uponor PEX-a Plumbing Systems

EP Branch Opposing-port Multi-port Tee features a 3/4" ProPEX inlet with opposing 1/2" ProPEX branch outlets. These are designed for a central location to facilitate piping in two directions. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	10	\$16.38
Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	10	\$21.00
Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	10	\$27.30

## EP Branch Opposing-port Multi-port Tee



EP Flow-through Multi-port Vertical Tee features an integrated vertical 3/4" ProPEX tee with 1/2" ProPEX branch outlets. The Multi-port Tee is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2237757	EP Flow-through Multi-port Vertical Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$25.20
Q2247757	EP Flow-through Multi-port Vertical Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$27.83

## EP Flow-through Multi-port Vertical Tee



EP Flow-through Multi-port Horizontal Tee features an integrated horizontal 3/4" ProPEX tee with 1/2" ProPEX branch outlets. The Multi-port Tee is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2247577	EP Flow-through Multi-port Horizontal Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	10	\$27.30

## EP Flow-through Multi-port Horizontal Tee



EP Flow-through Multi-port Elbow features an integrated 3/4" ProPEX elbow with 1/2" ProPEX branch outlets. The elbow is designed for demanding slab-on-grade plumbing applications, and eliminates the need for multiple connections. The elbow is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2235577	EP Flow-through Multi-port Elbow, 3 outlets, 3/4" x 3/4" ProPEX	10	\$24.15
Q2245577	EP Flow-through Multi-port Elbow, 4 outlets, 3/4" x 3/4" ProPEX	10	\$26.78

## EP Flow-through Roll-out Multi-port Elbow



# Uponor PEX-a Plumbing Systems

## EP Branch Multi-port Elbow



EP Branch Multi-port Elbow features an integrated  $\frac{3}{4}$ " or 1" ProPEX elbow inlet with  $\frac{1}{2}$ " ProPEX branch outlets and mounting clips. The elbow is designed for commercial plumbing applications, and eliminates the need for multiple connections. The elbow is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2077550	$\frac{3}{4}$ " EP Branch Multi-port Elbow, 7 outlets with mounting clips	1	\$42.00
Q2087550	$\frac{3}{4}$ " EP Branch Multi-port Elbow, 8 outlets with mounting clips	1	\$44.10
Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	1	\$48.30

## EP Branch Multi-port Tee



EP Branch Multi-port Tee features an integrated  $\frac{3}{4}$ " or 1" ProPEX inlet with  $\frac{1}{2}$ " ProPEX branch outlets and mounting clips. The tee is designed for commercial plumbing applications, and eliminates the need for multiple connections. The tee is made of EP, which is proven in demanding hot-water applications.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2277550	$\frac{3}{4}$ " EP Branch Multi-port Tee, 7 outlets with mounting clips	1	\$37.80
Q2287550	$\frac{3}{4}$ " EP Branch Multi-port Tee, 8 outlets with mounting clips	1	\$39.90
Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	1	\$46.20
Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	1	\$50.40

# Uponor PEX-a Plumbing Systems

## ProPEX Fittings

ProPEX EP, LF Brass, Red Brass and Brass Couplings make PEX-to-PEX connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

### ProPEX Coupling



	Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b>	Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	25	\$1.42
<b>NEW</b>	LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$8.93
<b>NEW</b>	V4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$5.05
◀	Q4543850	ProPEX Red Brass Coupling, 3/8" PEX x 1/2" PEX	25	\$1.65
	Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	25	\$1.37
	LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	25	\$5.25
	Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	25	\$3.92
	Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	25	\$1.88
	LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	25	\$8.35
◀	G4547575	ProPEX DZR Brass Coupling, 3/4" PEX x 3/4" PEX	10	\$2.50 <b>\$</b>
	Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	25	\$6.53
	LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	10	\$12.92
	Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	10	\$2.61
	LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	10	\$15.17
◀	Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	10	\$2.35 <b>\$</b>
	Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	10	\$5.35
	Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	10	\$5.55
	Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	10	\$6.30
	Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	10	\$6.40
◀	G4541507	ProPEX DZR Brass Coupling, 1 1/2" PEX x 3/4" PEX	10	\$6.10 <b>\$</b>
	Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	10	\$6.50
	Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	10	\$6.60
	Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	10	\$6.75
	Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	1	\$40.00
◀	Q4542015	ProPEX Brass Coupling, 2" PEX x 1 1/2" PEX	5	\$45.00 <b>\$</b>
	Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	1	\$47.50
◀	Q4542020	ProPEX Brass Coupling, 2" PEX x 2" PEX	5	\$55.40 <b>\$</b>
◀	G4542020	ProPEX DZR Brass Coupling, 2" PEX x 2" PEX	5	\$55.35 <b>\$</b>

**\$** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor PEX-a Plumbing Systems

## ProPEX LF Brass to Polyethylene (PE) Coupling



ProPEX LF Brass to Polyethylene (PE) Coupling transitions black PE tubing to Uponor AquaPEX tubing. Product does not include hose clamps for the PE side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	10	\$25.88

## ProPEX LF Brass to Polybutylene (PB) Coupling



ProPEX LF Brass to Polybutylene (PB) Coupling transitions PB tubing to Uponor AquaPEX tubing. Product does not include the crimp ring for the PB side of the coupling.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4585050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	25	\$9.45
LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	25	\$15.75

## ProPEX Elbow



ProPEX EP, LF Brass and Brass Elbows make tight, 90-degree connections for Uponor AquaPEX tubing in supply and return mains.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	25	\$1.94
Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	25	\$2.37
LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	25	\$10.67
Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	10	\$5.96
LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	10	\$17.22
Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	10	\$10.60
Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	10	\$13.46
G4711500	ProPEX DZR Brass Elbow, 1 1/2" PEX x 1 1/2" PEX	10	\$12.80
Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	1	\$69.00
Q4712000	ProPEX Brass Elbow, 2" PEX x 2" PEX	5	\$78.10

## ProPEX Brass Elbow with MIP



ProPEX LF Brass or Brass Elbow with MIP makes 90-degree connections for 1/2" Uponor AquaPEX tubing to 1/2" or 3/8" male NPT thread.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4125050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	25	\$12.54
Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	25	\$7.88
Q4730500	ProPEX Brass Elbow, 1/2" PEX x 1/2" Male CU	25	\$6.52
Q4740500	ProPEX Brass Elbow, 1/2" PEX x 1/2" Male MIP/Female CU	25	\$6.51

# Uponor PEX-a Plumbing Systems

ProPEX Drop Ear LF Brass and Brass Elbows provide rigid, 90-degree connections and the ability to secure Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Drop Ear Brass Elbow



	Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b>	LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/8" FIP	25	\$15.70
	LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$13.17
	Q4235050	ProPEX Drop Ear Brass Elbow, 1/2" PEX x 1/2" FIP	25	\$8.00 <b>\$</b>
<b>NEW</b>	LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	4	\$27.90
<b>NEW</b>	LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	4	\$42.00
<b>◀</b>	Q4233850	ProPEX Drop Ear Brass Elbow, 3/8" PEX x 1/2" FIP	25	\$5.50

ProPEX EP, LF Brass and Brass Tees make diverting connections for Uponor AquaPEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Tee



	Part No.	Part Description	Pkg. Qty.	List Price/Ea.
	Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$2.87
	LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	25	\$8.80
	Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$3.30
	LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	25	\$14.30
	Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	10	\$6.93
	LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$26.40
<b>◀</b>	Q4701010	ProPEX Brass Tee, 1" PEX x 1" PEX x 1" PEX	10	\$4.40 <b>\$</b>
	Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	10	\$12.00
<b>◀</b>	G4701250	ProPEX DZR Brass Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	10	\$11.50 <b>\$</b>
	Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	10	\$16.07
<b>◀</b>	G4701500	ProPEX DZR Brass Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	10	\$15.25 <b>\$</b>
	Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	1	\$80.00
<b>◀</b>	Q4702000	ProPEX Brass Tee, 2" PEX x 2" PEX x 2" PEX	5	\$96.25 <b>\$</b>

**\$** Price reduced

**◀** Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## ProPEX Reducing Tee



ProPEX EP, LF Brass and Brass Reducing Tees make diverting connections for Uponor AquaPEX tubing in supply and return mains. Branch size is listed last in the part description.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.	
Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$7.56	
Q4705575	ProPEX Brass Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	25	\$5.95	\$
Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	25	\$3.37	
Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	25	\$3.42	
Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$3.07	
LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	25	\$14.30	
Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$13.18	
LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$23.10	
Q4707710	ProPEX Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	10	\$8.85	\$
Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$6.98	
LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$26.40	
Q4701775	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	10	\$3.85	\$
Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$7.12	
LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$26.40	
Q4701751	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	10	\$4.60	\$
Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$6.93	
LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$26.40	
Q4701150	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	10	\$4.05	\$
Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$6.93	
LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$26.40	
Q4701175	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	10	\$4.40	\$
Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	10	\$9.50	
G4701317	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	10	\$9.00	\$
Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	10	\$11.08	
G4701311	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	10	\$10.55	\$
Q4751337	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	10	\$11.13	
G4701337	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	10	\$10.60	\$
Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	10	\$11.50	
G4701331	ProPEX DZR Brass Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	10	\$10.95	\$

\$ Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## ProPEX Reducing Tee

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4751517	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x ¾" PEX	10	\$13.34
Q4751511	ProPEX EP Reducing Tee, 1½" PEX x 1" PEX x 1" PEX	10	\$13.34
Q4751537	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	10	\$15.25
◀ G4701537	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1¼" PEX x ¾" PEX	10	\$14.50 <b>\$</b>
Q4751531	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	10	\$15.80
◀ G4701531	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1¼" PEX x 1" PEX	10	\$15.00 <b>\$</b>
Q4751533	ProPEX EP Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	10	\$16.80
◀ G4701533	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1¼" PEX x 1¼" PEX	10	\$15.95 <b>\$</b>
Q4751557	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	10	\$14.06
◀ G4701557	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1½" PEX x ¾" PEX	10	\$13.65 <b>\$</b>
Q4751551	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	10	\$14.75
◀ G4701551	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1½" PEX x 1" PEX	10	\$14.00 <b>\$</b>
Q4751553	ProPEX EP Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	10	\$15.20
◀ G4701553	ProPEX DZR Brass Reducing Tee, 1½" PEX x 1½" PEX x 1¼" PEX	10	\$14.40 <b>\$</b>
Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	1	\$70.00
◀ Q4702575	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x ¾" PEX	5	\$88.35 <b>\$</b>
Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	1	\$65.00
◀ Q4702051	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1" PEX	5	\$73.90 <b>\$</b>
Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	1	\$79.00
◀ Q4702053	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1¼" PEX	5	\$88.35 <b>\$</b>
Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	1	\$85.80
◀ Q4702055	ProPEX Brass Reducing Tee, 2" PEX x 1½" PEX x 1½" PEX	5	\$95.95 <b>\$</b>
Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	1	\$80.00
◀ Q4702275	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x ¾" PEX	5	\$80.85 <b>\$</b>
Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	1	\$70.00
◀ Q4702210	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1" PEX	5	\$79.25 <b>\$</b>
Q4752213	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1¼" PEX	1	\$76.00
◀ Q4702213	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1¼" PEX	5	\$86.65 <b>\$</b>
Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	1	\$70.00
◀ Q4702215	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1½" PEX	5	\$93.35 <b>\$</b>



**\$** Price reduced

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## ProPEX Plug

ProPEX EP and Brass Plugs permanently or temporarily terminate the end of Uponor AquaPEX tubing.

**Note:** ProPEX tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4533838	ProPEX Brass Plug for 3/8" PEX	25	\$1.15
Q4350500	ProPEX EP Plug for 1/2" PEX	25	\$0.76
Q4350750	ProPEX EP Plug for 3/4" PEX	25	\$1.25
Q4537575	ProPEX Brass Plug for 3/4" PEX	25	\$1.35 <sup>S</sup>
Q4351000	ProPEX EP Plug for 1" PEX	10	\$2.61
Q4531000	ProPEX Brass Plug for 1" PEX	10	\$2.10 <sup>S</sup>
Q4351250	ProPEX EP Plug for 1 1/4" PEX	10	\$10.00
Q4351500	ProPEX EP Plug for 1 1/2" PEX	10	\$15.00
Q4352000	ProPEX EP Plug for 2" PEX	5	\$26.00
Q4532000	ProPEX Brass Plug for 2" PEX	5	\$31.10 <sup>S</sup>

## ProPEX Adapters

### ProPEX EP Swivel Closet Adapter

ProPEX EP Swivel Closet Adapter (with plastic nut) connects 1/2" Uponor AquaPEX tubing to water closet.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 7/8" Ballcock	25	\$5.33

# Uponor PEX-a Plumbing Systems

ProPEX EP, LF Brass and Brass Swivel Faucet Adapters (with plastic nut) connect 1/2" Uponor AquaPEX tubing to male NPSM faucet connections.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Swivel Faucet Adapter

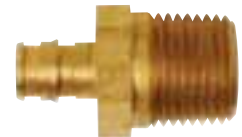


Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$2.83
LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$11.55
Q4655050	ProPEX Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	25	\$2.65
Q4651000Z	1/2" Washer Nose Cone	10	\$0.26

ProPEX LF Brass and Brass Male Threaded Adapters connect Uponor AquaPEX tubing to male NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX tool is required. ProPEX Rings sold separately.

## ProPEX Brass Male Threaded Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$9.90
Q4523850	ProPEX Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	25	\$4.80
LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$4.96
V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$10.66
Q4525050	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$3.88
LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$12.10
Q4525075	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$13.67
LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.24
V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$32.81
Q4527575	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$12.03
LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$18.15
Q4527510	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	10	\$13.67
LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	10	\$18.15
LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$20.96
Q4521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	10	\$15.33
LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$49.09
Q4521313	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$30.00
LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$56.49
Q4521515	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$40.00
LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$165.00
Q4522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	1	\$81.56
G4522020	ProPEX DZR Brass Male Threaded Adapter, 2" PEX x 2" NPT	5	\$50.00

**S** Price reduced

**◀** Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor PEX-a Plumbing Systems

## ProPEX Stainless Steel Male Threaded Adapter



ProPEX Stainless Steel Male Threaded Adapters transition Uponor AquaPEX tubing to reverse osmosis units. Due to the aggressive nature of conditioned water produced by reverse osmosis, de-ionization and distillation, ProPEX Stainless Steel Fittings are manufactured from 316 stainless steel, and fully comply with CSA B137.5.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q8525050	ProPEX Stainless Steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$18.73
Q8527575	ProPEX Stainless Steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$26.23
Q8521010	ProPEX Stainless Steel Male Threaded Adapter, 1" PEX x 1" NPT	10	\$41.22

## ProPEX Brass Female Threaded Adapter



ProPEX Brass Female Threaded Adapter connects Uponor AquaPEX tubing to female NPT threads and are intended as transition fittings from metal to PEX.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$11.55
Q4575050	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	25	\$5.09
LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$16.50
Q4575075	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	25	\$16.95
LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$11.44
Q4577575	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	25	\$9.48
LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$38.50
Q4577510	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	10	\$20.42
LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$26.33
Q4571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	10	\$12.88
LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$52.34
Q4571313	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	10	\$35.00
LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$88.00
Q4571515	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	10	\$43.00
LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$203.50
Q4572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	1	\$88.00

# Uponor PEX-a Plumbing Systems

ProPEX LF Brass, Red Brass and Brass Sweat Adapters transition Uponor AquaPEX tubing to copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX Brass Sweat Adapters



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$7.70
◀ Q4513850	ProPEX Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	25	\$3.35
LF4515050	ProPEX LF Brass Adapter, 1/2" PEX x 1/2" Copper	25	\$3.58
V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$10.66
◀ Q4515050	ProPEX Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	25	\$3.10
LF4515075	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$7.02
◀ Q4515075	ProPEX Brass Sweat Adapter, 1/2" PEX x 3/4" Copper	25	\$4.99
LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$12.10
◀ Q4517550	ProPEX Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	25	\$6.53
LF4517575	ProPEX LF Brass Adapter, 3/4" PEX x 3/4" Copper	25	\$8.11
V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$21.97
◀ Q4517575	ProPEX Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	25	\$7.90
LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$15.95
◀ Q4517510	ProPEX Brass Sweat Adapter, 3/4" PEX x 1" Copper	10	\$12.58
LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$13.66
V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$30.03
◀ Q4511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	10	\$12.70
LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$34.98
V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$61.42
Q4511313	ProPEX Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.00
LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$51.70
V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$67.58
Q4511515	ProPEX Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$33.00
LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$148.50
◀ Q4512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	1	\$68.33

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## ProPEX Brass Fitting Adapters



ProPEX LF Brass, Red Brass and Brass Fitting Adapters transition Uponor AquaPEX tubing to copper fittings.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.51
V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$10.01
Q4505050	ProPEX Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	25	\$3.04
LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$7.62
Q4505075	ProPEX Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	25	\$6.99
LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$10.18
Q4507550	ProPEX Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	25	\$7.47
LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$7.45
V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$19.84
Q4507575	ProPEX Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	25	\$6.44
LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.50
Q4507510	ProPEX Brass Fitting Adapter, 3/4" PEX x 1" Copper	10	\$16.95
LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$13.38
Q4501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	10	\$15.17
LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$32.14
Q4501313	ProPEX Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$21.00
G4501313	ProPEX DZR Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	10	\$7.70
LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$51.43
Q4501515	ProPEX Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	10	\$33.00
LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$148.50
Q4502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	1	\$60.62

## ProPEX LF Water Heater Adapter



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	20	\$41.54

**S** Price reduced

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## Valves and Accessories

ProPEX EP valves feature the proven performance of engineered plastic and the durability and precision of ceramics. They resist chemical and mineral buildup, along with corrosion, pitting and scaling. They are used

for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" O.D. risers.

Uponor also offers ProPEX LF brass full-port, quarter-turn stop valves. They are chrome-

plated and available in angle or straight configurations. Stop valves are used for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" O.D. risers.



Angle Stop Valve is used for point-of-use shutoff at the fixture.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4905038	ProPEX EP Angle Stop Valve for 1/2" PEX	10	\$8.60
LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	10	\$14.67

### ProPEX Angle Stop Valve



Straight Stop Valve is used for point-of-use shutoff at the fixture.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4935038	ProPEX EP Straight Stop Valve for 1/2" PEX	10	\$8.30
LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	10	\$14.96

### ProPEX Straight Stop Valve



# Uponor PEX-a Plumbing Systems

## Brass Compression Stop Valve



Brass Compression (quarter-turn) Stop Valve is chrome-plated and available in angle or straight configurations. Stop valves are used for point-of-use shutoff at the fixture. Both styles connect 1/2" Uponor AquaPEX tubing to 3/8" o.d. risers.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4410500	Lead Free Brass Compression Angle Stop Valve, 1/2" PEX	10	\$17.12
F4410500	Brass Compression Angle Stop Valve for 1/2" PEX	10	\$7.95
LF4420500	Lead Free Brass Compression Straight Stop Valve, 1/2" PEX	10	\$20.58
F4420500	Brass Compression Straight Stop Valve for 1/2" PEX	10	\$7.95
F5400500	1/2" Uponor AquaPEX Insert (stainless steel)	10	\$1.78
<b>NEW</b> F5444500	1/2" Compression Ring (brass)	10	\$1.08

## Riser



Lav and Closet Risers are installed with delrin ring (included).

**Note:** Uponor recommends Riser Washers for hot-water applications.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F1072512	3/8" O.D. x 12" Lav Riser	100	\$1.44
F1072520	3/8" O.D. x 20" Lav Riser	100	\$2.07
F1072530	3/8" O.D. x 30" Lav Riser	100	\$2.71
F1072536	3/8" O.D. x 36" Lav Riser	100	\$3.51
F1082512	3/8" O.D. x 12" Closet Riser	100	\$1.61
F1082520	3/8" O.D. x 20" Closet Riser	100	\$2.07
Q4440250	3/8" I.D. Delrin Ring, replacement part, 50/pkg.	1	\$5.50
Q4300250	Riser Washer, 100/pkg.	1	\$29.95

## ProPEX In-line Valves



EP In-line valve is configured for 1/2" and 3/4" Uponor AquaPEX tubing. ProPEX to ProPEX quarter-turn valves are intended as an in-line shutoff valve for 1/2" and 3/4" Uponor AquaPEX.

ProPEX LF Brass Ball Valve is intended as an in-line, shutoff valve for 1/2" and 3/4" PEX. These valves are not compatible with applications using glycol.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4905050	ProPEX EP In-line Valve, 1/2" PEX x 1/2" PEX	10	\$11.00
Q4945050	ProPEX Valve (small bore), 1/2" PEX x 1/2" PEX	10	\$10.95
LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	10	\$25.83
Q4915050	ProPEX Ball Valve (0.44" bore), 1/2" PEX x 1/2" PEX	10	\$14.06
Q4837575	ProPEX EP In-line Valve, 3/4" PEX x 3/4" PEX	10	\$15.00
LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	10	\$38.12
Q4917575	ProPEX Ball Valve (large bore), 3/4" PEX x 3/4" PEX	10	\$16.70

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

ProPEX Escutcheon with flaired sleeve provides an attractive cover for ½" Uponor AquaPEX tubing and ProPEX connections as they exit the wall. Available in white or chrome-plated.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5650500	ProPEX Escutcheon for ½" PEX (1½" O.D.), chrome-plated	25	\$9.87
F5670500	ProPEX Escutcheon for ½" PEX (1½" O.D.), white	25	\$2.73

## ProPEX Escutcheon



Chrome Finishing Sleeve slides over ½" Uponor AquaPEX tubing connected to point-of-use valve to provide protection and improve appearance.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5600500	Chrome Finishing Sleeve for ½" PEX (1½" O.D.)	25	\$5.68

## Chrome Finishing Sleeve



ProPEX Brass Ball Valve features an in-line, quarter-turn shut off valve for ½" or ¾" PEX. Drain Port included on the downstream side of the valve.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4815055	ProPEX Stop and Drain Ball Valve (0.44" bore), ½" PEX	10	\$19.80
Q4817580	ProPEX Stop and Drain Ball Valve (0.44" bore), ¾" PEX	10	\$21.36

## Drain Valves



ProPEX to ProPEX LF Brass (quarter-turn) Ball Valve is intended as an in-line shutoff valve for ¾" and 1" Uponor AquaPEX tubing. These valves are not compatible with applications using glycol.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4827575	ProPEX LF Brass Ball Valve (full port), ¾" PEX x ¾" PEX	10	\$54.35
LF4821010	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	10	\$65.78

## ProPEX to ProPEX LF Full Port Brass Ball Valve



ProPEX to MIP LF Brass (quarter-turn) Ball Valve features a shutoff valve between ½" Uponor AquaPEX and ½" MIP. This valve is not compatible with applications using glycol.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4795050	ProPEX LF Brass Ball Valve, ½" PEX x ½" MIP	10	\$28.18

## ProPEX to MIP LF Brass Ball Valve



 Price reduced

 Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.



# Uponor PEX-a Plumbing Systems

## ProPEX Brass to Copper Ball Valve



ProPEX LF Brass to Copper (quarter-turn) Ball Valve features a shutoff valve for 1/2" and 3/4" Uponor AquaPEX tubing to 1/2" and 3/4" copper pipe. These valves are not compatible with applications using glycol.

**Note:** ProPEX tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4803850	ProPEX LF Ball Valve (large bore), 3/8" PEX x 1/2" Copper Adapter	10	\$21.00
Q4803850	ProPEX Ball Valve (large bore), 3/8" PEX x 1/2" Copper Adapter	10	\$5.10
LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	10	\$21.55
Q4805050	ProPEX Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	10	\$12.00
Q4835050	ProPEX Brass Ball Valve (small bore), 1/2" x 1/2" Copper Adapter	10	\$9.26
LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	10	\$41.06

## Brass ProPEX Ice Maker Ball Valve



Ice Maker Valve connects 1/2" PEX x 1/4" O.D. compression with quarter-turn, shutoff capability.

**Note:** ProPEX tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4785025	ProPEX Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	10	\$11.76
Q4786025	ProPEX Ice Maker Valve, 3/4" PEX x 1/4" O.D. (straight)	10	\$11.29

## Specialty Items



ProPEX valves and transition fittings for a variety of installations. A QR14 connector converts 1/2" AquaPEX to 3/8" compression style where no valves are required by code. Partition stop shuts off water to a bathroom grup and the Dishwasher BV/Tee and Swivel elbow set allow the installer to easily disconnect the dishwasher supply line for servicing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q4743855	Brass Elbow, 1/2" Swivel x 3/8" MIP	25	\$7.74
Q4825055	1/2" ProPEX Dishwasher Ball Valve Tee	1	\$22.19
Q4825050	1/2" ProPEX Partition Stop with Plate	1	\$59.93
Q4975038	Connector, QR14, 1/2" ProPEX x 3/8" Comp. (Straight Adapter)	25	\$3.58

## Ells and Boxes

### ProPEX LF Copper Tub Ell



ProPEX LF Copper Tub Ell provides a 90-degree transition from tub and shower valve to Uponor AquaPEX tubing.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	25	\$14.54
LF2885050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	25	\$14.67

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

ProPEX Copper Stub Ell provides a 90-degree transition from Uponor AquaPEX tubing to copper or 1/2" compression valves.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	25	\$15.77
Q2865050	ProPEX Copper Stub Ell, 1/2" PEX Brass x 1/2" Copper (3 1/2" x 8")	25	\$10.76
LF2855050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")	25	\$22.89
LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	25	\$23.52
LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	25	\$35.96

## ProPEX Copper Stub Ell



ProPEX LF Copper Straight Stub provides a straight transition from Uponor AquaPEX tubing to copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	25	\$16.54
LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	25	\$19.79

## ProPEX LF Copper Straight Stub



ProPEX Washing Machine Outlet Box comes with two 1/2" LF brass ProPEX color-coded hot and cold valves. The versatility of the box allows the installer the freedom to mount the box with the valves either on the top or bottom. The four support brackets make mounting the box quick and easy. The included snap-on cover plate accommodates up to 1" drywall.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	12	\$71.66

## ProPEX LF Washing Machine Outlet Box



ProPEX Ice Maker Outlet Box comes with one 1/2" LF brass ProPEX valve. The valve has a 1/4" o.d. compression connection for connecting to standard ice maker tubing. The two support brackets make mounting the box quick and easy. The included snap-on cover plate accommodates up to 1" drywall.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valves	12	\$42.32
F5400250	1/4" Insert (stainless steel)	10	\$0.77

## ProPEX LF Ice Maker Box



**NEW**

Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Uponor PEX-a Plumbing Systems

## ProPEX In-line Ice Maker Tee



ProPEX In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX, features 1/8" NPT x 1/4" O.D. compression.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/4" O.D. compression	10	\$58.17

## EP Valved Manifold and Accessories

Available with three or four ProPEX outlets, the EP Valved Manifold is suitable for hot and cold potable-water distribution systems. The kit includes a manifold, red and blue valve clips, labels, valve-turning tool and installation instructions.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2110300	EP Valved Manifold Kit C, 3 outlets with ½" ProPEX	1	\$91.35
Q2110400	EP Valved Manifold Kit D, 4 outlets with ½" ProPEX	1	\$109.57

### EP Valved Manifold Kit



ProPEX EP Valved Manifold Inlet connects ¾" and 1" Uponor AquaPEX tubing to the manifold. The EP Valved Manifold End Cap seals the unused inlet on the manifold.

**Note:** ProPEX Tool is required. ProPEX Rings and Assembly/Mounting Brackets are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120750	EP Valved Manifold, ¾" ProPEX Inlet	10	\$13.59
Q2121000	EP Valved Manifold, 1" ProPEX Inlet	10	\$14.67
Q2121250	EP Valved Manifold End Cap	10	\$13.59

### EP Valved Manifold ProPEX Inlet



The EP Valved Manifold Coupling joins manifold sections.

**Note:** Assembly/Mounting Brackets are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2121251	EP Valved Manifold Stop Coupling	10	\$18.60
Q2121313	EP Valved Manifold Flow-through Coupling	10	\$15.94

### EP Valved Manifold Coupling



The EP Valved Manifold Assembly/Mounting Bracket assembles manifold sections and mounts the manifold to the wall or stud. One bracket is required per manifold joint.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120020	EP Valved Manifold Assembly/Mounting Bracket	10	\$8.52

### EP Valved Manifold Assembly/Mounting Bracket



Replacement EP Valved Manifold Accessories.

**Note:** Valve clips are required and sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2120050	EP Valved Manifold Valve Cylinder with O-rings	10	\$13.46
Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	10	\$3.56
Q2120001	EP Valved Manifold Red Valve Clip	100	\$1.27
Q2120002	EP Valved Manifold Blue Valve Clip	100	\$1.27

### EP Valved Manifold Accessories



# Uponor PEX-a Plumbing Systems

## Copper Branch Manifolds

### ProPEX 1" (type L) Copper Branch Manifold



ProPEX 1" Copper Branch Manifold features 1/2" outlets brazed to manifold trunk. Sweat manifolds together to create the desired number of outlets. Do not exceed acceptable flow rates for 1-inch nominal copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF outlets, 4 outlets	1	\$65.47
LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF outlets, 6 outlets	1	\$89.30
LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF outlets, 8 outlets	1	\$112.46
LF2831050	ProPEX 1" Branch Manifold with 1/2" ProPEX LF outlets, 10 outlets	1	\$140.33
LF2841050	PrePEX 1" Branch Manifold with 1/2" ProPEX LF outlets, 12 outlets	1	\$172.41
Q2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX outlets, 12 outlets	1	\$65.90



ProPEX 1" Copper Branch Manifold (type L copper) features 1/2" ProPEX brass fitting outlets. The manifold inlet adapts to 3/4" copper pipe.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
Q2031050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX Outlets, 3 outlets	1	\$19.50
Q2111050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX Outlets, 11 outlets	1	\$70.49

### ProPEX 1" (type L) Copper Branch Manifold with 3/4" ProPEX Inlet



ProPEX 1" Copper Branch Manifold features 1/2" ProPEX outlets brazed to manifold trunk and one 3/4" ProPEX fitting brazed to manifold inlet.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2807550	1" Copper Branch Manifold, 4 LF Brass outlets, 3/4" ProPEX Inlet	1	\$80.01
LF2817550	1" Copper Branch Manifold, 6 LF Brass outlets, 3/4" ProPEX Inlet	1	\$123.74
LF2827550	1" Copper Branch Manifold, 8 LF Brass outlets, 3/4" ProPEX Inlet	1	\$155.66
LF2837550	1" Copper Branch Manifold, 10 LF Brass outlets, 3/4" ProPEX Inlet	1	\$172.31

# Uponor PEX-a Plumbing Systems

ProPEX 1" Copper Valved Manifold features ½" ProPEX valve connections allowing for simple and easy isolation of individual loops. Sections can sweat together to extend the number of outlets using a standard 1" copper coupling. Both 1" ends are copper pipe size and require a copper end cap, coupling or transition fitting to make the proper system connection. Do not exceed accepted flow rates for 1-inch nominal copper.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately. This manifold is not intended for applications using glycol.

## ProPEX 1" (type L) Copper Valved Manifold



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2500400	1" Copper Manifold with LF Brass ½" ProPEX Ball Valves, 4 outlets	1	\$193.36
LF2500600	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 6 outlets	1	\$272.95
LF2500800	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 8 outlets	1	\$360.94
LF2501000	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 10 outlets	1	\$441.00
LF2501200	1" Copper Manifold with LF Brass ½" ProPEX Ball Valve, 12 outlets	1	\$515.08

The ProPEX 1" Copper Manifold is 6' in length and features 24 individual ½" ProPEX LF brass outlets spaced three inches on center. The manifold is suitable for cutting to any length necessary to achieve the desired number of outlets.

**Note:** ProPEX Tool is required. ProPEX Rings sold separately.

## ProPEX 1" (type L) LF Copper Manifold



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF2512450	1" x 6' Copper Manifold with 24 LF Brass outlets, ½" ProPEX, 3" on center	1	\$502.27

Copper Valveless Manifold with ½" or ¾" nominal branches is available in various outlet configurations. The manifolds can join together to create the desired number of outlets. Branches are brazed to manifold trunk. Use Uponor QS-style or ProPEX ½" or ¾" Brass Sweat Adapters to make connections to ⅜", ½", ⅝" and ¾" Uponor AquaPEX tubing. All manifolds require a 1" copper end cap and applicable transition fitting.

**Note:** Maximum recommended flow rates for these manifolds are: 2", 45 gpm; 1½", 21 gpm; 1", 9 gpm.

## Copper (type L) Valveless Manifold



Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F2802075	2" x 6' Copper Valveless Manifold with 24 outlets, ¾" sweat	1	\$628.00
F2801575	1½" x 6' Copper Valveless Manifold with 24 outlets, ¾" sweat	1	\$435.00
F2741050	1" Copper Valveless Manifold, 2 outlets, ½" sweat, 1½" on center	1	\$43.50
F2751050	1" Copper Valveless Manifold, 3 outlets, ½" sweat, 1½" on center	1	\$44.65
F2761050	1" Copper Valveless Manifold, 4 outlets, ½" sweat, 1½" on center	1	\$48.30
F2741075	1" Copper Valveless Manifold, 2 outlets, ¾" sweat, 1½" on center	1	\$48.10
F2751075	1" Copper Valveless Manifold, 3 outlets, ¾" sweat, 1½" on center	1	\$48.80

# Uponor PEX-a Plumbing Systems

## D'MAND® Hot Water Delivery System

### D'MAND® Hot Water Delivery System



The D'MAND® Hot Water Delivery System is an integral part of the Uponor Logic plumbing layout, which is designed to maximize energy and water savings, minimize connections, and reduce hot-water delivery times. The D'MAND Hot Water Delivery System provides two different system pumps. Model 100 supports plumbing systems with the farthest fixture less than 100 feet from the pump location. The Model 200 supports plumbing systems with the farthest fixture more than 100 feet from the pump location. The D'MAND system requires either an Activation Button or Motion Sensor to activate the system.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
LF6700070	LF D'MAND Model 100	1	\$918.75
LF6700002	LF D'MAND Model 200	1	\$1575.00

### D'MAND Activation Button



The D'MAND Activation Button is used in areas where the homeowner wants to select when the D'MAND Hot Water Delivery System is activated. Two-wire, low-voltage thermostat wire connects the Activation Button to the control on the D'MAND pump.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q6700101	D'MAND Activation Button	1	\$11.40

### D'MAND Motion Sensor



The D'MAND Motion Sensor is used in low-traffic areas within the home such as a guest bathroom. Three-wire, low-voltage thermostat wire connects the Motion Sensor to the control on the D'MAND pump.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q6700102	D'MAND Motion Sensor, hard-wired	1	\$153.01

## Tools and Accessories



Refer to the following pages for a full listing of tools and accessories.

- Tube Uncoilers: page **119**
- Tube Cutters: page **120**
- Milwaukee Tools: page **121**
- Tools: pages **121-124**
- Tubing Supports: pages **125-126**
- Fasteners, Fastener Tools and Protectors: pages **127-130**



## Tube Uncoilers

The Select Uncoiler facilitates the uncoiling of  $\frac{5}{16}$ " to 1" Uponor PEX or up to  $\frac{5}{8}$ " MLC tubing. The robust construction features an adjustable reel to allow for either horizontal or vertical position uncoiling. The durable wheels make for easy portability, and the uncoiler is equipped with a tubing-feed eyelet.

**Note:** Due to large coil inside diameters, the Select Uncoiler cannot support 1,000' coils of  $\frac{5}{8}$ " and larger MLC tubing.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6062000	Select Uncoiler	1	\$1,882.44

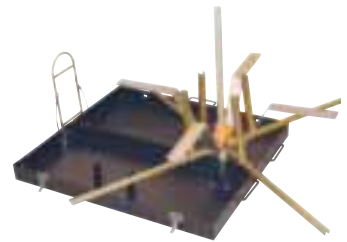
Select Uncoiler



The Compact Select Uncoiler facilitates the uncoiling of  $\frac{5}{16}$ " to 1" Uponor PEX or MLC tubing. The entire 65-pound unit conveniently collapses into its own heavy-duty, compact carrying case, allowing for quick and efficient transport of the uncoiler as well as easy storage when not in use.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6063000	Compact Select Uncoiler	1	\$1,417.50

Compact Select Uncoiler



The easy-to-assemble Tube Uncoiler facilitates the uncoiling of  $\frac{5}{16}$ " to 1" Uponor PEX tubing. Weighted arms hold tubing in place while uncoiling. Eyelet keeps tubing from tangling. Base is collapsible. No additional hardware is necessary for attaching arms.

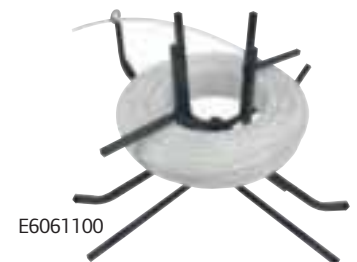
**Note:** Upon assembly, install the guide pin on the swivel arm to keep the arm in place.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6061000	Tube Uncoiler	1	\$519.75
E6061100	Deluxe Uncoiler	1	\$506.00

Tube Uncoiler



E6061000



E6061100

# Tube Handling

## Tube Cutters

### Tube Cutter



Metal Tube Cutter cuts up to 1" PEX tubing. Plastic Tube Cutter cuts up to 1" PEX or 3/4" MLC tubing.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6081125	Tube Cutter (metal) for up to 1" PEX	1	\$43.19
E6081140	Tube Cutter Replacement Blade for E6081125, spare part	1	\$15.65
E6081128	Tube Cutter (plastic) for up to 1" PEX (3/4" MLC Tubing)	1	\$37.76
E6081143	Tube Cutter Replacement Blade for E6081128, spare part	1	\$21.93

### Ratchet-style Tube Cutter



Ratchet-style PEX Tube Cutter cuts up to 1" PEX and MLC tubing. Ratchet-style Large Dimension Tube Cutter cuts 1" to 2" PEX and 1" MLC tubing.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6081500	Ratchet-style Tube Cutter for up to 1" PEX and MLC tubing	1	\$43.22
E6081544	Tube Cutter Replacement Blade for E6081500, spare part	1	\$15.31
E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX and 1" MLC tubing	1	\$278.93
E6082001	Tube Cutter Replacement Blade for E6082000, spare part	1	\$73.50

## ProPEX Tools and Accessories

The Milwaukee M12 ProPEX Expansion Tool offers continuous expansions for maximum install speed, has a compact, right-angle design for use in tight spaces, and features an auto-rotating head for convenient, single-handed operation for expanding  $\frac{3}{8}$ " to 1" tubing sizes. The kit includes the Milwaukee M12 ProPEX Expansion tool; two (2) M12 lithium-ion batteries; a 30-minute charger;  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" expansion heads; grease; and a carrying case.

**Note:** All standard heads are interchangeable between the Uponor ProPEX tools and the M12 and M18 tools; Uponor expander heads will not auto-rotate on the Milwaukee tools (only Milwaukee expansion heads will auto-rotate on the M12 and M18). H-heads are not interchangeable between Milwaukee and Uponor. Milwaukee heads are easily distinguished by color coding and the Milwaukee logo.

Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeeetool.com](http://www.milwaukeeetool.com) and entering "ProPEX" in the search window.

Model No.	Part Description	Retail Price
2432-20	Milwaukee M12 ProPEX Expansion Tool	Contact your Milwaukee Distributor
2432-22	Milwaukee M12 ProPEX Expansion Tool Kit	Contact your Milwaukee Distributor

The Milwaukee M18 ProPEX Expansion Tool offers continuous expansions for maximum install speed, has magnesium construction for jobsite durability, and features an auto-rotating head for convenient, single-handed operation for expanding  $\frac{3}{8}$ " to 1½" tubing sizes. The kit includes the Milwaukee M18 ProPEX Expansion tool; two (2) M18 CP lithium-ion batteries; a 30-minute charger; 1", 1¼" and 1½" expansion heads; grease; and a carrying case.

**Note:** All standard heads are interchangeable between the Uponor ProPEX tools and the M12 and M18 tools; Uponor expander heads will not auto-rotate on the Milwaukee tools (only Milwaukee expansion heads will auto-rotate on the M12 and M18). H-heads are not interchangeable between Milwaukee and Uponor. Milwaukee heads are easily distinguished by color coding and the Milwaukee logo.

Purchase Milwaukee ProPEX Expansion Tools for use with Uponor systems by contacting Milwaukee at 800.729.3878 or visiting [www.milwaukeeetool.com](http://www.milwaukeeetool.com) and entering "ProPEX" in the search window.

Model No.	Part Description	Retail Price
2632-20	Milwaukee M18 ProPEX Expansion Tool	Contact your Milwaukee Distributor
2632-22	Milwaukee M18 ProPEX Expansion Tool Kit	Contact your Milwaukee Distributor

The Uponor ProPEX 201 Corded Expander Tool meets the need for reliable, cost-effective solutions to commercial-sized 2" PEX installations. This 110-volt, electro-hydraulic tool makes fast, easy connections for 2" Uponor PEX tubing. The ProPEX 201 Corded Expander Tool uses the same 2" H-series expander heads currently in use with other Uponor tools.

**Note:** ProPEX 201 Corded Expander Tool Kit includes 2" head.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q6272000	ProPEX 201 Corded Expander Tool Kit	1	\$6,065.85
Q6272002	ProPEX 201 Case, replacement part	1	\$550.94
Q6282000*	2" H-series ProPEX Expander Head	1	\$572.40

\*Indicates head can only be used with a 2" tool (Q6262000 or Q6272000)

**Milwaukee M12™ ProPEX Expansion Tool**



**Milwaukee M18™ ProPEX Expansion Tool**



**ProPEX 201 Corded Expander Tool Kit**



# Tools and Accessories

## ProPEX Auto Rotation Adapter



Designed to use with all standard expander tools and standard expander heads ( $\frac{3}{8}$ " to 1"), the ProPEX Auto Rotation Adapter eliminates the need to rotate the tubing when making ProPEX connections.

**Note:** The ProPEX Auto Rotation Adapter is not compatible with the ProPEX 200 Battery Expander Tool or H-series Expander Heads.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q6323810	ProPEX Auto Rotation Adapter	1	\$382.87

## ProPEX Hand Expander Tool Kit



The ProPEX Hand (Manual) Expander Tool Kit includes  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" heads, tool lubricant and a sturdy carrying case.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q6295075	ProPEX Hand Expander Tool Kit (includes $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1" heads)	1	\$635.38
Q6295010	ProPEX Hand Expander Tool Kit (includes $\frac{1}{2}$ " and $\frac{3}{4}$ " heads only)	1	\$424.33

## Graphite Grease



Graphite Grease lubricates ProPEX Expander Tool cones.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q5590028	Graphite Grease for ProPEX Tools, spare part	1	\$23.26

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

## MLC Press Fitting Tools and Accessories

The Mini-Press Battery Tool is an electro-hydraulic press fitting tool that makes fast, easy connections to ½" through 1" Uponor MLC tubing. The tool kit with jaws includes one battery, one charger and press jaws for ½", ⅝", ¾" and 1" tubing. The tool kit without jaws includes two batteries and one charger.

Part No.	Part Description	Each Qty.	List Price/Ea.
D6260000	Mini-Press Battery Tool Kit (no jaws)	1	\$3,366.10
D6261632	Mini-Press Battery Tool Kit (with jaws)	1	\$5,421.65
D6260001	Mini-Press Tool Battery 9.6V, replacement part	1	\$300.35
D6260002	Mini-Press Tool Battery Charger, replacement part	1	\$290.20
D6260500	½" Press Jaw for Mini-Press Battery Tool	1	\$377.50
D6260625	⅝" Press Jaw for Mini-Press Battery Tool	1	\$343.90
D6260750	¾" Press Jaw for Mini-Press Battery Tool	1	\$400.95
D6261000	1" Press Jaw for Mini-Press Battery Tool	1	\$392.70

### Mini-Press Battery Tool and Accessories



MLC Press Fitting Manual Tool makes ½" and ⅝" MLC Press fittings. Kit includes manual press tool, ½" and ⅝" inserts and a carrying case.

Part No.	Part Description	Each Qty.	List Price/Ea.
D6275063	MLC Press Fitting Manual Tool Kit	1	\$1,283.10
D6270500	½" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$306.95
D6270625	⅝" Replacement Insert for MLC Press Fitting Manual Press Tool	1	\$306.95

### MLC Press Fitting Manual Tool



The MLC Tubing T-handle Chamfering Tool bevels the ends of ½", ⅝", ¾" and 1" MLC tubing in preparation for making a fitting connection. The T-handle is removable to use the tool with a drill for multiple chamfering.

Part No.	Part Description	Each Qty.	List Price/Ea.
D6100500	½" MLC Tubing T-handle Chamfering Tool	1	\$52.00
D6100625	⅝" MLC Tubing T-handle Chamfering Tool	1	\$54.50
D6100750	¾" MLC Tubing T-handle Chamfering Tool	1	\$68.55
D6101000	1" MLC Tubing T-handle Chamfering Tool	1	\$93.95

### MLC Tubing T-handle Chamfering Tool



The MLC Tubing Three-way Chamfering Tool bevels the end of ½", ⅝" and ¾" MLC tubing in preparation for making a fitting connection. The side of the tool marks the tubing for the correct insert depth.

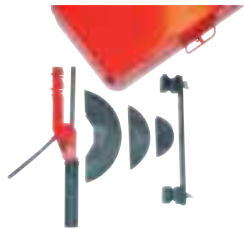
Part No.	Part Description	Each Qty.	List Price/Ea.
D6105063	MLC Tubing Three-way Chamfering Tool, ½", ⅝" and ¾"	1	\$76.80

### MLC Tubing Three-way Chamfering Tool



# Tools and Accessories

## MLC Tubing Bending Tool



The MLC Tubing Bending Tool allows for more precise, tighter bending radius than manual bends.

Part No.	Part Description	Each Qty.	List Price/Ea.
D6165010	MLC Tubing Bending Tool (up to 1" tubing)	1	\$867.65

## Other Tools

### Service Wrench



Service Wrench features a lightweight, compact design. Use the 1 $\frac{3}{16}$ " service wrench to tighten QS-style fitting assemblies to the manifolds. Use the TruFLOW service wrench, 46mm, to tighten manifold union nuts.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6111188	1 $\frac{3}{16}$ " Service Wrench	1	\$62.10
E6110046	TruFLOW Service Wrench, 46 mm (1 $\frac{7}{8}$ ")	1	\$152.80

### Quik Trak Installation Tool Kit



The Quik Trak Installation Tool Kit is an auto-feed screw system that features labor-saving speed for Quik Trak installations. The easy-to-use screw gun is lightweight and the extension arm reduces fatigue. The kit includes 120VAC screw gun with vertical extension arm, square-head drive screw bits, bit retrieval tool and hard-sided case.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6050000	Quik Trak Installation Tool Kit	1	\$999.75
E6050005	Quik Trak Bits and Tool (set of 3 square drive bits and 1 tool)	1	\$25.95

## Tubing Supports

Plastic Bend Support (glass-reinforced nylon) provides a rigid, 90-degree bend and sleeve for  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{3}{4}$ " Uponor PEX tubing. The  $\frac{1}{2}$ " bend support works with PEX Wall Support Bracket (A5750500).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5150375	$\frac{3}{8}$ " Plastic Bend Support	25	\$1.70
A5250500	$\frac{1}{2}$ " Plastic Bend Support	25	\$2.03
A5150750	$\frac{3}{4}$ " Plastic Bend Support	50	\$3.67

### Plastic Bend Support



Metal Bend Support (zinc-plated) provides a rigid, 90-degree bend for  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5110375	$\frac{3}{8}$ " Metal Bend Support	50	\$3.04
A5110500	$\frac{1}{2}$ " Metal Bend Support	50	\$3.75
A5110625	$\frac{5}{8}$ " Metal Bend Support	50	\$4.30
A5110750	$\frac{3}{4}$ " Metal Bend Support	25	\$12.16

### Metal Bend Support



PVC Bend Support provides a rigid, 90-degree bend and sleeve for  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and 1" Uponor PEX tubing runs exiting a concrete slab.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5500500	$\frac{3}{4}$ " PVC Elbow for $\frac{3}{8}$ " and $\frac{1}{2}$ " PEX Bend Support	25	\$2.42
A5500625	1" PVC Elbow for $\frac{5}{8}$ " PEX Bend Support	25	\$3.50
A5500750	1 $\frac{1}{4}$ " PVC Elbow for $\frac{3}{4}$ " PEX Bend Support	20	\$5.67
A5501000	1 $\frac{1}{2}$ " PVC Elbow for 1" PEX Bend Support	25	\$7.55

### PVC Bend Support



Plastic Drop Ear Bend Support (glass-reinforced nylon) provides a rigid, 90-degree bend and connection free stub out from a stud wall or floor for  $\frac{3}{8}$ " or  $\frac{1}{2}$ " Uponor AquaPEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> F5200375	$\frac{3}{8}$ " Plastic Drop Ear Bend Support	25	\$2.85
F5200500	$\frac{1}{2}$ " Plastic Drop Ear Bend Support	25	\$2.94

### Plastic Drop Ear Bend Support



Metal Drop Ear Bend Support (zinc-plated) provides rigid 90-degree bend and connection-free stub out from a stud wall or floor for  $\frac{1}{2}$ " Uponor AquaPEX tubing.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
<b>NEW</b> F5120375	$\frac{3}{8}$ " Metal Drop Ear Bend Support	25	\$7.10
F5120500	$\frac{1}{2}$ " Metal Drop Ear Bend Support	25	\$7.34

### Metal Drop Ear Bend Support





# Tubing Supports

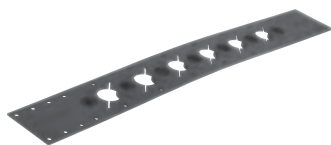
## Straight-through Support



Straight-through Support (zinc-plated) provides rigid straight-through support for 1/2" Uponor AquaPEX tubing as it exits a floor.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5140500	1/2" Metal Straight-through Support	25	\$8.64

## PEX Wall Support Bracket



PEX Wall Support Bracket provides rigid, straight-through support for 1/2" or 3/4" Uponor AquaPEX tubing. It features fixed, 2" on-center spacing, and allows the 1/2" Plastic Bend Support to snap into place for 1/2" Uponor AquaPEX tubing as it exits a wall. Bracket works with 1/2" Plastic Bend Support (A5250500).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5750500	PEX Wall Support Bracket, 1/2" and 3/4"	25	\$5.84

## PEX Stand-up Bracket



PEX Stand-up Bracket is used in residential slab or commercial multi-floor construction. Secure the bracket to the deck form. Then install the 1/2" PEX tubing in the bracket, either with the 1/2" PEX tubing alone or the 1/2" PEX tubing sleeved inside a corrugated polyethylene carrier tube. The brackets are available in either single- or five-tube configurations.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
F5801000	Single-tube PEX Stand-up Bracket for 1/2" PEX	60	\$8.35
F5805000	Five-tube PEX Stand-up Bracket for 1/2" PEX	16	\$40.69

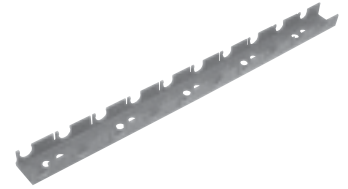
## Fasteners and Fastener Tools

Plastic PEX Rail secures Uponor PEX tubing products to metal and wood-support structures.

**Note:** Suitable fastening hardware is required (not included).

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
A5700500	1/2" PEX Rail, 6.5 ft.	16	\$8.17
A5700625	5/8" PEX Rail, 6.5 ft.	16	\$9.70
A5700750	3/4" PEX Rail, 6.5 ft.	16	\$13.30

**PEX Rail**



The PEX Clip provides excellent holding power and can attach together laterally for tight installations. The PEX Clip is attached under the wood subfloor for joist-heating applications. The clip prevents the tubing from coming in direct contact with the subfloor, eliminating the possibility of creating uncomfortable hot spots on the floor above. Drywall screws are commonly used to secure the clips to the wood subfloor.

**Note:** Select a screw length so it does not penetrate entirely through the wood subfloor once installed.

Part No.	Part Description	Each Qty.	List Price/Ea.
F7060375	3/8" PEX Clip, 100/pkg.	1	\$80.24
F7051258	1/2" PEX Clip, 100/pkg.	1	\$121.73
F7057500	3/4" PEX Clip, 100/pkg.	1	\$215.14
F7051001	1" PEX Clip, 50/pkg.	1	\$140.22

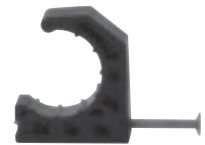
**PEX Clip**



Tube Talon secures 3/8", 1/2", 5/8", 3/4" and 1" Uponor PEX tubing products. Fasteners are included.

Part No.	Part Description	Each Qty.	List Price/Ea.
<b>NEW</b> F7050375	Tube Talon (3/8" PEX), 100/pkg.	1	\$25.60
F7050750	Tube Talon (1/2", 5/8", 3/4" PEX), 100/pkg.	1	\$24.23
F7051000	Tube Talon (1" PEX), 50/pkg.	1	\$27.84

**Tube Talon**



# Fasteners and Fastener Tools

## Tube Clamp



Tube Clamps secure 1/2" and 3/4" Uponor PEX tubing products.

Part No.	Part Description	Each Qty.	List Price/Ea.
A7250500	Tube Clamp Suspension (1/2" PEX), 100/pkg.	1	\$22.55
A7250750	Tube Clamp Suspension (3/4" PEX), 50/pkg.	1	\$11.45
A7350500	Tube Clamp Standard (1/2" PEX), 100/pkg.	1	\$33.66
A7350750	Tube Clamp Standard (3/4" PEX), 50/pkg.	1	\$9.75

## Tubing Clip



Tubing Clip secures 1/2" Uponor AquaPEX tubing in shallow installations where the Tube Talon is unsuitable.

Part No.	Part Description	Each Qty.	List Price/Ea.
Q7400500	Plastic Tubing Clip, 1/2", 100/pkg.	1	\$30.90

## Plastic Mounting Bracket



Part No.	Part Description	Each Qty.	List Price/Ea.
Q7040100	Plastic Mounting Bracket	1	\$2.53

## Protective Tubing Cap



The Protective Tubing Cap is intended to protect the tubing from debris during the installation phase. Easily installed on and removed from the tubing terminations, they are not for permanent application. Do not use for pressure testing.

Part No.	Part Description	Each Qty.	List Price/Ea.
F4350500	1/2" Protective Tubing Cap, 50/pkg.	1	\$23.18
F4350625	5/8" Protective Tubing Cap, 50/pkg.	1	\$25.00
F4350750	3/4" Protective Tubing Cap, 50/pkg.	1	\$46.35
F4351000	1" Protective Tubing Cap, 50/pkg.	1	\$50.99

## U-shaped Tube Fastener



Manually secure galvanized U-shaped Tube Fastener to 3/8", 1/2", and 5/8" Uponor PEX tubing to wood subflooring.

Part No.	Part Description	Each Qty.	List Price/Ea.
A7040250	U-shaped Tube Fastener, 250/pkg.	1	\$44.95

◀ Discontinued item; available while quantities last. Please contact Uponor Customer Service at 888.594.7726 for availability. All sales are final.

# Fasteners and Fastener Tools

Use Fixing Wire Twister with Fixing Wire (A7031000).

Part No.	Part Description	Each Qty.	List Price/Ea.
E6090005	Fixing Wire Twister	1	\$7.90

**Fixing Wire Twister**



Use Ratchet-style Fixing Wire Twister with Fixing Wire (A7031000).

Part No.	Part Description	Each Qty.	List Price/Ea.
E6091700	Ratchet-style Fixing Wire Twister	1	\$82.75

**Ratchet-style Fixing Wire Twister**



Specially formulated 6" galvanized steel alloy tie secures Uponor PEX tubing products to wire mesh or rebar. Use with Fixing Wire Twisters (E6090005 or E6091700).

Part No.	Part Description	Each Qty.	Pkg. Qty.	List Price/Ea.
A7031000	Fixing Wire, 1,000/bundle	1	5	\$29.00

**Fixing Wire**



Steel Plate Protector protects tubing from possible damage by drywall, trim screws or nails, etc.

Part No.	Part Description	Each Qty.	List Price/Ea.
F5700002	Steel Plate Protector, 100/pkg.	1	\$38.89

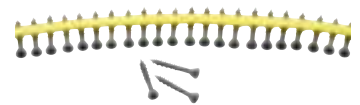
**Steel Plate Protector**



The 1¼" screws are designed specifically for Quik Trak installations using ¾" subfloors.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6051250	Quik Trak Screws (1¼"), 2,500/pkg.	1	\$215.60

**Quik Trak Screws**



Quik Trak Sealant is 100% silicone and provides good thermal transfer. Use to adhere 5/16" Wirsbo hePEX tubing in the Quik Trak groove.

Part No.	Part Description	Pkg. Qty.	List Price/Ea.
E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	24	\$13.30

**Quik Trak Sealant**



# Fasteners and Fastener Tools

## Pneumatic Stapler Kit



Pneumatic Stapler Kit fires  $\frac{5}{8}$ " through 1 $\frac{1}{4}$ " staples with a 1" crown. Kit includes stapler, walking stick and conventional nose piece for attaching  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX to subfloors.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6021638	Pneumatic Stapler Kit	1	\$2,389.45

## Metal Staples



Metal Staples are available in 1 $\frac{1}{4}$ " lengths with a 1" crown. Use 1 $\frac{1}{4}$ " staples in staple-down installations to secure  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{5}{8}$ " Uponor PEX to wood subfloors.

**Note:** Uponor does not recommend this use of staples for joist-heating applications.

Part No.	Part Description	Each Qty.	List Price/Ea.
A7011250	1 $\frac{1}{4}$ " Metal Staples, 10,000/pkg.	1	\$168.90

## Manual Foam Stapler



Use Manual Foam Stapler with Plastic Foam Staples (A7015050 or A7015075) to attach  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

Part No.	Part Description	Each Qty.	List Price/Ea.
E6025075	Manual Foam Stapler	1	\$954.85

## Plastic Foam Staples



Use Plastic Foam Staples with Manual Foam Stapler (E6025075) to secure  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " Uponor PEX to rigid foam insulation.

**Note:** Use 1 $\frac{1}{2}$ " Foam Staples (A7015050) for 1" foam and 2 $\frac{1}{2}$ " Foam Staples (A7015075) for 1 $\frac{1}{2}$ " or thicker foam.

Part No.	Part Description	Each Qty.	List Price/Ea.
A7015050	1 $\frac{1}{2}$ " Plastic Foam Staples, 300/pkg.	1	\$86.75
A7015075	2 $\frac{1}{2}$ " Plastic Foam Staples, 300/pkg.	1	\$130.15

## Uponor General Conditions

1. A Purchase Order, when accepted, is not subject to cancellation, change, reduction in amount or suspension of deliveries except with the written consent of UPONOR and upon terms which indemnify said company against loss.
2. Any change of design, delivery schedule or instructions of any kind must be submitted in writing. UPONOR shall not be bound by any such change unless it first agrees in writing and then only upon such terms as it shall make to cover any additional cost caused by such changes.
3. Prices quoted are based on quantities and deliveries as stated and any deviation requested by the customer may require additional cost for which the customer will be responsible.
4. Any taxes which may now or hereafter be imposed by any taxing authority in respect to this instrument or product or sale contracted for are to be added to and become a part of the price payable by the buyer.
5. UPONOR shall not be responsible for any loss or damage occurring by reason of delay or inability to secure material or skilled labor, priority allocation or other material regulations, or any other cause, similar or dissimilar.
6. Claims for shortages or rejection must be made within ten days after receipt of goods. UPONOR shall not be held responsible for any claims made after the 10 days. Claims for breakage, damage or loss should be presented directly to the transportation company upon receipt of merchandise.
7. It is understood that the delivery dates specified are based upon conditions prevailing as of the date of acceptance of the Purchase Order and that UPONOR shall not be responsible for any delay in said delivery dates or by any cancellation of the order which may be caused by conditions either out of its control or unforeseeable to it at the time the order was placed.
8. UPONOR shall have the right to modify without notice the specifications, product design and configurations of parts sold, providing that any such modifications will not materially affect performance.
9. UPONOR reserves the right to withhold shipment of any items ordered until arrangements for payment, satisfactory to UPONOR, are met.
10. All product sold in listed packaged quantities only.
11. Orders, when accepted, shall become contract effective under the laws of Canada and shall not be changed, altered or abridged by any printed items which may be included in a customer's purchase order or by any verbal agreement unless such changes are agreed upon in writing by UPONOR.
12. The minimum order is \$100.00 NET.
13. Freight charges will be prepaid on all orders over \$15,000 net. Contact your local UPONOR Sales Representative for terms and conditions on rush orders and order discount structures.
14. Subject to Credit Approval, payment terms are 30 days net from date of invoice. Service charges are applicable on past due accounts at a rate of 1.5% per month which is equal to an annual percentage rate of 18%.
15. Wholesalers will be advised of applicable discount rate from List Price by a separate letter.
16. Prices subject to change without notice.
17. Please Note: UPONOR does have a Return Materials Policy. For assistance on returning product(s) please contact an UPONOR Representative who will advise you on the procedure and policies with returning goods to our facility. In order to serve you better, UPONOR will issue a Return Materials Authorization Number (RMA) that will ensure that a request to return product is handled quickly and efficiently.

## Freight Policy

### LTL and Truckload Shipments

Orders over \$15,000 net will ship prepaid within 5 business days. Uponor will accept purchase orders from a maximum of four different branches to qualify for prepaid freight if the following conditions are met:

- The orders must be received by Uponor at the same time.
- Orders must ship on the same day.
- Orders must specify that they are piggyback orders when they are placed and state which orders they will ship with.
- Uponor will not be responsible for organizing piggyback orders.
- Uponor will not hold orders while waiting for other branches to place their orders.
- Prepaid is a service and benefit offered at Uponor's discretion, therefore 5 business days applies to all prepaid orders.  
All rush orders will be shipped collect via your specified carrier.

Orders less than \$15,000 net will ship collect within 5 business days via your specified carrier.

### Courier Shipments

Courier shipments (weighing less than 250lbs) will ship within 3 business days. Customer must assign carrier.

### Rush Shipments

Orders will ship the same day if the following conditions are met.

- Purchase orders must be stamped rush.
- Customer must assign carrier and pay freight.
- Shipment must weigh less than 250lbs.
- Purchase order must be received by Uponor prior to:
  - 11 am EST for shipments out of Brampton.
  - 1 pm CST for shipments out of Calgary.
- Orders received after cut off times will ship next business day.
- Order must meet \$100 net minimum requirement.

Requests to rush orders over 250lbs will be considered if they do not interfere with our standard service commitments. Approval must come from the Distribution Manager. Please note that rush orders are not prepaid freight. If the prepaid order is required prior to the 5 business days the freight will be charged collect via the wholesales choice carrier. Prepaid is a service and benefit offered at Uponor's discretion, therefore 5 business days apply to all prepaid orders.

**Note\*** There is a \$100 net minimum order requirement for invoicing purposes to all stocking distributors.



## UPONOR : conditions générales

1. Une fois accepté, un bon de commande ne peut pas faire l'objet d'annulation, de changement, de réduction du montant ou d'arrêt de livraison sans le consentement écrit d'UPONOR (la Société) et en vertu de modalités qui l'indemnisent de toute perte.
2. Tout changement relatif à la conception, l'horaire de livraison ou des directives de toutes sortes doit être soumis par écrit. UPONOR n'est pas responsable de tels changements, sauf si elle les accepte d'abord par écrit et alors seulement selon des modalités qu'elle établira pour couvrir tous frais additionnels causés par de tels changements.
3. Les prix sont indiqués en fonction des quantités et des livraisons, telles qu'elles sont énoncées, et toute déviation demandée par le client peut exiger des frais additionnels dont il sera responsable.
4. Toute taxe qui peut, ou pourra par la suite, être imposée par une autorité taxatrice relativement à cet instrument, produit ou vente contracté sera ajoutée ou fera partie du prix à payer par l'acheteur.
5. UPONOR n'est pas responsable de toute perte ou tout dommage causé par un retard ou l'incapacité d'obtenir du matériel ou de la main-d'œuvre spécialisée, l'attribution prioritaire ou autre règlement matériel ou toute autre cause semblable ou non.
6. Toute réclamation pour pénuries ou rejet doit être effectuée dans les 10 jours après réception des marchandises. UPONOR n'est pas responsable de toute réclamation effectuée après cette période de 10 jours. Les réclamations pour bris, dommages ou pertes doivent être présentées directement au transporteur dès réception de la marchandise.
7. Il est entendu que les dates de livraison stipulées dépendent de conditions en vigueur à la date d'acceptation du bon de commande et que la Société n'est pas responsable de tout retard de ladite livraison ou de l'annulation de la commande qui peut être causé (e) par des conditions imprévisibles ou indépendantes de sa volonté au moment où la commande est passée.
8. UPONOR a le droit de modifier, sans préavis, les spécifications et la conception du produit, de même que la configuration des pièces vendues, pourvu que de telles modifications n'affectent pas matériellement le rendement.
9. UPONOR se réserve le droit de retenir l'envoi de tout article commandé jusqu'à ce que les modalités de paiement soient respectées à la satisfaction de la Société.
10. Tous les produits sont seulement vendus dans des quantités emballées inscrites.
11. Une fois acceptées, les commandes seront en vigueur, par contrat, selon les lois du Canada et ne seront pas changées, modifiées ou limitées par tout article imprimé pouvant être inclus dans le bon de commande d'un client ou par toute entente verbale, sauf si de tels changements sont acceptés par la Société par écrit.
12. La commande minimum est de 100 \$ NET.
13. Les frais de transport seront prépayés pour toute commande de plus de 15 000 \$ NET. Communiquez avec votre représentant UPONOR pour connaître les modalités et les conditions relatives aux commandes urgentes et la structure d'escompte.
14. Sur approbation de crédit, les modalités de paiement sont de 30 jours NETS de la date de facturation. Les frais de gestion s'appliquent aux comptes en souffrance au taux de 1,5 % par mois, ce qui représente un taux de pourcentage annuel de 18 %.
15. Les grossistes seront informés, sous pli séparé, de tout escompte applicable au prix de liste.
16. Les prix peuvent changer sans préavis.
17. Veuillez noter que : UPONOR a une politique de retour de produits. Pour obtenir de l'aide pour retourner des produits, veuillez communiquer avec votre représentant UPONOR qui pourra vous conseiller sur la marche et les politiques à suivre pour retourner des marchandises à notre établissement. Afin de mieux vous servir, UPONOR émettra un numéro d'autorisation de retour de produits (RMA) qui assurera que toute demande de retour de produit sera traitée de façon rapide et efficace.

## Politique de transport

### Envois chargement partiel et complets

Toute commande de plus de 15 000 \$ NET sera expédiée prépayée dans un délai de 5 jours ouvrables. UPONOR acceptera des bons de commande d'un maximum de quatre différentes succursales pour pouvoir obtenir le transport prépayé si les conditions suivantes sont respectées :

- Les commandes doivent être reçues par UPONOR en même temps.
- Les commandes doivent être expédiées le même jour.
- Il faut préciser que certaines commandes sont jumelées (piggyback) lorsqu'elles sont passées et confirmer avec quelles commandes elles seront expédiées.
- UPONOR n'est pas responsable d'organiser des commandes jumelées.
- UPONOR ne retiendra pas des commandes en attendant que d'autres succursales passent leurs commandes.
- Le service prépayé est un avantage offert à la seule discrétion d'UPONOR; par conséquent, un délai de 5 jours ouvrables s'applique à toute commande prépayée.
- Toutes les commandes urgentes seront expédiées port dû par l'entremise de votre transporteur.

Toute commande de moins de 15 000 \$ NET sera expédiée port dû dans un délai de 5 jours par l'entremise de votre transporteur.

### Expédition par messagerie

L'expédition par messagerie (envois de moins de 250 lb) sera effectuée dans un délai de 3 jours ouvrables. Le client doit indiquer le transporteur.

### Expédition urgente

Les commandes seront expédiées le même jour si les conditions suivantes sont respectées :

- Les commandes urgentes doivent être clairement indiquées.
- Le client doit indiquer le transporteur et payer les frais de transport.
- L'envoi doit peser moins de 250 lb.
- Le bon de commande doit être reçu par UPONOR avant :
  - 11 h (HNE) pour les envois de Brampton.
  - 13 h (HNE) pour les envois de Calgary.
- Les commandes reçues après l'heure limite seront expédiées le jour ouvrable suivant.
- Les commandes doivent respecter le minimum de 100 \$ NET.

Toute commande urgente pesant plus de 250 lb sera considérée si elle ne nuit pas à nos normes de service standards. L'approbation doit être obtenue du directeur de la distribution. Veuillez noter que les commandes urgentes ne sont pas admissibles au transport prépayé. Si la commande prépayée est exigée dans un délai de moins de 5 jours ouvrables, les frais de transport seront imputés port dû par l'entremise du transporteur choisi par le grossiste. Le service prépayé est un avantage offert à la seule discrétion d'UPONOR; par conséquent, un délai de 5 jours ouvrables s'applique à toute commande prépayée.

**Note\*** : Aux fins de facturation, UPONOR exige une commande minimum de 100 \$ NET de la part de tous les distributeurs avec inventaire de produits Uponor.

# Alphanumeric Listing 2011

New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application Ecoflex	Fire	Category Plumbing
	1007355	H-Insulation Kit, 5.5", 6.9", 7.9"	71	\$1,454.400	1			E		
	1007360	Compression Wall Seal for 5.5" Jacket	72	\$404.400	1			E		
	1007361	Compression Wall Seal for 6.9" Jacket	72	\$454.850	1			E		
	1007362	Compression Wall Seal for 7.9" Jacket	72	\$485.750	1			E		
	1007365	Wall Sleeve for 5.5" Jacket	72	\$108.650	1			E		
	1007366	Wall Sleeve for 6.9" and 7.9" Jacket	72	\$146.400	1			E		
	1018268	Wall Sleeve with Heat Shrink for 7.9" Jacket	72	\$354.850	1			E		
	1018269	Wall Sleeve with Heat Shrink for 5.5" Jacket	72	\$261.850	1			E		
	1018270	Wall Sleeve with Heat Shrink for 6.9" Jacket	72	\$268.600	1			E		
	1018326	Ecoflex Connection Vault, 6 outlet	70	\$2,256.000	1			E		
	1018327	Ecoflex Connection Vault, 8 outlet	70	\$2,866.500	1			E		
	1018378	Uponor Shrinkable Tape 10" x 9" roll	70	\$155.600	1			E		
	1018379	Vault Shrink Sleeve for 5.5" Jacket	70	\$90.700	1			E		
	1018380	Vault Shrink Sleeve for 6.9" Jacket	70	\$97.600	1			E		
	1018381	Vault Shrink Sleeve for 7.9" Jacket	70	\$100.250	1			E		
	1021990	Tee Insulation Kit, 5.5", 6.9", 7.9"	71	\$862.800	1			E		
	1021991	Elbow Insulation Kit, 5.5", 6.9", 7.9"	71	\$775.200	1			E		
	1021992	Straight Insulation Kit, 5.5", 6.9", 7.9"	71	\$726.000	1			E		
	5015510	1" Thermal Single with 5.5" Jacket, 600-ft. coil	66	\$21.950	1			E		
	5015513	1 1/4" Thermal Single with 5.5" Jacket, 500-ft. coil	66	\$23.750	1			E		
	5016915	1 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	66	\$34.850	1			E		
	5016920	2" Thermal Single with 6.9" Jacket, 300-ft. coil	66	\$39.600	1			E		
	5016925	2 1/2" Thermal Single with 6.9" Jacket, 300-ft. coil	66	\$44.150	1			E		
	5017930	3" Thermal Single with 7.9" Jacket, 300-ft. coil	66	\$57.250	1			E		
	5017935	3 1/2" Thermal Single with 7.9" Jacket, 300-ft. coil	66	\$64.250	1			E		
	5017940	4" Thermal Single with 7.9" Jacket, 300-ft. coil	66	\$70.250	1			E		
	5026910	1" Thermal Twin with 6.9" Jacket, 600-ft. coil	66	\$27.950	1			E		
	5026913	1 1/4" Thermal Twin with 6.9" Jacket, 500-ft. coil	66	\$29.100	1			E		
	5026915	1 1/2" Thermal Twin with 6.9" Jacket, 300-ft. coil	66	\$39.600	1			E		
	5027920	2" Thermal Twin with 7.9" Jacket, 300-ft. coil	66	\$57.200	1			E		
	5027925	2 1/2" Thermal Twin with 7.9" Jacket, 300-ft. coil	66	\$72.150	1			E		
	5115513	1 1/4" Potable HDPE with 5.5" Jacket, 300-ft. coil	67	\$23.450	1			E		
	5115515	1 1/2" Potable HDPE with 5.5" Jacket, 300-ft. coil	67	\$24.850	1			E		
	5115520	2" Potable HDPE with 5.5" Jacket, 300-ft. coil	67	\$28.950	1			E		
	5116930	3" Potable HDPE with 6.9" Jacket, 300-ft. coil	67	\$41.100	1			E		
	5117940	4" Potable HDPE with 7.9" Jacket, 300-ft. coil	67	\$52.600	1			E		
	5215510	1" Potable PEX with 5.5" Jacket, 600-ft. coil	67	\$21.950	1			E		
	5215513	1 1/4" Potable PEX with 5.5" Jacket, 500-ft. coil	67	\$23.750	1			E		
	5216915	1 1/2" Potable PEX with 6.9" Jacket, 300-ft. coil	67	\$34.850	1			E		
	5216920	2" Potable PEX with 6.9" Jacket, 300-ft. coil	67	\$39.600	1			E		
	5217930	3" Potable PEX with 7.9" Jacket, 300-ft. coil	67	\$54.350	1			E		
New	5226910	1" Potable PEX Twin with 6.9" Jacket, 600-ft. coil	68	\$27.950	1			E		
New	5226913	1 1/4" Potable PEX Twin with 6.9" Jacket, 500-ft. coil	68	\$29.050	1			E		
New	5226915	1 1/2" Potable PEX Twin with 6.9" Jacket, 300-ft. coil	68	\$39.550	1			E		
New	5227920	2" Potable PEX Twin with 7.9" Jacket, 300-ft. coil	68	\$57.200	1			E		
	5550010	WIPEX Fitting 1" PEX x 1" NPT	68	\$69.800	1			E		
	5550013	WIPEX Fitting 1 1/4" PEX x 1 1/4" NPT	68	\$76.150	1			E		
	5550015	WIPEX Fitting 1 1/2" PEX x 1 1/2" NPT	68	\$100.750	1			E		
	5550020	WIPEX Fitting 2" PEX x 2" NPT	68	\$135.200	1			E		
	5550025	WIPEX Fitting 2 1/2" x 2" NPT	68	\$182.950	1			E		
	5550030	WIPEX Fitting 3" x 2 1/2" NPT	68	\$365.650	1			E		
	5550035	WIPEX Fitting 3 1/2" x 3" NPT	68	\$400.700	1			E		
	5550040	WIPEX Fitting 4" x 4" NPT	68	\$505.200	1			E		
	5550101	WIPEX Sleeve Pliers 1"-1 1/2"	68	\$97.450	1			E		
	5550102	WIPEX Sleeve Pliers 1 1/2"-3 1/2"	68	\$110.500	1			E		
	5550103	WIPEX Sleeve Pliers 3 1/2"-4"	68	\$175.950	1			E		

# Alphanumeric Listing 2011

New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Ecoflex	Product Application Category
	5855513	End Cap, 1" and 1 1/2" PEX Pipe with 5.5" Jacket	69	\$84.950	1			E	Plumbing
	5855520	End Cap, 1 1/4", 1 1/2" and 2" HDPE Pipe with 5.5" Jacket	69	\$87.850	1			E	
	5856930	End Cap, 1 1/2", 2", 2 1/2" PEX and 3" HDPE Pipe with 6.9" Jacket	69	\$103.750	1			E	
	5857940	End Cap 3, 3 1/2, 4" PEX and 4" HDPE pipe, 7.9" Jacket	69	\$113.350	1			E	
	5956915	Twin End Cap, 1", 1 1/4" and 1 1/2" PEX Pipe with 6.9" Jacket	69	\$128.650	1			E	
	5957925	Twin End Cap, 2" and 2 1/2" PEX Pipe with 7.9" Jacket	69	\$160.600	1			E	
	A1140313	3/8" Wirbo hePEX, 100-ft. coil	8	\$62.550	1				
	A1140375	3/8" Wirbo hePEX, 100-ft. coil	8	\$105.050	1			R	
	A1140500	1/2" Wirbo hePEX, 100-ft. coil	8	\$78.950	1			R	
	A1140625	5/8" Wirbo hePEX, 100-ft. coil	8	\$101.950	1			R	
	A1140750	3/4" Wirbo hePEX, 100-ft. coil	8	\$145.800	1			R	
	A1141000	1" Wirbo hePEX, 100-ft. coil	8	\$204.550	1			R	
	A1141250	1 1/4" Wirbo hePEX, 100-ft. coil	8	\$364.000	1			R	
	A1141500	1 1/2" Wirbo hePEX, 100-ft. coil	8	\$540.800	1			R	
	A1142000	2" Wirbo hePEX, 100-ft. coil	8	\$940.000	1			R	
	A1143500	3 1/2" Wirbo hePEX, 100-ft. coil	8	\$2,369.100	1			R	
	A1144000	4" Wirbo hePEX, 100-ft. coil	8	\$3,142.900	1			R	
	A1180313	3/8" Wirbo hePEX, 250-ft. coil	8	\$156.350	1			R	
	A1210375	5/8" Wirbo hePEX, 400-ft. coil	8	\$420.150	1			R	
	A1220313	5/8" Wirbo hePEX, 1,000-ft. coil	8	\$625.350	1			R	
	A1220375	3/8" Wirbo hePEX, 1,000-ft. coil	8	\$1,050.400	1			R	
	A1220500	1/2" Wirbo hePEX, 1,000-ft. coil	8	\$789.350	1			R	
	A1220625	5/8" Wirbo hePEX, 1,000-ft. coil	8	\$1,019.600	1			R	
	A1240750	3/4" Wirbo hePEX, 500-ft. coil	8	\$729.100	1			R	
	A1241000	1" Wirbo hePEX, 500-ft. coil	8	\$1,022.850	1			R	
	A1250500	1 1/2" Wirbo hePEX, 300-ft. coil	8	\$236.800	1			R	
	A1250625	5/8" Wirbo hePEX, 300-ft. coil	8	\$305.900	1			R	
	A1250750	3/4" Wirbo hePEX, 300-ft. coil	8	\$437.450	1			R	
	A1251000	1" Wirbo hePEX, 300-ft. coil	8	\$613.750	1			R	
	A1251250	1 1/4" Wirbo hePEX, 300-ft. coil	8	\$1,092.000	1			R	
	A1251500	1 1/2" Wirbo hePEX, 300-ft. coil	8	\$1,622.400	1			R	
	A1252000	2" Wirbo hePEX, 300-ft. coil	8	\$2,820.000	1			R	
	A1252500	2 1/2" Wirbo hePEX, 300-ft. coil	8	\$3,641.100	1			R	
	A1253000	3" Wirbo hePEX, 300-ft. coil	8	\$5,215.200	1			R	
	A1260500	1 1/2" Wirbo hePEX, 500-ft. coil	8	\$394.700	1			R	
	A1921000	1" Wirbo hePEX, 20-ft. straight length, 200 ft. (10 per bundle)	9	\$439.250	1			R	
	A1921250	1 1/4" Wirbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	9	\$364.000	1			R	
	A1921500	1 1/2" Wirbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	9	\$540.800	1			R	
	A1922000	2" Wirbo hePEX, 20-ft. straight length, 100 ft. (5 per bundle)	9	\$940.000	1			R	
	A1930625	5/8" Wirbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	9	\$329.850	1			R	
	A1930750	3/4" Wirbo hePEX, 20-ft. straight length, 300 ft. (15 per bundle)	9	\$392.250	1			R	
	A1992000	2" Wirbo hePEX Expansion Joint	9	\$60.000	1			R	
	A2072500	TruFLOW Support Bracket, set of 2	16	\$61.250	1			R	
	A2080020	Brass Manifold Loop End Cap, R20	23	\$8.400	10			R	
	A2080032	Basic End Cap, R32	16	\$19.050	10			R	
	A2123210	Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	23	\$15.850	10			R	
	A2133275	Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	23	\$22.600	10			R	
	A2400020	Brass Manifold Loop End Cap Gasket, spare part	18, 23	\$2.850	10			R	
	A2402000	2" Copper End Cap Spun End with Drain and Vent Connections	26	\$138.950	1			R	
	A2403232	Manifold Gasket, spare part	18	\$2.250	10			R	
New	A2450028	Manifold Valve Replacement (Brass)	37	\$23.850	10			R	
New	A2450029	3/4" Zone Valve Cartridge, (replacement part)	37	\$45.650	10			R	
New	A2450030	1" Zone Valve Cartridge, (replacement part)	37	\$47.600	10			R	
	A2603524	Manifold Wall Cabinet, 35.5" H x 24" W x 3.5" D	13	\$471.250	1			R	
	A2603530	Manifold Wall Cabinet, 35.5" H x 30.5" W x 3.5" D	13	\$535.500	1			R	
	A2603539	Manifold Wall Cabinet, 35.5" H x 39" W x 3.5" D	13	\$588.000	1			R	

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New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
	A2603588	EP Heating Manifold Wall Cabinet Bracket Kit, set of 2	22	\$41.350	1		Radiant	Plumbing
	A2610020	TruFLOW Manifold Loop Thermometer	18	\$37.300	10		R	
	A2610100	TruFLOW Classic Manifold Extension Kit, 2 loops	17	\$344.750	1		R	
	A2610120	Thermometer with Well, replacement part	18	\$25.300	10		R	
	A2610200	TruFLOW Classic Assembly, B&I, 2-loop	14	\$385.050	1		R	
	A2610300	TruFLOW Classic Assembly, B&I, 3-loop	14	\$481.100	1		R	
	A2610400	TruFLOW Classic Assembly, B&I, 4-loop	14	\$572.600	1		R	
	A2610500	TruFLOW Classic Assembly, B&I, 5-loop	14	\$691.100	1		R	
	A2610600	TruFLOW Classic Assembly, B&I, 6-loop	14	\$784.900	1		R	
	A2610700	TruFLOW Classic Assembly, B&I, 7-loop	14	\$883.600	1		R	
	A2610800	TruFLOW Classic Assembly, B&I, 8-loop	14	\$1,004.550	1		R	
	A2611000	TruFLOW Classic Assembly, B&I, 10-loop	14	\$1,232.950	1		R	
	A2611200	TruFLOW Classic Assembly, B&I, 12-loop	14	\$1,425.850	1		R	
	A2620002	TruFLOW Manifold Balancing Hex Key, replacement part	18	\$6.150	10		R	
	A2620005	Replacement Gasket for R32 Union Connections	18	\$0.400	10		R	
	A2620006	TruFLOW Classic Manifold Bracket, single bracket replacement part	16	\$40.700	10		R	
Disc.	A2620007	Silicone Oil, 1.76 oz. bottle, optional part	18	\$7.700	10		R	
	A2620008	Replacement O-ring for 1/2" BSP Connections	18	\$0.600	10		R	
	A2620009	Replacement O-ring for TruFLOW Flow/Temperature Meter	18	\$0.450	10		R	
	A2620045	TruFLOW Classic Manifold Offset Union, R32 Union x 1/4" BSP	17	\$26.600	10		R	
	A2620090	TruFLOW Classic Manifold Elbow Union, R32 Union x 1/4" BSP	17	\$25.550	10		R	
	A2621010	TruFLOW Manifold Coupling Nipple, 1/4" BSP x 1/4" BSP	17	\$17.500	10		R	
	A2630028	TruFLOW Manifold Actuator Adapter, replacement part	17	\$2.950	10		R	
	A2631250	TruFLOW Manifold Supply and Return Ball Valves, one set	16	\$235.050	1		R	
	A2640006	TruFLOW Jr. Manifold Mounting Bracket, single bracket	16	\$26.950	10		R	
	A2640015	TruFLOW Visual Flow Meter, 0.15 to 0.8 gpm	18	\$34.050	10		R	
	A2640027	TruFLOW Visual Flow Meter, 0.25 to 2.0 gpm	18	\$34.050	10		R	
	A2650004	Replacement O-ring for 1/2" BSP Connections	18	\$0.300	10		R	
	A2660200	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 2-loop	14	\$240.700	1		R	
	A2660201	TruFLOW Jr. Assembly, B&I, 2-loop	14	\$308.100	1		R	
	A2660300	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 3-loop	14	\$299.150	1		R	
	A2660301	TruFLOW Jr. Assembly, B&I, 3-loop	14	\$380.300	1		R	
	A2660400	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 4-loop	14	\$348.700	1		R	
	A2660401	TruFLOW Jr. Assembly, B&I, 4-loop	14	\$449.850	1		R	
	A2660500	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 5-loop	14	\$420.600	1		R	
	A2660501	TruFLOW Jr. Assembly, B&I, 5-loop	14	\$544.950	1		R	
	A2660600	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 6-loop	14	\$469.400	1		R	
	A2660601	TruFLOW Jr. Assembly, B&I, 6-loop	14	\$619.150	1		R	
	A2660700	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 7-loop	14	\$526.950	1		R	
	A2660701	TruFLOW Jr. Assembly, B&I, 7-loop	14	\$695.650	1		R	
	A2660800	TruFLOW Jr. Assembly, Balancing Valves and Valveless, 8-loop	14	\$571.850	1		R	
	A2660801	TruFLOW Jr. Assembly, B&I, 8-loop	14	\$795.350	1		R	
	A2663202	TruFLOW Jr. Valveless, 2-loop	15	\$76.950	1		R	
	A2663203	TruFLOW Jr. Valveless, 3-loop	15	\$97.200	1		R	
	A2663204	TruFLOW Jr. Valveless, 4-loop	15	\$109.050	1		R	
	A2663212	TruFLOW Jr. Manifold Balancing Valves, 2-loop	15	\$120.700	1		R	
	A2663213	TruFLOW Jr. Manifold Balancing Valves, 3-loop	15	\$142.000	1		R	
	A2663214	TruFLOW Jr. Manifold Balancing Valves, 4-loop	15	\$166.250	1		R	
	A2663222	TruFLOW Jr. Isolation Valves, 2-loop	15	\$133.250	1		R	
	A2663223	TruFLOW Jr. Isolation Valves, 3-loop	15	\$176.100	1		R	
	A2663224	TruFLOW Jr. Isolation Valves, 4-loop	15	\$218.050	1		R	
	A2670001	EP Heating Manifold Single Section with Isolation Valve	21	\$30.500	1		R	
	A2670003	EP Heating Manifold Single Section with Balancing Valve and Flow Meter	21	\$42.500	1		R	
	A2670004	EP Heating Manifold Isolation Valve Body, replacement part	22	\$16.900	1		R	
	A2670005	EP Heating Manifold Flow Meter Valve Body, replacement part	22	\$20.500	1		R	
	A2670006	EP Heating Manifold Mounting Bracket, set of 2	21	\$19.650	1		R	

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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
	A2670007	EP Heating Manifold Valve Replacement Tool	22	\$13,500	1		R	Plumbing
	A2670008	EP Heating Manifold Replacement O-ring 28.5 x 3mm EPDM	22	\$1,150	10		R	
	A2670032	EP Heating Manifold Connection Piece with R32 Union and Thermometer	21	\$120,500	1		R	
	A2670090	EP Heating Manifold Elbow, set of 2	21	\$32,000	1		R	
	A2670132	EP Heating Manifold Thermometer, set of 2	22	\$30,900	1		R	
	A2670201	EP Heating Manifold Assembly with Flow Meter, 2-loop	20	\$277,950	1		R	
	A2670301	EP Heating Manifold Assembly with Flow Meter, 3-loop	20	\$322,850	1		R	
	A2670401	EP Heating Manifold Assembly with Flow Meter, 4-loop	20	\$399,500	1		R	
	A2670501	EP Heating Manifold Assembly with Flow Meter, 5-loop	20	\$437,850	1		R	
	A2670601	EP Heating Manifold Assembly with Flow Meter, 6-loop	20	\$494,500	1		R	
	A2670701	EP Heating Manifold Assembly with Flow Meter, 7-loop	20	\$538,550	1		R	
	A2670801	EP Heating Manifold Assembly with Flow Meter, 8-loop	20	\$610,500	1		R	
	A2671250	EP Heating Manifold End Cap with Vent and Drain	21	\$37,950	1		R	
	A2671300	EP Heating Manifold Actuator Adapter	22	\$4,850	10		R	
	A2803250	End Cap with Vent, R32	16	\$96,600	1		R	
	A3010100	Single-zone Pump Relay	37	\$147,050	1		R	
	A3010522	Thermal Actuator, four-wire	36	\$99,900	100		R	
	A3010525	¾" Thermal Zone Valve, four-wire	37	\$239,050	25		R	
	A3010526	1" Thermal Zone Valve, four-wire	37	\$270,200	25		R	
New	A3019900	Green spacer ring VA33 for white Thermal Actuators	36	\$5,050	5		R	
	A3020416	Thermal Actuator, two-wire	36	\$81,350	100		R	
	A3020522	Motorized Valve Actuator (MVA), four-wire	37	\$162,550	50		R	
	A3030003	Three-zone Control Module	36	\$120,650	1		R	
	A3030004	Four-zone Control Module	36	\$139,150	1		R	
	A3030009	Replacement Fuse (2 amps), 4/pkg.	36	\$13,400	1		R	
	A3030010	Replacement Fuse (4 amps), 4/pkg.	36	\$10,950	1		R	
	A3030101	Heat-only Thermostat, two-wire	35	\$86,500	1		R	
	A3030102	Heat and Cool Thermostat	35	\$120,050	1		R	
	A3030522	Two-wire Thermal Actuator (for EP Heating Manifold)	34	\$51,200	1		R	
	A3030523	Two-wire Thermal Actuator (for TruFlow Classic and Jr. Valved Manifolds)	34	\$50,900	1		R	
	A3040007	Cover Plate for 500 Series Controllers	35	\$36,100	10		R	
	A3040079	Floor Sensor, replacement part	35	\$74,450	1		R	
	A3040150	SetPoint 150 Controller	35	\$438,250	1	A3041501	R	
	A3040501	SetPoint 501, Single-stage SetPoint Controller	35	\$190,250	1		R	
	A3040512	SetPoint 512, Two-Stage Programmable Controller	35	\$321,950	1		R	
	A3041501	SetPoint 501s, Single-stage SetPoint Controller with floor sensor	35	\$264,600	1		R	
	A3041511	SetPoint 511s, Single-stage Programmable Controller with floor sensor	35	\$329,600	1		R	
	A3050050	50 VA Transformer	37	\$43,900	1		R	
	A3070525	¾" MVA Zone Valve, four-wire	37	\$249,200	25		R	
	A3070526	1" MVA Zone Valve, four-wire	37	\$325,150	25		R	
	A3080301	Three-zone Multi-pump Relay	37	\$365,650	1		R	
	A3080404	Powered Four-zone Controller	36	\$272,850	1		R	
	A3080406	Powered Six-zone Controller	36	\$344,800	1		R	
	A3509000	proPanel 90	44	\$1,560,000	1		R	
	A3509002	proPanel 90Z	44	\$2,244,000	1		R	
	A3509500	proPanel 90M	44	\$2,244,000	1		R	
	A3509502	proPanel 90MZ	44	\$2,830,000	1		R	
	A3600005	Zoning Language Stick, replacement part	34	\$42,650	1		R	
	A3600010	Slab Sensor for T-54 Thermostat, 12-ft. lead	33, 34	\$30,300	1		R	
	A3600054	Zoning Thermostat (T-54), white	33	\$159,650	1		R	
	A3600075	Zoning Thermostat (T-75), white	33	\$109,450	1		R	
	A3600154	Zoning Thermostat Mounting Kit, T-54	34	\$10,050	1		R	
	A3600175	Zoning Thermostat Mounting Kit, white	33	\$8,800	1		R	
	A3600254	Outdoor Sensor for T-54 Thermostat, 15-ft. lead	34	\$104,250	1		R	
	A3600275	Zoning Thermostat (T-75), silver	33	\$166,050	1		R	
	A3600375	Zoning Thermostat Mounting Kit, silver	33	\$23,800	1		R	

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New or Disc.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
	A3600375	Zoning Thermostat Mounting Kit, silver	33	\$23.800	1		R	Plumbing
	A3601000	Climate Control Zoning System Starter Kit, (Base Unit, Interface, Cables, Antenna)	33	\$712.200	1		R	
	A3601001	Zoning Base Unit Antenna, replacement part	34	\$231.200	1		R	
	A3601002	Zoning Cable Kit	34	\$21.700	1		R	
	A3601012	Zoning Base Unit (C-55), 12 zones	33	\$439.100	1		R	
	A3601075	Zoning Interface (I-75)	34	\$295.800	1		R	
	A4010313	5/16" Repair Coupling	56	\$28.850	10		R	
	A4020313	5/16" Q5-style Compression Fitting Assembly, R20 thread	24	\$16.650	10		R	
	A4020375	5/8" Q5-style Compression Fitting Assembly, R20 thread	24	\$16.200	10		R	
	A4020500	1/2" Q5-style Compression Fitting Assembly, R20 thread	24	\$12.550	10		R	
	A4020625	3/4" Q5-style Compression Fitting Assembly, R20 thread	24	\$13.650	10		R	
	A4020750	5/8" Q5-style Compression Fitting Assembly, R25 thread	24	\$16.650	10		R	
	A4021000	Replacement O-ring for insert (R25)	24	\$24.900	10		R	
	A4021116	Replacement O-ring for insert (R20)	24	\$0.400	10		R	
	A4030625	5/8" Q5-style Compression Fitting Assembly, R25 thread	24	\$21.500	10		R	
	A4133210	Brass Manifold Adapter, R32 x 1" Adapter or 1/4" Fitting Adapter	23	\$16.800	10		R	
	A4143210	Brass Manifold Adapter, R32 x 3/4" Adapter or 1" Fitting Adapter	23	\$21.850	10		R	
	A4143220	Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	23	\$23.950	10		R	
	A4143225	Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	23	\$23.950	10		R	
	A4160313	5/16" Q5-style Compression Ring, spare part	24	\$3.800	10		R	
	A4160375	5/8" Q5-style Compression Ring, spare part	24	\$3.100	10		R	
	A4160500	1/2" Q5-style Compression Ring, spare part	24	\$3.650	10		R	
	A4160625	5/8" Q5-style Compression Ring, spare part	24	\$3.750	10		R	
	A4160750	3/4" Q5-style Compression Ring, spare part	24	\$9.150	10		R	
	A4322020	Q5-style Coupling Nipple, R20 x R20	56	\$9.700	10		R	
	A4322050	Q5-style Conversion Nipple, R20 x 1/2" NPT	56	\$11.250	10		R	
	A4322075	Q5-style Conversion Nipple, R20 x 3/4" NPT	56	\$11.750	10		R	
Disc.	A4322510	Q5-style Conversion Nipple, R25 x 1" NPT, (for 3/4" and 5/8" tubing only)	56	\$21.000	10		R	
	A4322525	Q5-style Coupling Nipple, R25 x R25 (for 3/4" and 5/8" tubing only)	56	\$18.350	10		R	
	A4322575	Q5-style Conversion Nipple, R25 x 3/4" NPT (for 3/4" tubing only)	56	\$15.650	10		R	
	A4332050	Q5-style Copper Adapter, R20 x 1/2" Copper	56	\$9.300	10		R	
	A4332075	Q5-style Copper Adapter, R20 x 3/4" Copper	56	\$9.900	10		R	
	A4332575	Q5-style Copper Adapter, R25 x 3/4" Copper (for 3/4" and 5/8" tubing only)	56	\$17.800	10		R	
	A4342050	Q5-style Copper Fitting Adapter, R20 x 1/2" Copper	56	\$9.950	10		R	
	A4342075	Q5-style Copper Fitting Adapter, R20 x 3/4" Copper	56	\$9.750	10		R	
	A4342510	Q5-style Copper Fitting Adapter, R25 X 1" Copper (for 3/4" and 5/8" tubing only)	56	\$9.550	10		R	
	A4342575	Q5-style Copper Fitting Adapter, R25 X 3/4" Copper (for 3/4" and 5/8" tubing only)	56	\$17.900	10		R	
	A4372075	Q5-style Baseboard Elbow, R20 x 3/4" Copper Fitting Adapter	57	\$20.550	10		R	
	A4382075	Q5-style Baseboard Elbow, R20 x 3/4" Copper Adapter	57	\$12.150	10		R	
	A4392075	Q5-style Baseboard Tee, R20 x 3/4" Copper Adapter	57	\$19.050	10		R	
	A5060701	Quick Trak 7" x 48" Panels	61	\$16.850	10		R	
	A5060702	Quick Trak 7" x 48" Return Panels	61	\$25.050	10		R	
	A5060712	Quick Trak 12" x 48" Combo Panel, 6 runs with return	61	\$41.200	5		R	
	A5060722	Quick Trak 12" x 12" Combo 90, 6 runs	61	\$11.050	5		R	
	A5060732	Quick Trak 7" x 12" Combo Access Panel, 6 runs with 1 access	61	\$11.150	6		R	
	A5060761	Quick Trak 7" x 48" x 6 Panels (fully assembled set)	61	\$115.500	1		R	
	A5080375	Joist Trak, 3/8" Heat Transfer Panel	62	\$12.600	20		R	
	A5080500	Joist Trak, 1/2" Heat Transfer Panel	62	\$14.500	20		R	
	A5110375	3/8" Metal Bend Support	125	\$3.039	50		R	P
	A5110500	1/2" Metal Bend Support	125	\$3.749	50		R	P
	A5110625	5/8" Metal Bend Support	125	\$4.300	50		R	P
	A5110750	3/4" Metal Bend Support	125	\$12.164	25		R	P
	A5150375	3/8" Plastic Bend Support	125	\$1.700	25		R	P
	A5150750	3/4" Plastic Bend Support	125	\$3.667	50		R	P
	A5250500	1/2" Plastic Bend Support	125	\$2.029	25		R	P
	A5400102	1" Three-way Tempering Valve	32	\$317.450	1		R	



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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
	A5401110	1" Three-way Tempering Valve Replacement Gaskets, set of three	32	\$8.700	1		Radiant	Plumbing
	A5401112	1" Three-way Tempering Valve with Union	32	\$332.800	1		R	
	A5410750	¾" Differential Pressure By-pass Valve	32	\$360.600	1		R	
	A5411000	1" Differential Pressure By-pass Valve	32	\$410.950	1		R	
	A5500500	¾" PVC Elbow for ¾" and ½" PEX Bend Support	125	\$2.421	25		R	F P
	A5500625	1" PVC Elbow for ¾" PEX Bend Support	125	\$3.500	25		R	
	A5500750	1½" PVC Elbow for ¾" PEX Bend Support	125	\$5.665	20		R	F P
	A5501000	1½" PVC Elbow for 1" PEX Bend Support	125	\$7.550	25		R	F P
	A5700500	½" PEX Rail, 6.5 ft.	127	\$8.168	16		R	F P
	A5700625	¾" PEX Rail, 6.5 ft.	127	\$9.700	16		R	
	A5700750	¾" PEX Rail, 6.5 ft.	127	\$13.297	16		R	F P
	A5750500	PEX Wall Support Bracket, ½" and ¾"	126	\$5.840	25		R	P
	A5802075	Ball Valve, R20 Thread x ¾" Copper Adapter	26	\$27.850	10		R	
	A5802575	Ball Valve, R25 Thread x ¾" Copper Adapter	26	\$32.100	10		R	
	A5902075	Ball and Balancing Valve, R20 Thread x ¾" Copper Adapter	26	\$56.900	10		R	
	A5902575	Ball and Balancing Valve, R25 Thread x ¾" Copper Adapter	26	\$58.700	10		R	
	A7011250	1½" Metal Staples, 10,000/pkg.	130	\$168.900	1		R	
	A7015050	1½" Plastic Foam Staples, 300/pkg.	130	\$86.750	1		R	
	A7015075	2½" Plastic Foam Staples, 300/pkg.	129	\$29.000	5		R	
	A7031000	Fixing Wire, 1,000/bundle	128	\$44.950	1		R	
Disc.	A7040250	U-shaped Tube Fastener, 250/pkg.	128	\$22.547	1		R	F P
	A7250500	Tube Clamp Suspension (½ PEX), 100/pkg.	128	\$11.454	1		R	F P
	A7250750	Tube Clamp Suspension (¾ PEX), 50/pkg.	128	\$33.660	1		R	F P
	A7350500	Tube Clamp Standard (½ PEX), 100/pkg.	128	\$9.754	1		R	F P
	A7350750	Tube Clamp Standard (¾ PEX), 50/pkg.	80	\$8.800	5		R	F
	A7750700	Fire Sprinkler Adapter Mounting Bracket, ¾" and 1"	32	\$36.150	1		R	
	A8010002	Data Stick, replacement part	32	\$354.450	1		R	
	A8010004	Replacement Display	30	\$1,148.600	1		R	
	A8020000	Climate Control Multifunction Hydronic Controller	40	\$595.850	1		R	
	A9010000	Control Cabinet, 4-position	40	\$542.300	1		R	
	A9010001	Control Cabinet, 3-position	40	\$464.300	1		R	
	A9010002	Control Cabinet, 2-position	40	\$408.900	1		R	
Disc.	A9010003	Control Cabinet, 1-position	41	\$2,254.500	1		R	
	A9010201	VOC-CO2 Indoor Air Quality Sensor, optional	40	\$86.200	1		R	
	A9010501	Thermal Valve Actuator with Molex Plug	42	\$282.450	1		R	
	A9010510	Surface-mount Thermostat, vertical display	42	\$209.650	1		R	
	A9010520	Flush-mount Thermostat, vertical display	42	\$246.950	1		R	
	A9010530	Flush-mount Thermostat, horizontal display	42	\$260.050	1		R	
	A9010540	Wall Sensor, no display	42	\$36.350	1		R	
	A9010599	Slab Sensor, 10k	39	\$1,766.450	1		R	
	A9011000	Router Main Control (RTR)	32	\$80.050	1		R	
	A9011001	Outdoor Sensor, 10k, replacement part	43	\$27.050	1		R	
	A9011002	Network Wire Converter	43	\$41.650	1		R	
	A9011003	Network Y-Connector	40	\$557.250	1		R	
	A9011100	Furnace and Air Condition Control (FAC)	41	\$497.250	1		R	
	A9011200	Heat Recovery Ventilator Control (HRV)	41	\$617.900	1		R	
	A9011400	Zone Valve and Damper Control (ZVD)	40	\$977.150	1		R	
	A9011500	Digital Zone Control Module (DZCM)	40	\$16.250	1		R	
New	A9011501	1" Actuator Whip with Molex Plug	40	\$37.800	1		R	
	A9011510	10' Actuator Extension for A9010501	41	\$684.050	1		R	
	A9011600	Network Generic Input/Output (GIO)	39	\$1,020.850	1		R	
	A9012000	Primary Equipment Control (PEC)	32, 43	\$52.500	1		R	
	A9012002	Domestic Hot Water (DHW) Tank Sensor, 10k	43	\$69.100	1		R	
	A9012003	Domestic Hot Water (DHW) Recirculation Sensor, 10k	43	\$397.600	1		R	
	A9012004	System Pressure Sensor, On-Off	43	\$66.050	1		R	
	A9012005	Outdoor Sensor, 10k	43		1		R	

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New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Ecoflex	Fire	Plumbing
	A9012010	Boiler Relay, On-Off	30, 41	\$72,200	1		R			
	A9012020	Boiler Relay, Modulating 0-10VDC	41	\$61,100	1		R			
	A9013000	Supply Water Temperature Control (SWT)	39	\$1,015,350	1		R			
	A9013001	Supply and Return Sensor, 10k	32, 43	\$79,600	1		R			
	A9013021	¾" Three-way Modulating Valve with Control, 0-10v (Cv = 4.7)	31, 42	\$756,150	1		R			
	A9013022	1" Three-way Modulating Valve with Control, 0-10v (Cv = 10)	31, 42	\$756,450	1		R			
	A9013023	1½" Three-way Modulating Valve with Control, 0-10v (Cv = 19)	31, 42	\$811,050	1		R			
	A9013024	1½" Three-way Modulating Valve with Control, 0-10v (Cv = 29)	31, 42	\$1,025,900	1		R			
New	A9013026	2" Three-way Modulating Valve without Control, 0-10v (Cv = 46)	31, 42	\$1,198,650	1		R			
	A9013030	Pump Relay, On-Off	31, 41	\$115,050	1		R			
	A9013040	Network Variable Speed Pump Control, Modulating 0-10VDC	41	\$59,550	1		R			
Disc.	A9013051	Snow-melt Control, includes 10k sensor and well	31, 42	\$279,750	1		R			
Disc.	A9013052	Automatic Snow and Ice Sensor, includes cup and sensor	31, 42	\$2,037,450	1		R			
	A9013053	Snow-melt Slab Sensor (60 ft.), replacement part	31, 42	\$105,350	1		R			
New	A9013060	Snow-melt Rough-in Kit and well	31, 42	\$193,850	1		R			
New	A9013061	Snow-melt Control with Slab Sensor, 60-ft. lead	31, 42	\$211,450	1		R			
New	A9013062	Automatic Snow and Ice Sensor Assembly, 60-ft. lead	31, 42	\$1,746,600	1		R			
New	A9013064	Snow-melt Sensor Well, replacement part	31, 42	\$115,000	1		R			
New	A9013065	Snow-melt Control only, replacement part	31, 42	\$168,550	1		R			
New	A9013066	Plastic Sensor Cup with Cover, replacement part	31, 42	\$152,500	1		R			
New	A9013067	Clay for Automatic Sensor, replacement part	31, 42	\$22,000	1		R			
New	A9013069	PVC Fitting Adapter, ¾" x ½" FPT	31, 42	\$2,600	1		R			
New	A9013070	Metal Cover for Snow-melt Cup	31, 42	\$25,000	1		R			
	A9013098	Replacement Powerhead only for ¾" and 1" valves, replacement part	31, 42	\$325,650	1		R			
	A9013099	Replacement Powerhead only for 1¼" and 1½" valves, replacement part	31, 42	\$556,600	1		R			
	A9014000	Zone Pump Control (ZPC)	40	\$1,012,200	1		R			
	A9030001	Cat5 Patch Cable (1 ft.)	32	\$7,500	1		R			
	A9030003	Cat5 Patch Cable (3 ft.)	32	\$10,900	1		R			
	A9030007	Cat5 Patch Cable (7 ft.)	32	\$15,900	1		R			
	A9030015	Cat5 Patch Cable (15 ft.)	32	\$28,500	1		R			
	A9030100	Cable Tester	32	\$331,700	1		R			
	A9030111	RJ45 Connectors, 50 pack	32	\$99,750	50		R			
	A9030200	Cat5 Cable Stripper	32	\$75,200	1		R			
	A9030300	Modular Plug Crimping Tool	32	\$151,600	1		R			
	A9031000	Cat5 Wire, 1,000-ft. roll	32	\$361,200	1		R			
	A9060001	Main Panel Power Cable with Plug (24vac), replacement part	40	\$30,500	1		R			
	A9060002	Main Panel Interconnect Cable with Plugs, replacement part	40	\$40,350	1		R			
	A9063020	Modulating Valve Control, 0-10v	31, 42	\$85,400	1		R			
	A9070000	Touch Panel Interface (TPi)	43	\$2,840,000	1		R			
	A9090000	Uponor Configuration Tool (UCT 1.2) Software Package	43	\$604,850	1		R			
	B1812000	2" x 20' HDPE Tubing (straight length)	11, 27	\$115,300	1		R			
	B1813000	3" x 20' HDPE Tubing (straight length)	11, 27	\$222,400	1		R			
	B1814000	4" x 20' HDPE Tubing (straight length)	11, 27	\$338,800	1		R			
	B2162000	HDPE 90-degree Elbow, 2" HDPE x 2" HDPE	28	\$44,750	1		R	E		
	B2163000	HDPE 90-degree Elbow, 3" HDPE x 3" HDPE	28	\$89,550	1		R	E		
	B2164000	HDPE 90-degree Elbow, 4" HDPE x 4" HDPE	28	\$132,100	1		R	E		
	B2172000	HDPE Tee, 2" HDPE x 2" HDPE x 2" HDPE	28	\$57,650	1		R	E		
	B2173000	HDPE Tee, 3" HDPE x 3" HDPE x 3" HDPE	28	\$97,600	1		R	E		
	B2174000	HDPE Tee, 4" HDPE x 4" HDPE x 4" HDPE	28	\$143,400	1		R	E		
	B2182000	2" HDPE Flange Adapter	28	\$83,700	1		R	E		
	B2183000	3" HDPE Flange Adapter	28	\$109,450	1		R	E		
	B2184000	4" HDPE Flange Adapter	28	\$122,850	1		R	E		
	B2192000	2" HDPE Flange Backup Ring	28	\$69,450	1		R	E		
	B2192500	HDPE 45-degree Elbow, 2" HDPE x 2" HDPE	28	\$44,400	1		R	E		
	B2193000	3" HDPE Flange Backup Ring	28	\$67,750	1		R	E		
	B2193500	HDPE 45-degree Elbow, 3" HDPE x 3" HDPE	28	\$88,500	1		R	E		

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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application	Category
	B2194000	4" HDPE Flange Backup Ring	28	\$75.750	1		R	E	Plumbing
	B2194500	HDPE 45-degree Elbow, 4" HDPE x 4" HDPE	28	\$130.950	1		R	E	
	B2202000	HDPE End Cap, 2" HDPE	28	\$23.100	1		R	E	
	B2203000	HDPE End Cap, 3" HDPE	28	\$50.200	1		R	E	
	B2204000	HDPE End Cap, 4" HDPE	28	\$77.550	1		R	E	
	B2223020	HDPE Reducing Coupling, 3" HDPE x 2" HDPE	28	\$53.800	1		R	E	
	B2224020	HDPE Reducing Coupling, 4" HDPE x 2" HDPE	28	\$81.550	1		R	E	
	B2224030	HDPE Reducing Coupling, 4" HDPE x 3" HDPE	28	\$82.250	1		R	E	
	B2252751	2" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2252752	2" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2253751	3" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2253752	3" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2254751	4" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2254752	4" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, ¾" ProPEX	27	Call for Pricing	1		R		
	B2272101	2" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	B2272102	2" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	B2273101	3" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	B2273102	3" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	B2274101	4" x 10" HDPE Valveless Manifold (12" o.c.), 10 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	B2274102	4" x 20" HDPE Valveless Manifold (12" o.c.), 20 outlet, 1" ProPEX	27	Call for Pricing	1		R		
	C1001250	Ecoflex Potable Plus 1¼"	67	\$38.400	1		E		
	C3001000	Heat-trace Accessory Kit	67	\$356.400	1		E		
	D1140750	¾" MLC Tubing, 100-ft. coil	10	\$257.850	1		R		
	D1141000	1" MLC Tubing, 100-ft. coil	10	\$431.850	1		R		
	D1220500	½" MLC Tubing, 1,000-ft. coil	10	\$1,380.000	1		R		
	D1220625	¾" MLC Tubing, 1,000-ft. coil	10	\$1,629.900	1		R		
	D1240750	¾" MLC Tubing, 500-ft. coil	10	\$1,289.050	1		R		
	D1250500	½" MLC Tubing, 300-ft. coil	10	\$414.000	1		R		
	D1250625	¾" MLC Tubing, 300-ft. coil	10	\$489.000	1		R		
	D1250750	¾" MLC Tubing, 300-ft. coil	10	\$773.450	1		R		
	D1251000	1" MLC Tubing, 300-ft. coil	10	\$1,296.800	1		R		
	D4020500	½" MLC Press Fitting Assembly, R20 thread	25	\$18.600	10		R		
	D4020625	¾" MLC Press Fitting Assembly, R20 thread	25	\$24.350	10		R		
	D4030625	¾" MLC Press Fitting Assembly, R25 thread	25	\$18.500	10		R		
	D4030750	¾" MLC Press Fitting Assembly, R25 thread	25	\$19.800	10		R		
	D4120500	½" MLC Tubing Compression Fitting Assembly, R20 thread	25	\$17.350	10		R		
	D4120625	¾" MLC Tubing Compression Fitting Assembly, R20 thread	25	\$33.550	10		R		
	D4120750	¾" MLC Tubing Compression Fitting Assembly, R25 thread	25	\$32.100	10		R		
	D4143210	MLC Press Fitting Manifold Straight Adapter, R32 x 1" MLC Press Fitting	60	\$28.400	10		R		
	D4143263	MLC Press Fitting Manifold Straight Adapter, R32 x ¾" MLC Press Fitting	60	\$27.550	10		R		
	D4143275	MLC Press Fitting Manifold Straight Adapter, R32 x ¾" MLC Press Fitting	60	\$27.550	10		R		
	D4153210	MLC Press Fitting Manifold Elbow Adapter, R32 x 1" MLC Press Fitting	60	\$29.450	10		R		
	D4153263	MLC Press Fitting Manifold Elbow Adapter, R32 x ¾" MLC Press Fitting	60	\$30.050	10		R		
	D4153275	MLC Press Fitting Manifold Elbow Adapter, R32 x ¾" MLC Press Fitting	60	\$30.000	10		R		
	D4375075	MLC Press Fitting Baseboard Elbow, ½" MLC Tubing x ¾" Copper Fitting Adapter	60	\$21.750	10		R		
	D4376375	MLC Press Fitting Baseboard Elbow, ¾" MLC Tubing x ¾" Copper Fitting Adapter	60	\$21.750	10		R		
	D4377575	MLC Press Fitting Baseboard Elbow, ¾" MLC Tubing x ¾" Copper Fitting Adapter	60	\$21.750	10		R		
	D4385075	MLC Press Fitting Baseboard Elbow, ½" MLC Tubing x ¾" Copper Adapter	60	\$24.950	10		R		
	D4386375	MLC Press Fitting Baseboard Elbow, ¾" MLC Tubing x ¾" Copper Adapter with 1/8" vent tapping	60	\$22.400	10		R		
	D4387575	MLC Press Fitting Baseboard Tee, ¾" MLC Tubing x ¾" Copper Adapter	60	\$22.400	10		R		
	D4395075	MLC Press Fitting Baseboard Tee, ½" MLC Tubing x ¾" Copper Adapter	60	\$22.750	10		R		
	D4396375	MLC Press Fitting Baseboard Tee, ¾" MLC Tubing x ¾" Copper Adapter	60	\$22.750	10		R		
	D4501010	MLC Press Fitting Brass Fitting Adapter, 1" MLC Tubing x 1" Copper	59	\$19.500	10		R		
	D4505050	MLC Press Fitting Brass Fitting Adapter, ½" MLC Tubing x ½" Copper	59	\$23.350	10		R		
	D4505075	MLC Press Fitting Brass Fitting Adapter, ½" MLC Tubing x ¾" Copper	59	\$10.650	10		R		
	D4506375	MLC Press Fitting Brass Fitting Adapter, ¾" MLC Tubing x ¾" Copper	59	\$15.950	10		R		

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New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
	D4507510	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 1" Copper	59	\$27.700	10		Radiant	Plumbing
	D4507575	MLC Press Fitting Brass Fitting Adapter, 3/4" MLC Tubing x 3/4" Copper	59	\$13.850	10		R	
	D4511010	MLC Press Fitting Brass Adapter, 1" MLC Tubing x 1" Copper	59	\$19.250	10		R	
	D4515050	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 1/2" Copper	59	\$14.050	10		R	
	D4515075	MLC Press Fitting Brass Adapter, 1/2" MLC Tubing x 3/4" Copper	59	\$10.200	10		R	
	D4516375	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	59	\$19.100	10		R	
	D4517510	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 1" Copper	59	\$17.650	10		R	
	D4517575	MLC Press Fitting Brass Adapter, 3/4" MLC Tubing x 3/4" Copper	59	\$22.050	10		R	
	D4521010	MLC Press Fitting Brass Male Threaded Adapter, 1" MLC Tubing x 1" NPT	58	\$33.450	10		R	
	D4525075	MLC Press Fitting Brass Male Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	58	\$22.450	10		R	
	D4526375	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	58	\$19.550	10		R	
	D4527510	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 1" NPT	58	\$24.000	10		R	
	D4527575	MLC Press Fitting Brass Male Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	58	\$21.600	10		R	
	D4541010	MLC Press Fitting Brass Coupling, 1" MLC Tubing x 1" MLC Tubing	58	\$23.500	10		R	
	D4545050	MLC Press Fitting Brass Coupling, 1/2" MLC Tubing x 1/2" MLC Tubing	58	\$14.500	10		R	
	D4546363	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	58	\$17.150	10		R	
	D4547575	MLC Press Fitting Brass Coupling, 3/4" MLC Tubing x 3/4" MLC Tubing	58	\$17.600	10		R	
	D4571010	MLC Press Fitting Brass Female Threaded Adapter, 1" MLC Tubing x 1" NPT	59	\$42.500	10		R	
	D4575075	MLC Press Fitting Brass Female Threaded Adapter, 1/2" MLC Tubing x 3/4" NPT	59	\$22.850	10		R	
	D4576375	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 3/4" NPT	59	\$17.800	10		R	
	D4577510	MLC Press Fitting Brass Female Threaded Adapter, 3/4" MLC Tubing x 1" NPT	59	\$26.200	10		R	
	D4701010	MLC Press Fitting Brass Tee, 1" MLC Tubing x 1" MLC Tubing	58	\$33.600	10		R	
	D4701150	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 1/2" MLC Tubing	58	\$32.600	10		R	
	D4701175	MLC Press Fitting Brass Reducing Tee, 1" MLC Tubing x 1" MLC Tubing x 3/4" MLC Tubing	58	\$32.600	10		R	
	D4707550	MLC Press Fitting Brass Reducing Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 1/2" MLC Tubing	58	\$35.050	10		R	
	D4707575	MLC Press Fitting Brass Tee, 3/4" MLC Tubing x 3/4" MLC Tubing x 3/4" MLC Tubing	58	\$27.500	10		R	
	D4710625	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	58	\$13.150	10		R	
	D4710750	MLC Press Fitting Brass Elbow, 3/4" MLC Tubing x 3/4" MLC Tubing	58	\$19.050	10		R	
	D4711000	MLC Press Fitting Brass Elbow, 1" MLC Tubing x 1" MLC Tubing	58	\$58.600	10		R	
	D6100500	1/2" MLC Tubing T-handle Chamfering Tool	123	\$52.000	1		R	
	D6100625	3/4" MLC Tubing T-handle Chamfering Tool	123	\$54.500	1		R	
	D6100750	3/4" MLC Tubing T-handle Chamfering Tool	123	\$68.550	1		R	
	D6101000	1" MLC Tubing T-handle Chamfering Tool	123	\$93.950	1		R	
	D6105063	MLC Tubing Three-way Chamfering Tool, 1/2", 3/4"	123	\$76.800	1		R	
	D6165010	MLC Tubing Bending Tool (up to 1" Tubing)	124	\$867.650	1		R	
	D6260000	Mini-Press Battery Tool Kit (no jaws)	123	\$3,366.100	1		R	
	D6260001	Mini-Press Tool Battery 9.6V, replacement part	123	\$300.350	1		R	
	D6260002	1/2" Press Jaw for Mini-Press Battery Tool	123	\$290.200	1		R	
	D6260500	3/4" Press Jaw for Mini-Press Battery Tool	123	\$377.500	1		R	
	D6260625	3/4" Press Jaw for Mini-Press Battery Tool	123	\$343.900	1		R	
	D6260750	3/4" Press Jaw for Mini-Press Battery Tool	123	\$400.950	1		R	
	D6261000	1" Press Jaw for Mini-Press Battery Tool	123	\$392.700	1		R	
	D6261632	Mini-Press Battery Tool Kit (with jaws)	123	\$5,421.650	1		R	
	D6270500	1/2" Replacement Insert for MLC Press Fitting Manual Press Tool	123	\$306.950	1		R	
	D6270625	3/4" Replacement Insert for MLC Press Fitting Manual Press Tool	123	\$306.950	1		R	
	D6275063	MLC Press Fitting Manual Tool Kit	123	\$1,283.100	1		R	
	E6021638	Pneumatic Stapler Kit	130	\$2,389.450	1		R	
	E6025075	Manual Foam Stapler	130	\$564.850	1		R	
	E6050000	Quik Trak Installation Tool Kit	62, 124	\$999.750	1		R	
	E6050005	Quik Drive Bits and Tool (set of 3 square drive bits and 1 tool)	62, 124	\$25.950	1		R	
	E6050010	Quik Trak Sealant, 10.3 fluid oz. (300 ml)	62, 129	\$13.300	24		R	
	E6051250	Quik Trak Screws (1 1/4"), 2,500/pkg.	61, 129	\$215.600	1		R	
	E6061000	Tube Uncoiler	119	\$519.750	1		R	P
	E6061100	Deluxe Uncoiler	119	\$506.000	1		R	P
Disc.	E6062000	Select Uncoiler	119	\$1,882.440	1		R	P

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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application	Category
	E6063000	Compact Select Uncoiler	119	\$1,417.500	1		R	Ecoflex	Plumbing
	E6081125	Tube Cutter (metal) for up to 1" PEX	120	\$43.187	1		R	E	F
	E6081128	Tube Cutter (plastic) for up to 1" PEX and 3/4" MLC Tubing	120	\$37.758	1		R	E	F
	E6081140	Tube Cutter Replacement Blade for E6081125, spare part	120	\$15.645	1		R	E	F
	E6081143	Tube Cutter Replacement Blade for E6081128, spare part	120	\$21.935	1		R	E	F
	E6081500	Ratchet-style Tube Cutter for up to 1" PEX and MLC tubing	120	\$43.218	1		R	E	F
	E6081544	Tube Cutter Replacement Blade for E6081500, spare part	120	\$15.309	1		R	E	F
	E6082000	Ratchet-style Large Dimension Tube Cutter for 1" to 2" PEX and 1" MLC tubing	120	\$278.933	1		R	E	P
	E6082001	Tube Cutter Replacement Blade for E6082000, spare part	120	\$73.500	1		R	E	P
	E6090005	Fixing Wire Twister	129	\$7.900	1		R		
	E6091700	Ratchet-style Fixing Wire Twister	129	\$82.750	1		R		
	E6110046	TrueFLOW Service Wrench, 46mm (1 7/8")	124	\$152.800	1		R		
	E6111188	1 3/4" Service Wrench	124	\$62.100	1		R		
	E6122000	Brass Manifold Pressure Test Kit	23	\$66.400	1		R		
	F1021250	1 1/2" Uponor AquaPEX White, 300-ft. coil	11, 92	\$1,099.110	1		R		P
	F1021500	1 1/2" Uponor AquaPEX White, 300-ft. coil	11, 92	\$1,292.290	1		R		P
	F1022000	2" Uponor AquaPEX White, 300-ft. coil	11, 92	\$2,587.910	1		R		P
	F1023000	3" Uponor AquaPEX White, 350-ft. coil	11, 92	\$4,200.000	1		R		P
	F1035400	1/2" HDPE Corrugated Sleeve, Red, 400-ft. coil	95	\$150.000	1				P
	F1040250	1/4" Uponor AquaPEX White, 100-ft. coil	92	\$43.700	1		R		P
	F1040500	1/2" Uponor AquaPEX White, 100-ft. coil	11, 79, 92	\$58.210	1		R		P
	F1040750	3/4" Uponor AquaPEX White, 100-ft. coil	11, 79, 92	\$111.080	1		R		P
	F1041000	1" Uponor AquaPEX White, 100-ft. coil	11, 79, 92	\$189.550	1		R		P
	F1052000	2" Uponor AquaPEX White, 200-ft. coil	11, 92	\$1,725.280	1		R		P
	F1055400	1/2" HDPE Corrugated Sleeve, Blue, 400-ft. coil	95	\$150.000	1				P
	F1060500	1/2" Uponor AquaPEX White, 300-ft. coil	11, 79, 92	\$174.640	1		R		P
	F1060602	1/2" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	94	\$174.630	1		R		P
	F1060625	3/8" Uponor AquaPEX White, 300-ft. coil	11	\$289.300	1		R		P
	F1060750	3/4" Uponor AquaPEX White, 300-ft. coil	11, 79, 92	\$333.250	1		R		P
	F1060752	3/4" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	94	\$333.250	1		R		P
	F1061000	1" Uponor AquaPEX White, 300-ft. coil	11, 79, 92	\$568.620	1		R		P
	F1061002	1" Uponor AquaPEX Purple Reclaimed Water, 300-ft. coil	94	\$568.540	1		R		P
	F1061250	1 1/4" Uponor AquaPEX White, 100-ft. coil	11, 92	\$366.360	1		R		P
	F1061500	1 1/2" Uponor AquaPEX White, 100-ft. coil	11, 92	\$430.760	1		R		P
	F1062000	2" Uponor AquaPEX White, 100-ft. coil	11, 92	\$862.640	1		R		P
	F1063000	3" Uponor AquaPEX White, 100-ft. coil	11, 92	\$1,200.000	1		R		P
	F1072512	3/8" O.D. x 12" Lav Riser	110	\$1.440	100				P
	F1072520	3/8" O.D. x 20" Lav Riser	110	\$2.070	100				P
	F1072530	3/8" O.D. x 30" Lav Riser	110	\$2.710	100				P
	F1072536	3/8" O.D. x 36" Lav Riser	110	\$3.510	100				P
	F1082512	3/8" O.D. x 12" Closet Riser	110	\$1.610	100				P
	F1082520	3/8" O.D. x 20" Closet Riser	110	\$2.070	100				P
	F1090375	3/8" Uponor AquaPEX White, 400-ft. coil	92	\$178.650	1		R		P
	F1091500	1/2" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	95	\$363.420	1				P
	F1091750	3/4" Pre-sleeved Uponor AquaPEX Blue Sleeve, 400-ft. coil	95	\$642.600	1				P
	F1092500	1/2" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	95	\$363.420	1				P
	F1092750	3/4" Pre-sleeved Uponor AquaPEX Red Sleeve, 400-ft. coil	95	\$642.600	1				P
	F1100500	1/2" Uponor AquaPEX White, 500-ft. coil	11, 79, 92	\$291.050	1		R		P
	F1100750	3/4" Uponor AquaPEX White, 500-ft. coil	11, 79, 92	\$555.420	1		R		P
	F1101000	1" Uponor AquaPEX White, 500-ft. coil	11, 79, 92	\$947.750	1		R		P
	F1120375	3/8" Uponor AquaPEX White, 1,000-ft. coil	92	\$446.650	1		R		P
	F1120500	1/2" Uponor AquaPEX White, 1,000-ft. coil	11, 79, 92	\$582.140	1		R		P
	F1120625	3/8" Uponor AquaPEX White, 1,000-ft. coil	11	\$965.250	1		R		P
	F1921000	1" Uponor AquaPEX White, 20-ft. straight length, 200 ft. (10 per bundle)	79, 93	\$379.080	1				P
	F1921250	1 1/4" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	93	\$366.360	1		R		P
	F1921500	1 1/2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	93	\$430.760	1		R		P

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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
							Radiant Ecoflex	Fire Plumbing
	F1922000	2" Uponor AquaPEX White, 20-ft. straight length, 100 ft. (5 per bundle)	93	\$862.640	1		R	P
	F1923000	3" Uponor AquaPEX White, 20-ft. straight length, 60 ft. (3 per bundle)	93	\$720.000	1		R	P
	F1930500	1/2" Uponor AquaPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	79, 93	\$291.050	1		R	F
	F1930750	3/4" Uponor AquaPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	79, 93	\$333.250	1		R	F
	F2040500	1/2" Uponor AquaPEX Red, 100-ft. coil	93	\$58.210	1			P
	F2040750	3/4" Uponor AquaPEX Red, 100-ft. coil	93	\$111.080	1			P
	F2041000	1" Uponor AquaPEX Red, 100-ft. coil	93	\$189.540	1			P
	F2060500	1/2" Uponor AquaPEX Red, 300-ft. coil	93	\$174.630	1			P
	F2060750	3/4" Uponor AquaPEX Red, 300-ft. coil	93	\$333.250	1			P
	F2061000	1" Uponor AquaPEX Red, 300-ft. coil	93	\$568.620	1			P
	F2100750	3/4" Uponor AquaPEX Red, 500-ft. coil	93	\$555.420	1			P
	F2101000	1" Uponor AquaPEX Red, 500-ft. coil	93	\$947.700	1			P
	F2120500	1/2" Uponor AquaPEX Red, 1,000-ft. coil	93	\$582.100	1			P
	F2741050	1" Copper Valveless Manifold, 2 outlets, 1/2" sweat, 1 1/2" on center	117	\$43.500	1			P
	F2741075	1" Copper Valveless Manifold, 2 outlets, 3/4" sweat, 1 1/2" on center	117	\$48.100	1			P
	F2751050	1" Copper Valveless Manifold, 3 outlets, 1/2" sweat, 1 1/2" on center	117	\$44.650	1			P
	F2751075	1" Copper Valveless Manifold, 3 outlets, 3/4" sweat, 1 1/2" on center	117	\$48.800	1			P
	F2761050	1" Copper Valveless Manifold, 4 outlets, 1/2" sweat, 1 1/2" on center	117	\$48.300	1			P
	F2801575	1 1/2" x 6" Copper Valveless Manifold with 24 outlets, 3/4" sweat	117	\$435.000	1			P
	F2802075	2" x 6" Copper Valveless Manifold with 24 outlets, 3/4" sweat	117	\$628.000	1			P
	F2811220	2" x 4" Copper Valved Manifold with R20 Threaded Ball Valves, 12 outlets	26	\$856.250	1		R	P
	F2811225	2" x 4" Copper Valved Manifold with R25 Threaded Ball Valves, 12 outlets	26	\$1,171.700	1		R	P
	F2821220	2" x 4" Copper Valved Manifold with R20 Threaded Ball and Balancing Valves, 12 outlets	26	\$1,439.300	1		R	P
	F2821225	2" x 4" Copper Valved Manifold with R25 Threaded Ball and Balancing Valves, 12 outlets	26	\$1,101.400	1		R	P
	F2921000	1" Uponor AquaPEX Red, 20-ft. straight length, 200 ft. (10 per bundle)	93	\$379.080	1			P
	F2930500	1/2" Uponor AquaPEX Red, 20-ft. straight length, 500 ft. (25 per bundle)	93	\$291.050	1			P
	F2930750	3/4" Uponor AquaPEX Red, 20-ft. straight length, 300 ft. (15 per bundle)	93	\$333.250	1			P
	F3040500	1/2" Uponor AquaPEX Blue, 100-ft. coil	94	\$58.210	1			P
	F3040750	3/4" Uponor AquaPEX Blue, 100-ft. coil	94	\$111.080	1			P
	F3041000	1" Uponor AquaPEX Blue, 100-ft. coil	94	\$189.540	1			P
	F3060500	1/2" Uponor AquaPEX Blue, 300-ft. coil	94	\$174.630	1			P
	F3060750	3/4" Uponor AquaPEX Blue, 300-ft. coil	94	\$333.250	1			P
	F3061000	1" Uponor AquaPEX Blue, 300-ft. coil	94	\$568.620	1			P
	F3100750	3/4" Uponor AquaPEX Blue, 500-ft. coil	94	\$555.420	1			P
	F3101000	1" Uponor AquaPEX Blue, 500-ft. coil	94	\$947.700	1			P
	F3120500	1/2" Uponor AquaPEX Blue, 1,000-ft. coil	94	\$582.100	1			P
	F3921000	1" Uponor AquaPEX Blue, 20-ft. straight length, 200 ft. (10 per bundle)	94	\$379.080	1			P
	F3930500	1/2" Uponor AquaPEX Blue, 20-ft. straight length, 500 ft. (25 per bundle)	94	\$291.050	1			P
	F3930750	3/4" Uponor AquaPEX Blue, 20-ft. straight length, 300 ft. (15 per bundle)	94	\$333.250	1			P
	F4350500	1/2" Protective Tubing Cap, 50/pkg.	128	\$23.175	1			P
	F4350625	3/4" Protective Tubing Cap, 50/pkg.	128	\$25.000	1			P
	F4350750	1" Protective Tubing Cap, 50/pkg.	128	\$46.350	1			P
	F4351000	1 1/2" Protective Tubing Cap, 50/pkg.	128	\$50.985	1			P
Disc.	F4410500	Brass Compression Angle Stop Valve for 1/2" PEX	110	\$7.950	10	LF4410500		P
Disc.	F4420500	Brass Compression Straight Stop Valve for 1/2" PEX	110	\$7.950	10	LF4420500		P
New	F4440500	1/2" Compression Ring (brass)	110	\$1.082	10		R	P
New	F5120375	3/4" Metal Drop Ear Bend Support	125	\$7.100	25			P
	F5120500	1/2" Metal Drop Ear Bend Support	125	\$7.344	25			P
	F5140500	1/2" Metal Straight-through Support	126	\$8.642	25		R	P
New	F5200375	3/4" Plastic Drop Ear Bend Support	125	\$2.850	25			P
	F5200500	1/2" Plastic Drop Ear Bend Support	125	\$2.936	25			P
New	F5400250	1/4" Insert (stainless steel)	113	\$0.770	10			P
	F5400500	1/2" Insert (stainless steel)	110	\$1.782	10		R	P
	F5600500	Chrome Finishing Sleeve for 1/2" PEX (1 1/8" O.D.)	111	\$5.675	25			P
	F5650500	ProPEX Escutcheon for 1/2" PEX (1 1/8" O.D.), chrome-plated	111	\$9.870	25			P
	F5670500	ProPEX Escutcheon for 1/2" PEX (1 1/8" O.D.), white	111	\$2.730	25			P

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	F5700002	Steel Plate Protector, 100'/pkg.	129	\$38.893	1		R		Plumbing
	F5801000	Single-tube PEX Stand-up Bracket for 1/2" PEX	126	\$8.346	60		R		P
	F5805000	Five-tube PEX Stand-up Bracket for 1/2" PEX	126	\$40.687	16		R		P
	F6040500	1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$300.000	1				P
	F6040750	3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$350.000	1				P
	F6041000	1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$413.000	1				P
	F6041250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$621.000	1				P
	F6041500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$706.000	1				P
	F6042000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil	94	\$1,205.000	1				P
	F6921250	1 1/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft. (5 per bundle)	94	\$621.000	1				P
	F6921500	1 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft. (5 per bundle)	95	\$706.000	1				P
	F6922000	2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 20-ft. straight length, 100 ft. (5 per bundle)	95	\$1,205.000	1				P
	F7000005	Fire Sprinkler Adapter Push-on Nut, 25'/pkg.	80	\$55.000	1				F
	F7001500	Screws, #10 x 1-1/2", Pan Head, Full Thread, 100'/pkg.	80	\$22.000	1				F
New	F7050375	Tube Talon (3/8" PEX), 100'/pkg.	127	\$25.600	1		R		P
	F7050750	Tube Talon (1/2" PEX), 50'/pkg.	127	\$24.226	1		R		P
	F7051000	Tube Talon (1" PEX), 50'/pkg.	127	\$27.841	1		R		P
	F7051001	1" PEX Clip, 50'/pkg.	127	\$140.224	1		R		P
	F7051258	1/2" PEX Clip, 100'/pkg.	127	\$121.725	1		R		P
	F7057500	3/4" PEX Clip, 100'/pkg.	127	\$215.136	1		R		P
	F7060375	3/8" PEX Clip, 100'/pkg.	127	\$80.237	1		R		P
	F8152000	2" Uponor AquaPEX Expansion Joint	93	\$54.000	1		R		P
Disc.	G4501313	ProPEX DZR Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	55, 108	\$7.700	10	LF4501313, Q4501313	R		P
Disc.	G4522020	ProPEX DZR Brass Male Threaded Adapter, 2" PEX x 2" NPT	52, 105	\$50.000	5	LF4522020, Q4522020	R		P
Disc.	G4541507	ProPEX DZR Brass Coupling, 1 1/2" x 3/4" PEX	46, 99	\$6.100	10	Q4771507	R		P
Disc.	G4542020	ProPEX DZR Brass Coupling, 2" PEX x 2" PEX	46, 99	\$55.350	5	Q4772020, Q4542020	R	E	P
Disc.	G4547575	ProPEX DZR Brass Coupling, 3/4" x 3/4" PEX	46, 99	\$2.500	10	Q4777575, LF4547575	R		P
Disc.	G4701250	ProPEX DZR Brass Tee, 1 1/4" PEX x 1 1/4" PEX	48, 101	\$11.500	10	Q4751313	R	E	P
Disc.	G4701311	ProPEX DZR Reducing Tee, 1 1/4" PEX x 1" PEX	49, 102	\$10.550	10	Q4751311	R	E	P
Disc.	G4701317	ProPEX DZR Reducing Tee, 1 1/4" PEX x 3/4" PEX	49, 102	\$9.000	10	Q4751317	R		P
Disc.	G4701331	ProPEX DZR Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	50, 102	\$10.950	10	Q4751331	R	E	P
Disc.	G4701337	ProPEX DZR Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 3/4" PEX	49, 102	\$10.600	10	Q4751337	R		P
Disc.	G4701500	ProPEX DZR Brass Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	48, 101	\$15.250	10	Q4751515	R	E	P
Disc.	G4701531	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	50, 103	\$15.000	10	Q4751531	R	E	P
Disc.	G4701533	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX	50, 103	\$15.950	10	Q4751533	R	E	P
Disc.	G4701537	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	50, 103	\$14.500	10	Q4751537	R		P
Disc.	G4701551	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	50, 103	\$14.000	10	Q4751551	R	E	P
Disc.	G4701553	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	50, 103	\$13.650	10	Q4751553	R	E	P
Disc.	G4701557	ProPEX DZR Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	47, 100	\$12.800	10	Q4751557	R		P
Disc.	G4711500	ProPEX DZR Brass Elbow, 1 1/2" PEX x 1 1/2" PEX	117	\$193.358	1	Q2500400			P
	LF2500400	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 4 outlets	117	\$272.948	1	Q2500600			P
	LF2500600	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 6 outlets	117	\$360.938	1	Q2500800			P
	LF2500800	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 8 outlets	117	\$441.000	1	Q2501000			P
	LF2501000	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 10 outlets	117	\$515.078	1	Q2501200			P
	LF2501200	1" Copper Manifold with LF Brass 1/2" ProPEX Ball Valve, 12 outlets	117	\$502.268	1	Q2512450			P
	LF2512450	1" x 6" Copper Manifold with 24 LF Brass outlets, 1/2" ProPEX, 3" on center	85, 116	\$65.468	1	Q2801050			P
	LF2801050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 4 outlets	116	\$80.010	1	Q2807550, Q2247550, Q2347550		F	P
	LF2807550	1" Copper Branch Manifold, 4 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	85, 116	\$89.303	1	Q2811050		F	P
	LF2811050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 6 outlets	116	\$123.743	1	Q2817550, Q2267550, Q2261050		F	P
	LF2817550	1" Copper Branch Manifold, 6 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	85, 116	\$112.455	1	Q2821050		F	P
	LF2821050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 8 outlets	116	\$155.663	1	Q2827550, Q2287550, Q2387550		F	P
	LF2827550	1" Copper Branch Manifold, 8 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	85, 116	\$172.305	1	Q2831050		F	P
	LF2831050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 10 outlets	116	\$172.410	1	Q2837550, Q2101051, Q2101000		F	P
	LF2837550	1" Copper Branch Manifold, 10 LF Brass outlets, 3/4" LF Brass ProPEX Inlet	85, 116	\$22.890	25	Q2841050		F	P
	LF2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX LF brass outlets, 12 outlets	113						P
	LF2855050	ProPEX LF Copper Stub El, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")							P



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New or Discont.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application	Category
	LF2865050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8")	113	\$15,771	25	Q2865050			Plumbing
	LF2875050	ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")	112	\$14,543	25				P
	LF2885050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")	112	\$14,669	25				P
	LF2895050	ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")	113	\$23,520	25				P
	LF2897575	ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")	113	\$35,963	25				P
	LF2935050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (8")	113	\$16,538	25				P
	LF2945050	ProPEX LF Copper Straight Stub, 1/2" PEX LF Brass x 1/2" Copper (15")	113	\$19,793	25				P
	LF2957575	ProPEX LF Water Heater Adapter, 3/4" PEX LF Brass x 3/4" FIP x 18"	108	\$43,620	20				P
	LF4129050	ProPEX LF Brass Elbow, 1/2" PEX x 1/2" MIP	48, 100	\$12,537	25		R		P
New	LF4231010	ProPEX Drop Ear LF Brass Elbow, 1" PEX x 1" FIP	101	\$42,000	4				P
New	LF4235038	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 3/4" FIP	101	\$15,700	25				P
	LF4235050	ProPEX Drop Ear LF Brass Elbow, 1/2" PEX x 1/2" FIP	101	\$13,167	25	Q4235050			P
New	LF4237575	ProPEX Drop Ear LF Brass Elbow, 3/4" PEX x 3/4" FIP	101	\$27,900	4				P
	LF4410500	LF Brass Compression Angle Stop Valve for 1/2" PEX	110	\$17,115	10	F4410500			P
	LF4420500	LF Brass Compression Straight Stop Valve for 1/2" PEX	110	\$20,580	10	F4420500			P
	LF4455050	ProPEX LF Brass In-line Ice Maker Tee, 1/2" PEX x 1/2" PEX x 1/4" O.D. compression	114	\$58,170	10	Q4455050			P
	LF4501010	ProPEX LF Brass Fitting Adapter, 1" PEX x 1" Copper	55, 108	\$13,376	10	Q4501010	R	E	P
	LF4501313	ProPEX LF Brass Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	55, 108	\$32,142	10	Q4501313, G4501313	R	E	P
	LF4501515	ProPEX LF Brass Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	55, 108	\$51,425	10	Q4501515		E	P
	LF4502020	ProPEX LF Brass Fitting Adapter, 2" PEX x 2" Copper	55, 108	\$148,500	1	Q4502020		E	P
	LF4505050	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	55, 108	\$3,509	25	Q4505050, V4505050	R		P
	LF4505075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	55, 108	\$7,623	25	Q4505075	R		P
	LF4507510	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1" Copper	55, 108	\$16,500	10	Q4507510			P
	LF4507550	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 1/2" Copper	55, 108	\$10,175	25	Q4507550			P
	LF4507575	ProPEX LF Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	55, 108	\$7,447	25	Q4507575, V4507575	R		P
	LF4511010	ProPEX LF Brass Sweat Adapter, 1" PEX x 1" Copper	54, 87, 107	\$13,662	10	Q4511010, V4511010	R	E	F
	LF4511313	ProPEX LF Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	54, 107	\$34,980	10	Q4511313, V4511313	R	E	P
	LF4511515	ProPEX LF Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	54, 107	\$51,700	10	Q4511515, V4511515		E	P
	LF4512020	ProPEX LF Brass Sweat Adapter, 2" PEX x 2" Copper	54, 107	\$148,500	1	Q4512020		E	P
New	LF4513850	ProPEX LF Brass Sweat Adapter, 3/8" PEX x 1/2" Copper	54, 107	\$7,700	25	Q4513850			P
	LF4515050	ProPEX LF Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	54, 107	\$3,575	25	Q4515050, V4515050	R		P
	LF4515075	ProPEX LF Brass Fitting Adapter, 1/2" PEX x 3/4" Copper	54, 107	\$7,018	25	Q4515075	R		P
	LF4517510	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1" Copper	54, 107	\$15,950	10	Q4517510			P
	LF4517550	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 1/2" Copper	54, 107	\$12,100	25	Q4517550			P
	LF4517575	ProPEX LF Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	54, 87, 107	\$8,107	25	Q4517575, V4517575	R		F
	LF4521010	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	52, 87, 105	\$20,955	10	Q4521010	R	E	F
	LF4521075	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	52, 105	\$18,150	10	Q4521075			P
	LF4521313	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	52, 105	\$49,093	10	Q4521313	R	E	P
	LF4521515	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	52, 105	\$56,485	10	Q4521515		E	P
	LF4522020	ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	52, 105	\$165,000	1	Q4522020, G4522020		E	P
New	LF4523850	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	52, 105	\$9,900	25	Q4523850			P
	LF4525050	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	52, 105	\$4,961	25	Q4525050, V4525050	R		P
	LF4525075	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	52, 105	\$12,100	25	Q4525075			P
	LF4527510	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	52, 105	\$18,150	10	Q4527510			P
	LF4527575	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	52, 87, 105	\$9,240	25	Q4527575, V4527575	R		F
	LF4541010	ProPEX LF Brass Coupling, 1" PEX x 1" PEX	46, 85, 99	\$15,173	10	Q4771010, Q4541010		E	F
New	LF4543850	ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	46, 99	\$8,930	25	Q4543850, V4543850			P
	LF4545050	ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	46, 85, 99	\$5,250	25	Q4775050		F	P
	LF4547510	ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	46, 85, 99	\$12,915	10	Q4777510		F	P
	LF4547575	ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	46, 85, 99	\$8,348	25	Q4777575, G4547575		F	P
	LF4571010	ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT	53, 87, 106	\$26,334	10	Q4571010	R	E	F
	LF4571313	ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	53, 106	\$52,338	10	Q4571313	R	E	F
	LF4571515	ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	53, 106	\$88,000	1	Q4571515	R	E	F
	LF4572020	ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT	53, 106	\$203,500	1		R	E	P
	LF4575050	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	53, 106	\$11,550	25	Q4575050	R		P
	LF4575075	ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT	53, 106	\$16,500	25	Q4575075			P

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	LF4577510	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	53, 106	\$38.500	10	Q4577510			Plumbing
	LF4577575	ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	53, 87, 106	\$11.440	25	Q4577575	R		P
	LF4589050	ProPEX LF Brass to PB Coupling, 1/2" PEX x 1/2" PB	47, 100	\$9.450	25			F	P
	LF4587575	ProPEX LF Brass to PB Coupling, 3/4" PEX x 3/4" PB	47, 100	\$15.750	25				P
	LF4591010	ProPEX LF Brass to PE Coupling, 1" PEX x 1" PE	47, 100	\$25.883	10				P
	LF4655050	ProPEX LF Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	105	\$11.550	25	Q4360500, Q4655050			P
	LF4701010	ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX	48, 86, 101	\$26.400	10	Q4751010, Q4701010	E	F	P
	LF4701150	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	49, 86, 102	\$26.400	10	Q4751150, Q4701150		F	P
	LF4701175	ProPEX LF Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	49, 86, 102	\$26.400	10	Q4751175, Q4701175		F	P
	LF4701751	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	49, 86, 102	\$26.400	10	Q4751751, Q4701751		F	P
	LF4701775	ProPEX LF Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	49, 86, 102	\$26.400	10	Q4751775, Q4701775		F	P
	LF4705050	ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	48, 86, 101	\$8.800	25	Q4755050		F	P
	LF4707550	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	49, 86, 102	\$14.300	25	Q4757550		F	P
	LF4707575	ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	48, 86, 101	\$14.300	25	Q4757575		F	P
	LF4707710	ProPEX LF Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	49, 86, 102	\$23.100	10	Q4757710, Q4707710		F	P
	LF4710750	ProPEX LF Brass Elbow, 3/4" PEX x 3/4" PEX	47, 86, 100	\$10.670	25	Q4760750		F	P
	LF4711000	ProPEX LF Brass Elbow, 1" PEX x 1" PEX	47, 86, 100	\$17.215	10	Q4761000	E	F	P
	LF4795050	ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" MIP	111	\$28.182	10				P
Disc.	LF4803850	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 1/2" Copper Adapter	112	\$21.000	10	Q4803850			P
	LF4805050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	112	\$21.546	10	Q4805050			P
	LF4807575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" Copper Adapter	112	\$41.055	10				P
	LF4815050	ProPEX LF Brass Ball Valve (large bore), 1/2" PEX x 1/2" PEX	110	\$25.830	10	Q4905050			P
	LF4817575	ProPEX LF Brass Ball Valve (large bore), 3/4" PEX x 3/4" PEX	110	\$38.115	10	Q4837575, LF4827575			P
	LF4821010	ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX	111	\$65.783	10				P
	LF4827575	ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX	111	\$54.348	10				P
	LF4855038	ProPEX LF Brass Angle Stop Valve (full port), 1/2" PEX	109	\$14.669	10	Q4905038			P
	LF4865038	ProPEX LF Brass Straight Stop Valve (full port), 1/2" PEX	109	\$14.963	10	Q4935038			P
	LF5930500	ProPEX Washing Machine Outlet Box, 1/2" LF Brass Valves	113	\$71.663	12				P
	LF5955025	ProPEX Ice Maker Box with Support Brackets, 1/2" LF Brass Valve	113	\$42.315	12				P
	LF6700002	LF D'MAND Model 200	118	\$1,575.000	1	Q6700002			P
	LF6700070	LF D'MAND Model 100	118	\$918.750	1	Q6700070			P
	LF7701010	ProPEX LF Brass Fire Sprinkler Adapter Tee, 1" PEX x 1" PEX x 1/2" FNPT	80	\$39.000	5			F	
	LF7707575	ProPEX LF Brass Fire Sprinkler Adapter Tee, 3/4" PEX x 3/4" PEX x 1/2" FNPT	80	\$36.000	5			F	
Disc.	Q2031050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX Outlets, 3 outlets	116	\$19.500	1				P
	Q2077550	3/4" EP Branch Multi-port Elbow, 7 outlets with mounting clips	98	\$42.000	1				P
	Q2087550	3/4" EP Branch Multi-port Elbow, 8 outlets with mounting clips	98	\$44.100	1	Q2287550, Q2387550, Q2827550, LF2827550			P
	Q2101000	1" EP Branch Multi-port Elbow, 10 outlets with mounting clips	98	\$48.300	1	Q2101051, Q2837550, LF2837550			P
	Q2101051	1" EP Branch Multi-port Tee, 10 outlets with mounting clips	98	\$46.200	1	LF2837550, Q2837550, Q2101000			P
	Q2110300	EP Valved Manifold, Kit C, 3 outlets with 1/2" ProPEX	115	\$91.350	1				P
	Q2110400	EP Valved Manifold, Kit D, 4 outlets with 1/2" ProPEX	115	\$109.568	1				P
Disc.	Q2111050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX Outlets, 11 outlets	116	\$70.490	1				P
	Q2120001	EP Valved Manifold Red Valve Clip	115	\$1.271	100				P
	Q2120002	EP Valved Manifold Blue Valve Clip	115	\$1.271	100				P
	Q2120010	EP Valved Manifold Valve-turning Tool, replacement part	115	\$3.560	10				P
	Q2120020	EP Valved Manifold Assembly/Mounting Bracket	115	\$8.516	10				P
	Q2120050	EP Valved Manifold Valve Cylinder with O-rings	115	\$13.461	10				P
	Q2120750	EP Valved Manifold, 3/4" ProPEX Inlet	115	\$13.587	10				P
	Q2121000	EP Valved Manifold, 1" ProPEX Inlet	115	\$14.669	10				P
	Q2121051	1" EP Branch Multi-port Tee, 12 outlets with mounting clips	98	\$50.400	1				P
	Q2121250	EP Valved Manifold End Cap	115	\$13.587	10				P
	Q2121251	EP Valved Manifold Stop Coupling	115	\$18.596	10				P
	Q2121313	EP Valved Manifold Flow-through Coupling	115	\$15.939	10				P
	Q2227557	EP Flow-through Multi-port Tee, 2 outlets, 3/4" x 3/4" ProPEX	96	\$15.120	10				P
	Q2235577	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	97	\$24.150	10				P
	Q2237550	3/4" EP Branch Multi-port Tee, 3 outlets	96	\$15.950	10	LF2807550, Q2807550, Q2347550			P
	Q2237557	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	96	\$17.714	10				P

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	Q2237757	EP Flow-through Multi-port Tee, 3 outlets, 3/4" x 3/4" x 3/4" ProPEX	97	\$25.200	10				Plumbing
	Q2241057	EP Flow-through Multi-port Tee, 4 outlets, 1" x 3/4" ProPEX	96	\$23.772	10				P
	Q2245777	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	97	\$26.775	10				P
	Q2247550	3/4" EP Branch Multi-port Tee, 4 outlets	96	\$22.260	10	Q2347550, Q2807550, LF2807550			P
	Q2247557	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	96	\$21.609	10				P
	Q2247577	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	97	\$27.300	10				P
	Q2247757	EP Flow-through Multi-port Tee, 4 outlets, 3/4" x 3/4" x 3/4" ProPEX	97	\$27.825	10				P
	Q2261050	1" EP Branch Multi-port Tee, 6 outlets	96	\$28.088	10	Q2267550, LF2817550, Q2817550			P
	Q2261051	EP Flow-through Multi-port Tee, 6 outlets, 1" x 1" ProPEX	96	\$32.414	10				P
	Q2267550	3/4" EP Branch Multi-port Tee, 6 outlets	96	\$31.542	10				P
	Q2267557	EP Flow-through Multi-port Tee, 6 outlets, 3/4" x 3/4" ProPEX	96	\$27.290	10	Q2261050, LF2817550, Q2817550			P
	Q2277550	3/4" EP Branch Multi-port Tee, 7 outlets with mounting clips	98	\$37.800	1				P
	Q2287550	3/4" EP Branch Multi-port Tee, 8 outlets with mounting clips	98	\$39.900	1	Q2087550, Q2827550, Q2387550, LF2827550			P
	Q2337550	3/4" EP Branch Opposing-port Multi-port Tee, 3 outlets	97	\$16.380	10				P
	Q2337557	EP Flow-through Opposing-port Multi-port Tee, 3 outlets, 3/4" x 3/4" ProPEX	96	\$16.695	10				P
	Q2347550	3/4" EP Branch Opposing-port Multi-port Tee, 4 outlets	97	\$21.000	10	Q2247550, LF2807550, Q2807550			P
	Q2347557	EP Flow-through Opposing-port Multi-port Tee, 4 outlets, 3/4" x 3/4" ProPEX	96	\$22.050	10				P
	Q2387550	3/4" EP Branch Opposing-port Multi-port Tee, 8 outlets	97	\$27.300	10				P
	Q2811263	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	26	\$863.500	1		R		P
	Q2811275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball Valves, 12 outlets	26	\$883.850	1		R		P
	Q2821263	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	26	\$1,245.500	1		R		P
	Q2821275	2" x 4" Copper Valved Manifold with 3/4" ProPEX Ball and Balancing Valves, 12 outlets	26	\$1,005.850	1		R		P
	Q2831263	2" x 4" Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	26	\$521.600	1		R		P
	Q2831275	2" x 4" Copper Valveless Manifold with 3/4" ProPEX, 12 outlets	26	\$521.600	1		R		P
Disc.	Q2841050	ProPEX 1" Copper Branch Manifold with 1/2" ProPEX outlets, 12 outlets	85, 116	\$65.900	1	LF2841050		F	P
Disc.	Q2865050	ProPEX Copper Stub Ell, 1/2" PEX Brass x 1/2" Copper (3 1/2" x 8")	113	\$10.760	25	LF2865050			P
	Q4020375	3/8" ProPEX Fitting Assembly, R20 thread	24	\$9.600	10		R		P
	Q4020500	1/2" ProPEX Fitting Assembly, R20 thread	24	\$9.000	10		R		P
	Q4020625	3/4" ProPEX Fitting Assembly, R20 thread	24	\$10.050	10		R		P
	Q4020750	3/4" ProPEX Fitting Assembly, R20 thread	24	\$16.800	10		R		P
	Q4030625	3/8" ProPEX Fitting Assembly, R25 thread	24	\$12.650	10		R		P
	Q4030750	3/4" ProPEX Fitting Assembly, R25 thread	24	\$21.050	10		R		P
	Q4143210	ProPEX Manifold Straight Adapter, R32 x 1" ProPEX	23	\$31.550	10		R		P
	Q4143275	ProPEX Manifold Straight Adapter, R32 x 3/4" ProPEX	23	\$31.250	10		R		P
	Q4153210	ProPEX Manifold Elbow Adapter, R32 x 1" ProPEX	23	\$43.050	10		R		P
	Q4153275	ProPEX Manifold Elbow Adapter, R32 x 3/4" ProPEX	23	\$42.450	10		R		P
Disc.	Q4233850	ProPEX Drop Ear Brass Elbow, 3/4" PEX x 1/2" FIP	101	\$5.500	25				P
	Q4235050	ProPEX Drop Ear Brass Elbow, 1/2" PEX x 1/2" FIP	101	\$8.000	25	LF4235050			P
	Q4300250	Riser Washer, 100/pkg.	110	\$29.950	1				P
	Q4340500	ProPEX EP Swivel Closet Adapter, 1/2" PEX x 1/8" Ballcock	104	\$5.334	25				P
	Q4350500	ProPEX EP Plug for 1/2" PEX	51, 104	\$0.756	25		R		P
	Q4350750	ProPEX EP Plug for 3/4" PEX	51, 104	\$1.250	25	Q4537575	R		P
	Q4351000	ProPEX EP Plug for 1" PEX	51, 104	\$2.615	10	Q4531000	R	E	P
	Q4351250	ProPEX EP Plug for 1 1/4" PEX	51, 104	\$10.000	10		R	E	P
	Q4351500	ProPEX EP Plug for 1 1/2" PEX	51, 104	\$15.000	10		R	E	P
	Q4352000	ProPEX EP Plug for 2" PEX	51, 104	\$26.000	5		R	E	P
	Q4360500	ProPEX EP Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	105	\$2.830	25	Q4532000 LF4655050, Q4655050			P
	Q4375075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Fitting Adapter	57	\$11.550	10		R		P
	Q4376375	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	57	\$12.000	10		R		P
	Q4377575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Fitting Adapter	57	\$13.150	10		R		P
	Q4385075	ProPEX Baseboard Elbow, 1/2" PEX x 3/4" Copper Adapter	57	\$14.700	10		R		P
	Q4386375	ProPEX Baseboard Elbow, 3/8" PEX x 3/4" Copper Adapter	57	\$14.700	10		R		P
	Q4387575	ProPEX Baseboard Elbow, 3/4" PEX x 3/4" Copper Adapter	57	\$14.950	10		R		P
	Q4395075	ProPEX Baseboard Tee, 1/2" PEX x 3/4" Copper Adapter with 1/8" vent tapping	57	\$15.300	10		R		P

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	Q4396375	ProPEX Baseboard Tee, ¾" PEX x ¾" Copper Adapter with 1/8" vent tapping	57	\$15.650	10		R		Plumbing
	Q4397575	ProPEX Baseboard Tee, ¾" PEX x ¾" Copper Adapter with 1/8" vent tapping	57	\$13.950	10		R		
	Q4440250	¾" I.D. Delrin Ring, replacement part	110	\$5.500	50				
Disc.	Q4501010	ProPEX Brass Fitting Adapter, 1" PEX x 1" Copper	55, 108	\$15.170	10	LF4501010	R	E	P
	Q4501313	ProPEX Brass Fitting Adapter, 1¼" PEX x 1¼" Copper	55, 108	\$21.000	10	LF4501313, Q4501313			P
	Q4501515	ProPEX Brass Fitting Adapter, 1½" PEX x 1½" Copper	55, 108	\$33.000	10	LF4501515			P
Disc.	Q4502020	ProPEX Brass Fitting Adapter, 2" PEX x 2" Copper	55, 108	\$60.620	1	LF4502020	R	E	P
Disc.	Q4505050	ProPEX Brass Fitting Adapter, ½" PEX x ½" Copper	55, 108	\$3.040	25	LF4505050, V4505050	R		P
Disc.	Q4505075	ProPEX Brass Fitting Adapter, ½" PEX x ¾" Copper	55, 108	\$6.990	25	LF4505075	R		P
	Q4506350	ProPEX Brass Fitting Adapter, ¾" PEX x ½" Copper	55	\$6.750	10		R		
	Q4506375	ProPEX Brass Fitting Adapter, ¾" PEX x ¾" Copper	55	\$7.100	10		R		
Disc.	Q4507510	ProPEX Brass Fitting Adapter, ¾" PEX x 1" Copper	55, 108	\$16.950	10	LF4507510	R		P
Disc.	Q4507550	ProPEX Brass Fitting Adapter, ¾" PEX x ½" Copper	55, 108	\$7.470	25	LF4507550	R		P
	Q4507575	ProPEX Brass Fitting Adapter, ¾" PEX x ¾" Copper	55, 108	\$6.440	25	LF4507575, V4507575	R		P
Disc.	Q4511010	ProPEX Brass Sweat Adapter, 1" PEX x 1" Copper	54, 87	\$12.700	10	LF4511010, V4511010	R	E	F
	Q4511313	ProPEX Brass Sweat Adapter, 1¼" PEX x 1¼" Copper	54, 107	\$21.000	10	LF4511313, V4511313		E	P
	Q4511515	ProPEX Brass Sweat Adapter, 1½" PEX x 1½" Copper	54, 107	\$33.000	10	LF4511515, V4511515		E	P
Disc.	Q4512020	ProPEX Brass Sweat Adapter, 2" PEX x 2" Copper	54, 107	\$68.330	1	LF4512020	R	E	P
	Q4513850	ProPEX Brass Sweat Adapter, ¾" PEX x ½" Copper	54, 107	\$3.350	25	LF4513850	R		P
Disc.	Q4513850	ProPEX Brass Sweat Adapter, ¾" PEX x ½" Copper	54, 107	\$3.100	25	LF4513850, V4513850	R		P
Disc.	Q4515050	ProPEX Brass Sweat Adapter, ½" PEX x ½" Copper	54, 107	\$4.990	25	LF4515050, V4515050	R		P
Disc.	Q4515075	ProPEX Brass Sweat Adapter, ½" PEX x ¾" Copper	54, 107	\$4.990	25	LF4515075	R		P
	Q4516350	ProPEX Brass Sweat Adapter, ¾" PEX x ½" Copper	54	\$5.750	10		R		
	Q4516375	ProPEX Brass Sweat Adapter, ¾" PEX x ¾" Copper	54	\$4.850	10		R		
Disc.	Q4517510	ProPEX Brass Sweat Adapter, ¾" PEX x 1" Copper	54, 107	\$12.580	10	LF4517510	R		P
Disc.	Q4517550	ProPEX Brass Sweat Adapter, ¾" PEX x ½" Copper	54, 107	\$6.530	25	LF4517550	R		P
Disc.	Q4517575	ProPEX Brass Sweat Adapter, ¾" PEX x ¾" Copper	54, 87, 107	\$7.900	25	LF4517575, V4517575	R	F	P
Disc.	Q4521010	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	52, 87, 105	\$15.330	10	LF4521010	R	E	F
	Q4521313	ProPEX Brass Male Threaded Adapter, 1¼" PEX x 1¼" NPT	52, 105	\$30.000	10	LF4521313		E	P
	Q4521515	ProPEX Brass Male Threaded Adapter, 1½" PEX x 1½" NPT	52, 105	\$40.000	10	LF4521515		E	P
Disc.	Q4522020	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	52, 105	\$81.560	1	LF4522020	R	E	P
Disc.	Q4523850	ProPEX Brass Male Threaded Adapter, ¾" PEX x ½" NPT	52, 105	\$4.800	25	LF4523850	R		P
Disc.	Q4525050	ProPEX Brass Male Threaded Adapter, ½" PEX x ½" NPT	52, 105	\$3.880	25	LF4525050, V4525050	R		P
Disc.	Q4525075	ProPEX Brass Male Threaded Adapter, ½" PEX x ¾" NPT	52, 105	\$13.670	25	LF4525075	R		P
	Q4526375	ProPEX Brass Male Threaded Adapter, ¾" PEX x ¾" NPT	52	\$6.450	10		R		
Disc.	Q4527510	ProPEX Brass Male Threaded Adapter, ¾" PEX x 1" NPT	52, 105	\$13.670	10	LF4527510	R		P
Disc.	Q4527575	ProPEX Brass Male Threaded Adapter, ¾" PEX x ¾" NPT	52, 105	\$12.030	25	LF4527575, V4527575	R	F	P
Disc.	Q4531000	ProPEX Brass Plug for 1" PEX	51, 104	\$2.100	10	Q4351000	R	E	F
Disc.	Q4532000	ProPEX Brass Plug for 2" PEX	51, 104	\$31.100	5	Q4352000	R	E	P
Disc.	Q4533838	ProPEX Brass Plug for ¾" PEX	51, 104	\$1.150	25		R		P
	Q4536363	ProPEX Brass Plug for ¾" PEX	51	\$7.900	25		R		
Disc.	Q4537575	ProPEX Brass Plug for ¾" PEX	51, 104	\$1.350	25	Q4350750	R		P
Disc.	Q4541010	ProPEX Brass Coupling, 1" PEX x 1" PEX	46, 85, 99	\$2.350	10	Q4771010, LF4541010	R	E	F
Disc.	Q4542015	ProPEX Brass Coupling, 2" PEX x 1½" PEX	46, 85, 99	\$45.000	5	Q4772015	R	E	P
Disc.	Q4542020	ProPEX Brass Coupling, 2" PEX x 2" PEX	46, 85, 99	\$55.400	5	Q4772020, G4542020	R	E	P
Disc.	Q4543850	ProPEX Brass Coupling, ¾" PEX x ½" PEX	46, 85, 99	\$1.650	25	LF4543850, V4543850	R		P
	Q4546363	ProPEX Brass Coupling, ¾" PEX x ¾" PEX	46	\$7.200	25	Q4776363	R		
Disc.	Q4571010	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	53, 106	\$12.880	10	LF4571010	R	E	P
Disc.	Q4571313	ProPEX Brass Female Threaded Adapter, 1¼" PEX x 1¼" NPT	53, 106	\$35.000	10	LF4571313	R	E	P
Disc.	Q4571515	ProPEX Brass Female Threaded Adapter, 1½" PEX x 1½" NPT	53, 106	\$43.000	10	LF4571515	R	E	P
Disc.	Q4572020	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	53, 106	\$88.000	1	LF4572020	R	E	P
Disc.	Q4575050	ProPEX Brass Female Threaded Adapter, ½" PEX x ½" NPT	53, 106	\$5.090	25	LF4575050	R		P
Disc.	Q4575075	ProPEX Brass Female Threaded Adapter, ½" PEX x ¾" NPT	53, 106	\$16.950	25	LF4575075	R		P
	Q4576375	ProPEX Brass Female Threaded Adapter, ¾" PEX x ¾" NPT	53	\$15.500	10		R		
Disc.	Q4577510	ProPEX Brass Female Threaded Adapter, ¾" PEX x 1" NPT	53, 106	\$20.420	10	LF4577510	R		P
Disc.	Q4577575	ProPEX Brass Female Threaded Adapter, ¾" PEX x ¾" NPT	53, 106	\$9.480	25	LF4577575	R	F	P
Disc.	Q4651000Z	½" Washer Nose Cone	105	\$0.260	10				P

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New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application Category	Fire	Plumbing
Disc.	Q4655050	ProPEX Brass Swivel Faucet Adapter, 1/2" PEX x 1/2" NPSM	105	\$2,650	25	LF4655050, Q4360500				P
	Q4680625	ProPEX Ring, 3/4"	45	\$0,450	50		R			
	Q4681250	ProPEX Ring, 1 1/4"	45, 95	\$1,240	10		R	E		P
	Q4681500	ProPEX Ring, 1 1/2"	45, 95	\$1,610	5		R	E		P
	Q4682000	ProPEX Ring, 2"	45, 95	\$2,900	10		R	E		P
New	Q4690302	ProPEX Ring, 3/4"	45, 95	\$0,240	50		R			P
	Q4690503	ProPEX Ring, 1/2" red	95	\$0,260	50	Q4690512				P
	Q4690504	ProPEX Ring, 1/2" blue	95	\$0,260	50	Q4690512				P
	Q4690512	ProPEX Ring with Stop, 1/2"	45, 95	\$0,240	50		R	F		P
	Q4690753	ProPEX Ring, 3/4" red	95	\$0,380	50	Q4690756				P
	Q4690754	ProPEX Ring, 3/4" blue	95	\$0,380	50	Q4690756				P
	Q4690756	ProPEX Ring with Stop, 3/4"	45, 95	\$0,350	50		R	F		P
New	Q4691000	ProPEX Ring with Stop, 1"	45, 95	\$1,080	50		R	E	F	P
	Q4691003	ProPEX Ring, 1" red	95	\$1,130	50					P
	Q4691004	ProPEX Ring, 1" blue	95	\$1,130	50	Q4681000				P
Disc.	Q4701010	ProPEX Brass Tee, 1" PEX x 1" PEX x 1" PEX	48, 86, 101	\$4,400	10	Q4751010, LF4701010	R	E	F	P
Disc.	Q4701150	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	49, 86, 102	\$4,050	10	Q4751150, LF4701150	R		F	P
Disc.	Q4701175	ProPEX Brass Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	49, 86, 102	\$4,400	10	Q4751175, LF4701175	R		F	P
Disc.	Q4701751	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	49, 86, 102	\$4,600	10	Q4751751, LF4701751	R		F	P
Disc.	Q4701775	ProPEX Brass Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	49, 86, 102	\$3,850	10	Q4751775, LF4701775	R		F	P
Disc.	Q4702000	ProPEX Brass Tee, 2" PEX x 2" PEX x 2" PEX	48, 101	\$96,250	5	Q4752000	R	E		P
Disc.	Q4702051	ProPEX Brass Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX	50, 103	\$73,900	5	Q4752051	R	E		P
Disc.	Q4702053	ProPEX Brass Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/4" PEX	50, 103	\$88,350	5	Q4752053	R	E		P
Disc.	Q4702055	ProPEX Brass Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX	50, 103	\$95,950	5	Q4752055	R	E		P
Disc.	Q4702210	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1" PEX	50, 103	\$79,250	5	Q4752210	R	E		P
Disc.	Q4702213	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1 1/4" PEX	50, 103	\$86,650	5	Q4752213	R	E		P
Disc.	Q4702215	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX	50, 103	\$93,350	5	Q4752215	R	E		P
Disc.	Q4702275	ProPEX Brass Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX	50, 103	\$80,850	5	Q4752275	R	E		P
Disc.	Q4702575	ProPEX Brass Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX	50, 103	\$88,350	5	Q4752575	R	E		P
Disc.	Q4705575	ProPEX Brass Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	50, 103	\$5,950	25	Q4755575	R			P
Disc.	Q4707710	ProPEX Brass Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	50, 103	\$8,850	10	Q4757710, LF4707710	R		F	P
	Q4710625	ProPEX Brass Elbow, 3/8" PEX x 3/8" PEX	47	\$6,850	25		R			P
Disc.	Q4712000	ProPEX Brass Elbow, 2" PEX x 2" PEX	47, 100	\$78,100	5	Q4762000	R	E		P
	Q4730500	ProPEX Brass Elbow, 1/2" PEX x 1/2" Male CU	100	\$6,521	25					P
Disc.	Q4740500	ProPEX Brass Elbow, 1/2" PEX x 1/2" MIP/Female CU	100	\$6,510	25					P
	Q4743850	ProPEX Brass Elbow, 1/2" PEX x 3/8" MIP	48, 100	\$7,875	25		R			P
Disc.	Q4743855	Brass Elbow, 1/2" Swivel x 3/8" MIP	112	\$7,740	25					P
	Q4751010	ProPEX EP Tee, 1" PEX x 1" PEX x 1" PEX	48, 101	\$6,930	10	LF4701010, Q4701010	R	E		P
	Q4751150	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 1/2" PEX	49, 102	\$6,930	10	LF4701150, Q4701150	R			P
	Q4751175	ProPEX EP Reducing Tee, 1" PEX x 1" PEX x 3/4" PEX	49, 102	\$6,930	10	LF4701175	R			P
	Q4751311	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 1" PEX	49, 102	\$11,080	10	G4701311	R	E		P
	Q4751313	ProPEX EP Tee, 1 1/4" PEX x 1 1/4" PEX x 1 1/4" PEX	48, 101	\$12,000	10	G4701250	R	E		P
	Q4751317	ProPEX EP Reducing Tee, 1 1/4" PEX x 1" PEX x 3/4" PEX	49, 102	\$9,500	10	G4701317	R			P
	Q4751331	ProPEX EP Reducing Tee, 1 1/4" PEX x 1 1/4" PEX x 1" PEX	49, 102	\$11,500	10	G4701331	R	E		P
	Q4751337	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	49, 102	\$11,130	10	G4701337	R			P
	Q4751511	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	50, 103	\$13,340	10		R	E		P
	Q4751515	ProPEX EP Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/2" PEX	48, 101	\$16,070	10	G4701500	R	E		P
	Q4751517	ProPEX EP Reducing Tee, 1 1/2" PEX x 1" PEX x 3/4" PEX	50, 103	\$13,340	10		R			P
	Q4751531	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1" PEX	50, 103	\$15,800	10	G4701531	R	E		P
	Q4751533	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 1 1/4" PEX	50, 103	\$16,800	10	G4701533	R	E		P
	Q4751537	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/4" PEX x 3/4" PEX	50, 103	\$15,250	10	G4701537	R			P
	Q4751551	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1" PEX	50, 103	\$14,750	10	G4701551	R	E		P
	Q4751553	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 1 1/4" PEX	50, 103	\$15,200	10	G4701553	R	E		P
	Q4751557	ProPEX EP Reducing Tee, 1 1/2" PEX x 1 1/2" PEX x 3/4" PEX	50, 103	\$14,060	10	G4701557	R			P
	Q4751751	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 1" PEX	49, 102	\$7,119	10	LF4701751, Q4701751	R			P
	Q4751775	ProPEX EP Reducing Tee, 1" PEX x 3/4" PEX x 3/4" PEX	49, 102	\$6,983	10	LF4701775	R			P

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New or Disc.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
							Radiant	Fire
							Ecoflex	Plumbing
	Q4752000	ProPEX EP Tee, 2" PEX x 2" PEX x 2" PEX	48, 101	\$80.000	1	Q4702000	R	E
	Q4752051	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1" PEX	50, 103	\$65.000	1	Q4702051	R	E
	Q4752053	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX	50, 103	\$79.000	1	Q4702053	R	E
	Q4752055	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 1 1/2" PEX	50, 103	\$85.800	1	Q4702055	R	E
	Q4752210	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1" PEX	50, 103	\$70.000	1	Q4702210	R	E
	Q4752213	ProPEX EP Reducing Tee, 2" x 2" x 1 1/4"	50, 103	\$76.000	1	Q4702213	R	E
	Q4752215	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 1 1/2" PEX	50, 103	\$70.000	1	Q4702215	R	E
	Q4752275	ProPEX EP Reducing Tee, 2" PEX x 2" PEX x 3/4" PEX	50, 103	\$80.000	1	Q4702275	R	E
	Q4752575	ProPEX EP Reducing Tee, 2" PEX x 1 1/2" PEX x 3/4" PEX	50, 103	\$70.000	1	Q4702575	R	E
	Q4755050	ProPEX EP Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX	48, 101	\$2.867	25	LF4705050	R	E
	Q4755575	ProPEX EP Reducing Tee, 1/2" PEX x 1/2" PEX x 3/4" PEX	49, 102	\$7.560	25	Q4705575	R	E
	Q4757550	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1/2" PEX	49, 102	\$3.066	25	LF4707550	R	E
	Q4757555	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 1/2" PEX	49, 102	\$3.371	25	LF4707555	R	E
	Q4757557	ProPEX EP Reducing Tee, 3/4" PEX x 1/2" PEX x 3/4" PEX	49, 102	\$3.423	25	LF4707557	R	E
NEW	Q4757563	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	49	\$4.950	10		R	E
	Q4757575	ProPEX EP Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX	48, 101	\$3.297	25	LF4707575	R	E
	Q4757710	ProPEX EP Reducing Tee, 3/4" PEX x 3/4" PEX x 1" PEX	49, 102	\$13.178	10	LF4707710, Q4707710	R	E
	Q4760500	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	47, 100	\$1.943	25	LF4710500	R	E
	Q4760750	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	47, 100	\$2.373	25	LF4710750	R	E
	Q4761000	ProPEX EP Elbow, 1" PEX x 1" PEX	47, 100	\$5.964	10	LF4711000	R	E
	Q4761250	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	47, 100	\$10.600	10	G4711500	R	E
	Q4761500	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	47, 100	\$13.460	10		R	E
	Q4762000	ProPEX EP Elbow, 2" PEX x 2" PEX	47, 100	\$69.000	1	Q4712000	R	E
	Q4771010	ProPEX EP Coupling, 1" PEX x 1" PEX	46, 99	\$2.615	10	LF4541010, Q4541010	R	E
	Q4771307	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	46, 99	\$5.350	10		R	E
	Q4771310	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	46, 99	\$5.550	10		R	E
	Q4771313	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	46, 99	\$6.300	10		R	E
	Q4771507	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	46, 99	\$6.400	10	G4541507	R	E
	Q4771510	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	46, 99	\$6.500	10		R	E
	Q4771513	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	46, 99	\$6.600	10		R	E
	Q4771515	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	46, 99	\$6.750	10		R	E
	Q4772015	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	46, 99	\$40.000	1	Q4542015	R	E
	Q4772020	ProPEX EP Coupling, 2" PEX x 2" PEX	46, 99	\$47.500	1	Q4542020, G4542020	R	E
NEW	Q4773838	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	46, 99	\$1.420	25		R	E
	Q4775050	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	46, 99	\$1.365	25	LF4545050	R	E
	Q4775075	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	46, 99	\$3.917	25		R	E
	Q4776363	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	46	\$2.850	10	Q4546363	R	E
	Q4777510	ProPEX EP Coupling, 3/4" PEX x 1" PEX	46, 99	\$6.531	25	LF4547510	R	E
	Q4777575	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	46, 99	\$1.880	25	LF4547575, G4547575	R	E
	Q4785025	ProPEX Ice Maker Valve, 1/2" PEX x 1/4" O.D. (angle)	112	\$11.760	10			
	Q4786025	ProPEX Ice Maker Valve, 3/4" PEX x 1/4" O.D. (straight)	112	\$11.288	10			
Disc.	Q4803850	ProPEX Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	112	\$5.100	10	LF4803850		
	Q4805050	ProPEX Ball Valve (large bore), 1/2" PEX x 1/2" Copper Adapter	112	\$12.000	10	LF4805050		
	Q4815055	ProPEX Stop and Drain Ball Valve (0.44" bore), 1/2" PEX	111	\$19.803	10			
	Q4817580	ProPEX Stop and Drain Ball Valve (0.44" bore), 3/4" PEX	111	\$21.357	10			
Disc.	Q4825050	1/2" ProPEX Partition Stop with Plate	112	\$59.930	1			
Disc.	Q4825055	1/2" ProPEX Dishwasher Ball Valve Tee	112	\$22.190	1			
Disc.	Q4835050	ProPEX Valve (small bore), 1/2" PEX x 1/2" Copper Adapter	112	\$9.260	10			
	Q4837575	ProPEX EP In-line Valve, 3/4" PEX x 3/4" PEX	110	\$15.000	10	LF4817575, LF4827575		
	Q4905038	ProPEX EP Angle Stop Valve for 1/2" PEX	109	\$8.600	10	LF4855038		
	Q4905050	ProPEX EP In-line Valve, 1/2" PEX x 1/2" PEX	110	\$11.000	10	LF4815050		
	Q4915050	ProPEX Ball Valve (0.44" bore), 1/2" PEX x 1/2" PEX	110	\$14.060	10	Q4905050		
	Q4917575	ProPEX Ball Valve (large bore), 3/4" PEX x 3/4" PEX	110	\$16.695	10	Q4837575, LF4827575		
	Q4935038	ProPEX EP Straight Stop Valve for 1/2" PEX	109	\$8.300	10	LF4865038		
Disc.	Q4945050	ProPEX Valve (small bore), 1/2" PEX x 1/2" PEX	110	\$10.950	10	Q4905050		
	Q4975038	Connector, QRI 1/4, 1/2" ProPEX x 3/8" Comp. (Straight Adapter)	112	\$3.581	25			

# Alphanumeric Listing 2011

New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Product Application	Category
							Radiant	Fire
	Q5590028	Graphite Grease for ProPEX Tools, spare part	122	\$23.258	1		R	F
	Q5806375	ProPEX Ball Valve, ¾" PEX x ¾" Copper Adapter	26	\$29.200	10		R	
	Q5807575	ProPEX Ball Valve, ¾" PEX x ¾" Copper Adapter	26	\$32.950	10		R	
	Q5906375	ProPEX Ball and Balancing Valve, ¾" PEX x ¾" Copper Adapter	26	\$49.950	10		R	
	Q5907575	ProPEX Ball and Balancing Valve, ¾" PEX x ¾" Copper Adapter	26	\$52.850	10		R	
	Q6272000	ProPEX 201 Corded Expander Tool Kit	121	\$6.065.850	1		R	E
	Q6272002	ProPEX 201 Case, replacement part	121	\$550.940	1		R	E
	Q6282000	2" H-series ProPEX Expander Head	121	\$572.400	1		R	E
	Q6295010	ProPEX Hand Expander Tool (½" and ¾" heads only)	122	\$424.326	1		R	F
	Q6295075	ProPEX Hand Expander Tool Kit	122	\$635.376	1		R	F
Disc.	Q6323810	ProPEX Auto Rotation Adapter	122	\$382.870	1		R	F
	Q6700101	D'MAND Activation Button	118	\$11.402	1			P
	Q6700102	D'MAND Motion Sensor, hard-wired	118	\$153.006	1			P
Disc.	Q7040100	Plastic Mounting Bracket	128	\$2.530	25		R	F
	Q7060050	Concealed Protective Cap, spare part	84	\$2.750	25			F
Disc.	Q706018B	Concealed Domed Cover Plate, Bright Brass	83	\$44.000	5			F
Disc.	Q70601BL	Concealed Domed Cover Plate, Black	83	\$44.000	5			F
Disc.	Q70601BR	Concealed Domed Cover Plate, Bronze	83	\$44.000	5			F
Disc.	Q70601CH	Concealed Domed Cover Plate, Chrome	83	\$44.000	5			F
	Q70601WH	Concealed Domed Cover Plate, White	83	\$24.000	5			F
Disc.	Q70643BB	Concealed Flat Cover Plate, Bright Brass	83	\$44.000	5			F
Disc.	Q70643BL	Concealed Flat Cover Plate, Black	83	\$44.000	5			F
Disc.	Q70643CH	Concealed Flat Cover Plate, Chrome	83	\$44.000	5			F
	Q70643WH	Concealed Flat Cover Plate, White	83	\$26.000	5			F
	Q7160050	Recessed Protective Cap, spare part	84	\$2.750	25			F
Disc.	Q71801BR	½" Recessed Escutcheon, Brass	84	\$13.200	25			F
	Q71801WH	½" Recessed Escutcheon, White	84	\$8.250	25			F
Disc.	Q73000BR	F1/Res 30 (155F) Recessed Pendant Sprinkler, Bronze	81	\$33.000	5			F
	Q73000CP	F1/Res 30 CCP (155F) Domed Concealed Sprinkler	81	\$33.000	5			F
	Q73000WH	F1/Res 30 (155F) Recessed Pendant Sprinkler, White	81	\$33.000	5			F
Disc.	Q73001BR	F1/Res 30 (175F) Recessed Pendant Sprinkler, Bronze	81	\$33.000	5			F
	Q73001WH	F1/Res 30 (175F) Recessed Pendant Sprinkler, White	81	\$33.000	5			F
	Q7400500	Tubing Clip, ½", 100/pkg.	128	\$30.900	1		R	P
	Q74300BR	RF-C43 (165F) Flat Concealed Sprinkler	81	\$50.000	5			F
Disc.	Q74355CP	RF-C43 (165F) Flat Concealed Sprinkler Assembly	82	\$102.300	5			F
Disc.	Q74400BR	F1/Res 44 (155F) Recessed Horizontal Sidewall Sprinkler, Bronze	81	\$33.000	5			F
	Q74400WH	F1/Res 44 (155F) Recessed Horizontal Sidewall Sprinkler, White	81	\$33.000	5			F
Disc.	Q74401BR	F1/Res 44 (175F) Recessed Horizontal Sidewall Sprinkler, Bronze*	81	\$33.000	5			F
	Q74401WH	F1/Res 44 (175F) Recessed Horizontal Sidewall Sprinkler, White*	81	\$33.000	5			F
Disc.	Q74455BR	F1/Res 44 (155F) Recessed Horizontal Sidewall Sprinkler Assembly, Bronze	82	\$102.300	5			F
Disc.	Q74455WH	F1/Res 44 (155F) Recessed Horizontal Sidewall Sprinkler Assembly, White	82	\$93.500	5			F
Disc.	Q74475BR	F1/Res 44 (175F) Recessed Horizontal Sidewall Sprinkler Assembly, Bronze*	82	\$102.300	5			F
Disc.	Q74475WH	F1/Res 44 (175F) Recessed Horizontal Sidewall Sprinkler Assembly, White*	82	\$95.700	5			F
Disc.	Q74900BR	F1/Res 49 (155F) Recessed Pendant Sprinkler, Bronze	81	\$33.000	5			F
	Q74900CP	F1/Res 49 CCP (155F) Domed Concealed Sprinkler	81	\$33.000	5			F
	Q74900FC	RF-C49 (165F) Flat Concealed Sprinkler	81	\$50.000	5			F
	Q74900WH	F1/Res 49 (155F) Recessed Pendant Sprinkler, White	81	\$33.000	5			F
Disc.	Q74901BR	F1/Res 49 (175F) Recessed Pendant Sprinkler, Bronze	81	\$33.000	5			F
	Q74901WH	F1/Res 49 (175F) Recessed Pendant Sprinkler, White	81	\$33.000	5			F
Disc.	Q74955BR	F1/Res 49 (155F) Recessed Pendant Sprinkler Assembly, Bronze	82	\$102.300	5			F
Disc.	Q74955CP	F1/Res 49 CCP (155F) Domed Concealed Sprinkler Assembly	82	\$102.300	5			F
Disc.	Q74955WH	F1/Res 49 (155F) Recessed Pendant Sprinkler Assembly, White	82	\$93.500	5			F
Disc.	Q74975BR	F1/Res 49 (175F) Recessed Pendant Sprinkler Assembly, Bronze*	82	\$102.300	5			F
Disc.	Q74975WH	F1/Res 49 (175F) Recessed Pendant Sprinkler Assembly, White*	82	\$95.700	5			F
	Q7500030	Test Orifice for F1/Res 30 Sprinkler, 3.0 K-factor, white	88	\$27.500	5			F
Disc.	Q7500040	Test Orifice for F1/Res 40 Sprinkler, 4.0 K-factor, gray	88	\$27.500	5			F



# Alphanumeric Listing 2011

New or Discnt.	Part Number	Description	Page Number	2011 List Price (ea.)	Pkg. Qty.	Alternate Part Number	Radiant	Product Application	Category
	Q7500043	Test Orifice for RFC 43 Sprinkler, 4.3 K-factor, red	88	\$27.500	5				F
	Q7500044	Test Orifice for F1 /Res 44 Sprinkler, 4.4 K-factor, blue	88	\$27.500	5				F
	Q7500049	Test Orifice for F1 /Res 49 or RFC 49 Sprinkler, 4.9 K-factor, black	88	\$27.500	5				F
	Q7500100	Concealed Sprinkler Wrench for CCP (Domed Cover Plate)	84	\$176.000	1				F
	Q7500200	Recessed Sprinkler Wrench	84	\$176.000	1				F
	Q7500300	Concealed Sprinkler Wrench for RFC43 or RFC49, Flat Cover Plate	84	\$176.000	1				F
	Q7503000	Sprinkler Cabinet without Sprinklers	83	\$80.300	1				F
	Q7511050	ProPEX Fire Sprinkler Adapter, 1" PEX x 1/2" FNPT	80	\$60.500	5				F
	Q7517550	ProPEX Fire Sprinkler Adapter, 3/4" PEX x 1/2" FNPT	80	\$59.400	5				F
	Q7537550	ProPEX Fire Sprinkler Adapter Right Elbow, 1" PEX x 1/2" FNPT	80	\$64.900	5				F
	Q7541050	ProPEX Fire Sprinkler Adapter Right Elbow, 3/4" PEX x 1/2" FNPT	80	\$60.500	5				F
	Q7547550	ProPEX Fire Sprinkler Adapter Left Elbow, 1" PEX x 1/2" FNPT	80	\$60.500	5				F
	Q7547550	ProPEX Fire Sprinkler Adapter Left Elbow, 3/4" PEX x 1/2" FNPT	80	\$60.500	5				F
	Q7602000	In-line Flow Test Kit	87	\$550.000	1				F
	Q7602001	In-line Flow Meter, replacement part	87	\$385.000	1				F
	Q8521010	ProPEX Stainless Steel Male Threaded Adapter, 1" PEX x 1" NPT	106	\$41.223	10	LF4521010		E	P
	Q8525050	ProPEX Stainless Steel Male Threaded Adapter, 1/2" PEX x 1/2" NPT	106	\$18.732	25	LF4525050			P
	Q8527575	ProPEX Stainless Steel Male Threaded Adapter, 3/4" PEX x 3/4" NPT	106	\$26.229	25	LF4527575			P
	V4505050	ProPEX Red Brass Fitting Adapter, 1/2" PEX x 1/2" Copper	108	\$10.010	25	LF4505050, Q4505050			P
	V4507575	ProPEX Red Brass Fitting Adapter, 3/4" PEX x 3/4" Copper	55, 108	\$19.840	25	LF4507575, Q4507575			P
	V4511010	ProPEX Red Brass Sweat Adapter, 1" PEX x 1" Copper	54, 107	\$30.030	10	LF4511010, Q4511010		E	P
	V4511313	ProPEX Red Brass Sweat Adapter, 1 1/4" PEX x 1 1/4" Copper	54, 107	\$61.420	10	LF4511313, Q4511313		E	P
	V4511515	ProPEX Red Brass Sweat Adapter, 1 1/2" PEX x 1 1/2" Copper	54, 107	\$67.580	10	LF4511515, Q4511515		E	P
	V4515050	ProPEX Red Brass Sweat Adapter, 1/2" PEX x 1/2" Copper	54, 107	\$10.660	25	LF4515050, Q4515050			P
	V4517575	ProPEX Red Brass Sweat Adapter, 3/4" PEX x 3/4" Copper	54, 107	\$21.970	25	LF4517575, Q4517575			P
	V4525050	ProPEX Red Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	52, 105	\$10.660	25	LF4525050, Q4525050			P
	V4527575	ProPEX Red Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	52, 105	\$32.810	25	LF4527575, Q4527575			P
New	V4543850	ProPEX Red Brass Coupling, 3/4" PEX x 1/2" PEX	46, 99	\$5.050	25	LF4543850, Q4543850			P





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