

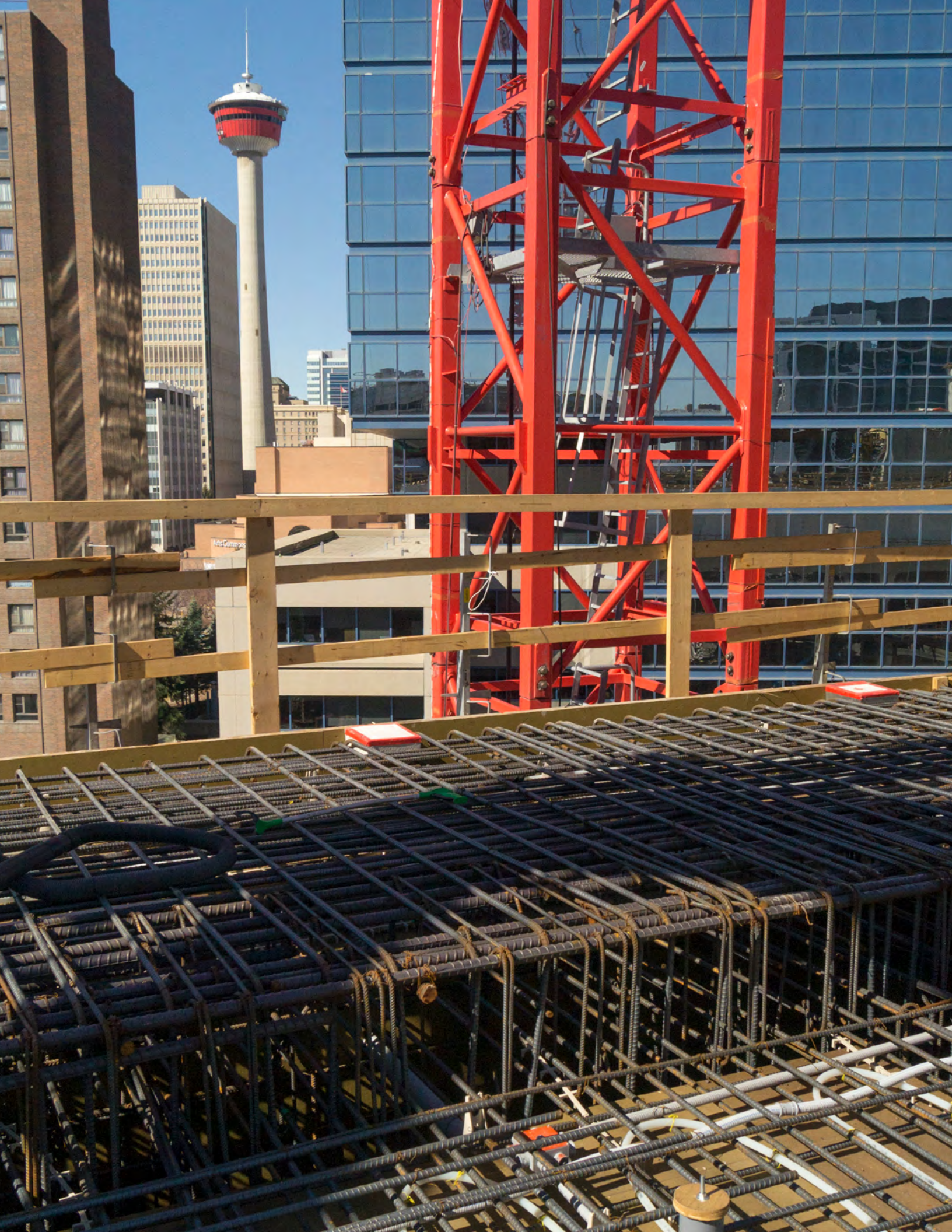


# Plumbing, Heating, & Panels Product Catalog / Price List

Effective April 18, 2022

**2022**  
**Canada**









## About Us

HeatLink Group Inc. is a multi-system supplier of potable water and radiant hydronic heating/cooling and snow melt systems. For over 25 years we have created comfortable and efficient heating, cooling and plumbing systems for residential and commercial construction.

HeatLink's radiant heating systems create a comfortable and energy efficient environment for living. Our snow melt systems create safer public and private spaces that reduce liability for property owners, reduce maintenance, and ensure accessibility. Our well engineered plumbing systems provide peace of mind for property owners through extensive warranty protection, and enable quick and efficient installations for builders and contractors.

## History

HeatLink began as a family owned business developed to service a number of industries including HVAC. The company grew to meet the needs of builders, contractors, and architects and began designing and installing radiant heating systems in 1985. Since 1985 HeatLink has grown into an industry leading designer and manufacturer of radiant heating, cooling, and potable water systems.

HeatLink has developed and manufactured a long list of industry firsts such as the "TwistSeal" tool-less manifold in 1996. The company began manufacturing PEX-a tubing in 1998 and now supplies the highest quality PEX-a systems to customers throughout North America and parts of Europe and Asia.

HeatLink was acquired by Mueller Industries in 2017. Mueller is a publicly traded manufacturer headquartered in Collierville, Tennessee that began operating in 1917 and has operations across the USA, Canada, Mexico, Great Britain, South Korea, the Middle East, and China.

HeatLink works with a network of experienced and successful partner agencies to meet the design, system installation and training needs of the construction industry, designers, and architects.

## Solutions

HeatLink is an industry leader in providing a broad range of potable water and radiant heating/cooling and snow melt systems for customers throughout the world. Our focus from our inception remains on creating well engineered and energy efficient solutions that are easy to install and last a lifetime.

## Company Description

Our innovative plumbing and heating systems help provide a comfortable and worry free environment for people in residential and commercial work and living spaces. We continue to design quiet and energy efficient heating and potable water systems that are easy to install and last a lifetime. HeatLink was built on a strong family work ethic and a value system that remain the foundation for our continuing growth and industry leadership role.

## Parent Company Description

Mueller Industries, Inc. is a leading industrial manufacturer that specializes in copper and copper alloy manufacturing while also producing goods made from aluminum, steel, and plastics. The range of these products is broad: copper tube and fittings; line sets; brass and copper alloy rod, bar, and shapes; aluminum and brass forgings; aluminum impact extrusions; PEX plastic tube; refrigeration valves and fittings; fabricated tubular products; and steel nipples. Mueller also resells brass and plastic plumbing valves, plastic fittings, malleable iron fittings, faucets and plumbing specialty products. Mueller products can be found as critical components in applications ranging from potable water distribution to automotive drive trains to household appliances to radar defense systems, and more, quietly doing their part to make life and business better.

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Please check our website to ensure that you have the latest version of this catalog.

Please note: this price list supersedes all previous price lists.

For your discount please contact your local sales representative.

### Shipping Allowances

- Prices and specifications are subject to change without notice.
- Products shipped in multiples of quantity listed only.

Standard shipping times: 3 days from confirmed order (or less).

D/C pickups: 3 days from confirmed order (or less), scheduled with local HeatLink shipping department.

Minimum order value: \$100.00 net

Rush orders: Same day shipment if order confirmed by 11AM.  
Next day if order confirmed after 11AM.  
Next day freight charges applicable.  
Rush charges may apply.

Backorders: Shipped with subsequent order to stocking distributor (if no subsequent order is in place, product will be shipped freight prepaid ground n/c).

Prepaid freight: \$ 5,000 net minimum order without PEX straight lengths.  
Net minimum order if ordering PEX straight lengths varies by region.  
Subject to change without notice.

Fuel surcharge: May apply on prepaid orders. Rates are subject to change without notice.

### 1. General Provisions

- (a) This agreement, performances of contract and quotations are made exclusively upon the terms and conditions set out below. Alterations or deviations from the provisions herein contained shall not be binding upon HeatLink Group Inc. unless confirmed in writing.
- (b) The Purchaser hereby accepts the terms and conditions herein contained in their entirety. Stipulations of terms and conditions contrary to the provision hereof according to the Purchaser's business or purchasing practices, invoicing, manner of payment or custom of the trade are hereby specifically agreed to be inapplicable to this agreement.
- (c) In the event that any one or more of the provisions herein contained shall become or be deemed to be invalid, illegal or unenforceable by operation of law, the validity, legality and enforceability of the remaining provisions or any part thereof shall not in any manner be affected or impaired thereby. In place and stead of any such invalid, illegal or unenforceable provisions of any part thereof, the parties hereto shall be deemed to have agreed upon terms and conditions, which, as far as permitted by law, express the intent and purpose of the within terms and conditions.

### 2. Plans and Specifications

- (a) Drawings, specifications and technical data appended to or forming part of the agreement shall at all times remain the property of HeatLink Group Inc., with all rights reserved and shall not be provided, submitted or disclosed to third parties without the express written consent of HeatLink Group Inc. Changes, alterations, deletions or additions thereto shall not be binding upon HeatLink Group Inc. unless confirmed in writing.

### 3. Prices and Quotations

- (a) HeatLink Group Inc. hereby specifically reserves the right to change, alter, amend or revoke quotations but the same shall become binding and irrevocable only upon written acceptance by both HeatLink Group Inc. and the Purchaser or upon delivery to and acceptance of goods by the Purchaser.
- (b) Prices are, save and except as otherwise agreed upon, as at HeatLink Group Inc.'s location in Calgary, Alberta, Canada, exclusive of cost of packaging, crating, freight or shipping, federal, provincial or local rates, tariffs and taxes in effect on date of delivery.
- (c) All contract prices are guaranteed for thirty (30) days from date of contract. Cost increases 30 days after contract date, including but not limited to cost increases of materials, wages, fuel, transportation or energy charges and increases in applicable federal, provincial and local rates, tariffs or taxes shall be added to the contract price and form part thereof as if originally agreed upon.
- (d) Contracts for delivery of goods or performance of services without specific agreement as to price shall be subject to the price or prices in effect on the date of delivery of goods.

### 4. Terms of Payment

- (a) Save and except as otherwise specifically agreed upon in writing, all invoices or accounts, as the case may be, shall become due and payable in full without deduction whatsoever thirty (30) days after invoice or account date.
- (b) Holdbacks or deductions of any kind whatsoever without prior written authorization from HeatLink Group Inc. are expressly prohibited.
- (c) Discounts, if any, shall be calculated on the cost of goods as per invoice, exclusive of cost of packaging, crating, freight or shipping, federal, provincial or local rates, tariffs or taxes, where applicable, or other costs or surcharges beyond control of HeatLink Group Inc.
- (d) Payment will be in a form agreed to and acceptable by HeatLink Group Inc. All costs for dishonour, presentment for payment or collection shall be at the expense of the Purchaser and Payor. All payments by cheque, whether certified or uncertified, shall be deemed as having been received on the date of acceptance for payment of the said cheque or cheques by the Purchaser's or Payor's bank, trust company or financial institution upon whose account the cheque has been issued.
- (e) Payments received shall be applied firstly to designated accounts, dishonour or collection; secondly, to outstanding interest charges on the oldest accounts; and, thirdly, the balance, if any, of any payment shall be applied to the most recent accounts, outstanding balance or balances. If an account is past due at the time of payment, then application of received funds will be in the order best interest to HeatLink Group Inc.
- (f) In the event the Purchaser defaults in payment or causes a cheque, bank draft or money order to be dishonoured or stops payment thereon, or HeatLink Group Inc. shall deem the Purchaser insecure, all accounts shall forthwith become due and payable notwithstanding any agreement as to credit or periodic payment.
- (g) Overdue accounts shall bear interest at the rate stated on the face of the invoice or (if no rate is displayed on the invoice), 2% calculated and compounded monthly.

### 5. Reservation of Title and Property

- (a) It is hereby expressly agreed that all goods shall remain the exclusive property of HeatLink Group Inc. and title shall not pass until payment in full of all invoices or accounts rendered, including cost of goods, packaging, carting, shipping or freight charges, federal, provincial or local taxes, rates and tariffs, insurance, extras to contract, interest charges, exchange or collection expenses and other sums or charges applicable has been received pursuant to the terms and conditions herein contained.
- (b) Goods delivered shall not, in any event, become part of real estate and the Purchaser shall at all times take or initiate all steps necessary to preserve HeatLink Group Inc.'s right, title and property to such goods.

- (c) The Purchaser shall not permit any goods sold or delivered by HeatLink Group Inc. to be pledged or encumbered without express written consent from HeatLink Group Inc. In the event of seizure by third parties, the Purchaser shall forthwith disclose HeatLink Group Inc.'s reservation of title, right and property to such goods and shall forthwith notify HeatLink Group Inc. of such seizure and shall assist HeatLink Group Inc. at the Purchaser's cost in the preservation and enforcement of HeatLink Group Inc.'s right, title and property to the said goods.
- (d) In the event of breach of contract by the Purchaser of the terms or conditions herein contained and, in particular, default of payment of invoices as herein-before provided, HeatLink Group Inc. shall be entitled, without prior notice, to demand delivery up of goods sold and delivered and to seize the same wherever the same may be located at any time of day or night or to cause its agents, workmen or bailiffs to seize the same, wherever the same may be located at any time of day or night notwithstanding the goods may be in possession of a subsequent purchaser or user.
- (e) Seizure of goods by HeatLink Group Inc. shall not be deemed to constitute termination of contract or contractual rights and obligations as between HeatLink Group Inc. and the Purchaser.

### 6. Delivery of Goods

- (a) HeatLink Group Inc. shall at all times use its best efforts to maintain the delivery dates agreed upon. The delivery date or period shall be deemed to have been maintained or complied with in all events, cases or situations where the goods to be delivered leave HeatLink Group Inc.'s premises on or before such date, before the expiry of such period or the Purchaser is notified before the applicable date that the goods are ready for shipment.
- (b) Delivery dates or periods shall be extended by reason of delays caused by labour shortages, strikes or lockouts or other circumstances beyond the reasonable control of HeatLink Group Inc. Any delay or postponement of delivery to HeatLink Group Inc. of goods and supplies by its suppliers, subcontractors or co-contractors caused by strike, lockout, labour shortage or unrest or other causes beyond the reasonable control of HeatLink Group Inc., its suppliers, subcontractors or co-contractors shall in like manner extend delivery dates and periods as if the same applied to HeatLink Group Inc.
- (c) In the event of delay in delivery of goods caused by the Purchaser for any reason whatsoever, HeatLink Group Inc. shall be entitled to charge the cost of storage calculated at the rate of one half (½%) percent per month upon the cost of goods, such calculation commencing one month after delivery of Notice of Readiness for shipment and continuing for each and every month or part thereof thereafter until the goods can be delivered to the Purchaser.

### 7. Risk of Property

- (a) Commencing on the date of delivery of goods for shipment or transport to the Purchaser, the said goods or any part thereof shall be at the risk of the Purchaser.
- (b) Any goods or part thereof delivered for shipment or transport to the Purchaser from the factory Calgary, Alberta, or elsewhere, including goods with unessential or minor defects, shall be deemed to have been accepted by the Purchaser without recourse.
- (c) Deficiencies or defects in goods or part thereof shipped or the shipment of the wrong goods, or part or part thereof, shall be endorsed upon the bill of lading and shall be communicated to HeatLink Group Inc. in writing within three (3) business days of arrival at destination. Failing such notification, the Purchaser shall be deemed to have accepted the goods without recourse.

### 8. Return of Goods

- (a) Product is returnable for a 50% restocking fee under the following conditions:
  - (i) Purchased within 12 months of return date, referencing original purchase order number
  - (ii) Active inventory in current catalog (WSL, CLR, CD, OBS components excluded)
  - (iii) Remains in the original, unmarked, unopened packaging
  - (iv) New, clean, and re-saleable condition
  - (v) Returned prepaid to HeatLink within 14 days of RMA issuance
- (b) Notes:
  - (i) If the product received is unsatisfactory, or deemed otherwise unsellable, it will be disposed of or returned at the returnee's discretion & cost.
  - (ii) Any exceptions to the above criteria requires Sr. Management approval.

### 9. Insurance

- (a) During the period commencing with the delivery of goods for shipment or transport to the Purchaser and ending upon receipt of payment in full for the said goods pursuant to the terms and conditions hereof, the Purchaser shall insure the said goods in the joint names of HeatLink Group Inc. and the Purchaser against all risk of loss or damage howsoever caused.

### 10. Applicable Law

- (a) All disputes, claims or demands arising from or relating to warranties, guarantees, representations authorized and published by HeatLink Group Inc., and from the terms and conditions herein contained and all claims, demands, rights or liabilities arising from such warranties, guarantees, representations or terms and conditions shall be determined in accordance with the laws of the Province of Alberta, Canada.

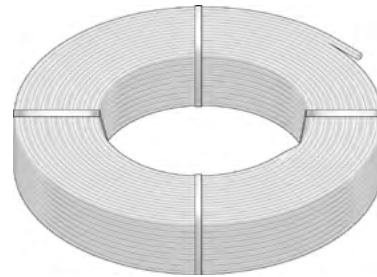
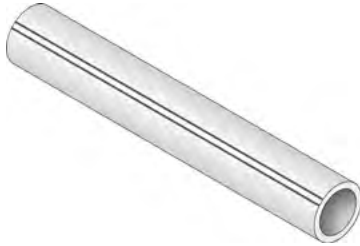
### PureLink® Plus Blue Stripe PEX-a Tubing 20000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Blue printing for identification of cold water lines. The PureLink® Plus PEX-a tubing may be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

For complete specifications, see submittal [SUB20000](#).

Minimum bending radius @ 68°F (20°C) for:

- 1/2" = 3" (77 mm)
- 3/4" = 4-1/2" (115 mm)
- 1" = 6" (153 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">20105</a>	1/2" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	96	coil	\$ 86.500
<a href="#">20305</a>	1/2" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 259.50
<a href="#">20505</a>	1/2" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 432.50
<a href="#">20905</a>	1/2" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 865.00
<a href="#">20122</a>	3/4" 100ft Blue PureLink® Plus UV Stabilized PEX-a PexCube™	3	60	coil	\$ 160.100
<a href="#">20322</a>	3/4" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	21	coil	\$ 480.30
<a href="#">20522</a>	3/4" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	12	coil	\$ 800.50
<a href="#">20128</a>	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 267.30
<a href="#">20328</a>	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 801.90

For sizes 1-1/4" and larger, please see [page 9](#).

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">20405</a>	1/2" 25×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 259.500
<a href="#">20205</a>	1/2" 20×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 346.000
<a href="#">20422</a>	3/4" 10×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 192.120
<a href="#">20222</a>	3/4" 10×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 320.200
<a href="#">20428</a>	1" 5×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 160.380
<a href="#">20228</a>	1" 5×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 267.300

For sizes 1-1/4" and larger, please see [page 9](#).

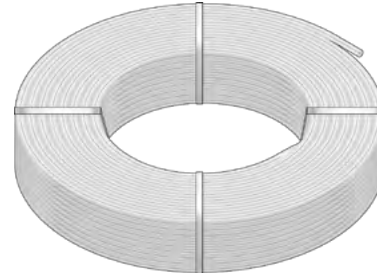
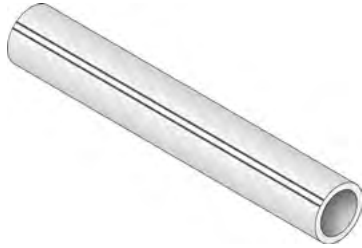
## PureLink® Plus Red Stripe PEX-a Tubing 21000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Red printing for identification of hot water lines. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

For complete specifications, see submittal [SUB21000](#).

Minimum bending radius @ 68°F (20°C) for:

- ½" = 3" (77 mm)
- ¾" = 4-½" (115 mm)
- 1" = 6" (153 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">21105</a>	½" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	96	coil	\$ 86.500
<a href="#">21305</a>	½" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 259.500
<a href="#">21505</a>	½" 500ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 432.500
<a href="#">21122</a>	¾" 100ft Red PureLink® Plus UV Stabilized PEX-a PexCube	3	60	coil	\$ 160.100
<a href="#">21322</a>	¾" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	21	coil	\$ 480.300
<a href="#">21128</a>	1" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 267.300
<a href="#">21328</a>	1" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 801.900

For sizes 1-¼" and larger, please see [page 9](#).

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">21405</a>	½" 25×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 259.500
<a href="#">21205</a>	½" 20×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 346.000
<a href="#">21422</a>	¾" 10×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 192.120
<a href="#">21222</a>	¾" 10×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 320.200
<a href="#">21228</a>	1" 5×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 267.300

For sizes 1-¼" and larger, please see [page 9](#).



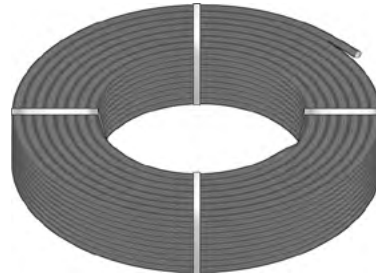
### PureLink® Plus Blue Wall PEX-a Tubing 20000BW Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Solid blue color for identification of cold water lines. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

For complete specifications, see submittal [SUB20000BW](#).

Minimum bending radius @ 68°F (20°C) for:

- ½" = 3" (77 mm)
- ¾" = 4-½" (115 mm)
- 1" = 6" (153 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">20105BW</a>	½" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	96	coil	\$ 95.800
<a href="#">20305BW</a>	½" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 287.400
<a href="#">20122BW</a>	¾" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a PexCube™	3	60	coil	\$ 177.700
<a href="#">20322BW</a>	¾" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	21	coil	\$ 533.100
<a href="#">20128BW</a>	1" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 296.500
<a href="#">20328BW</a>	1" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 889.500

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">20205BW</a>	½" 20×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 383.200
<a href="#">20222BW</a>	¾" 10×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 355.400
<a href="#">20228BW</a>	1" 5×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 296.500

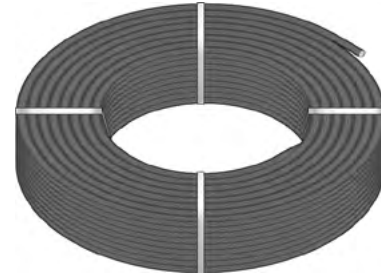
### PureLink® Plus Red Wall PEX-a Tubing 21000RW Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Solid red color for identification of hot water lines. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

For complete specifications, see submittal [SUB21000RW](#).

Minimum bending radius @ 68°F (20°C) for:

- ½" = 3" (77 mm)
- ¾" = 4-½" (115 mm)
- 1" = 6" (153 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">21105RW</a>	½" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	96	coil	\$ 95.800
<a href="#">21305RW</a>	½" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 287.400
<a href="#">21122RW</a>	¾" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a PexCube™	3	60	coil	\$ 177.700
<a href="#">21322RW</a>	¾" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	21	coil	\$ 533.100
<a href="#">21128RW</a>	1" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 296.500
<a href="#">21328RW</a>	1" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 889.500

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">21205RW</a>	½" 20×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 383.200
<a href="#">21222RW</a>	¾" 10×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 355.400
<a href="#">21228RW</a>	1" 5×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 296.500



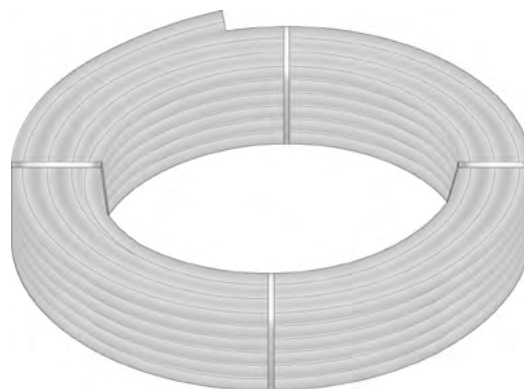
### PureLink® Plus Large Dimension PEX-a Tubing 20000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Black printing so tubing can be used for cold or hot water lines. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098 standards.

For complete specifications, see submittal [SUB20000](#).

Minimum bending radius @ 68°F (20°C) for:

- 1-1/4" = 7-1/2" (191 mm)
- 1-1/2" = 9" (229 mm)
- 2" = 12" (305 mm)

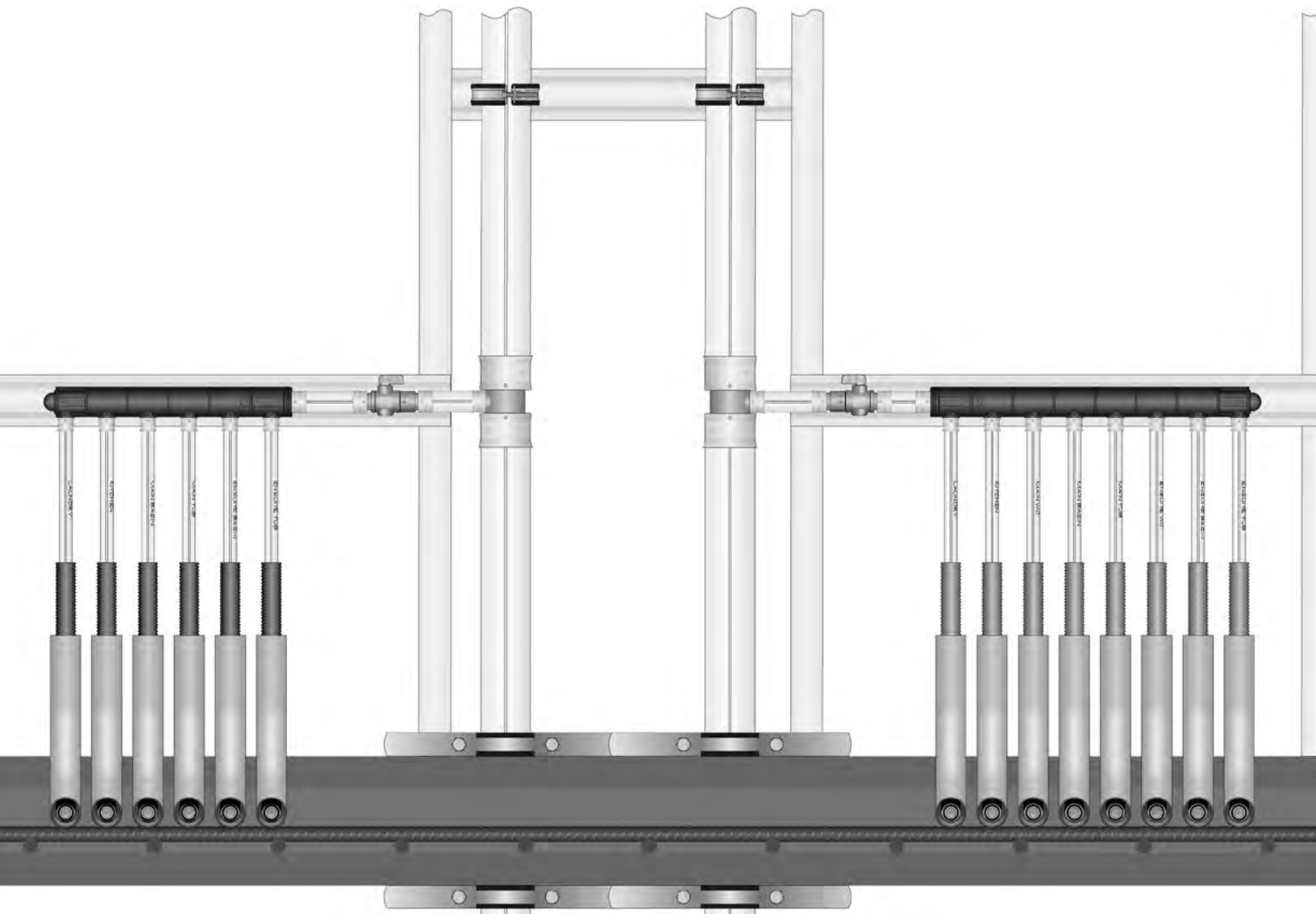
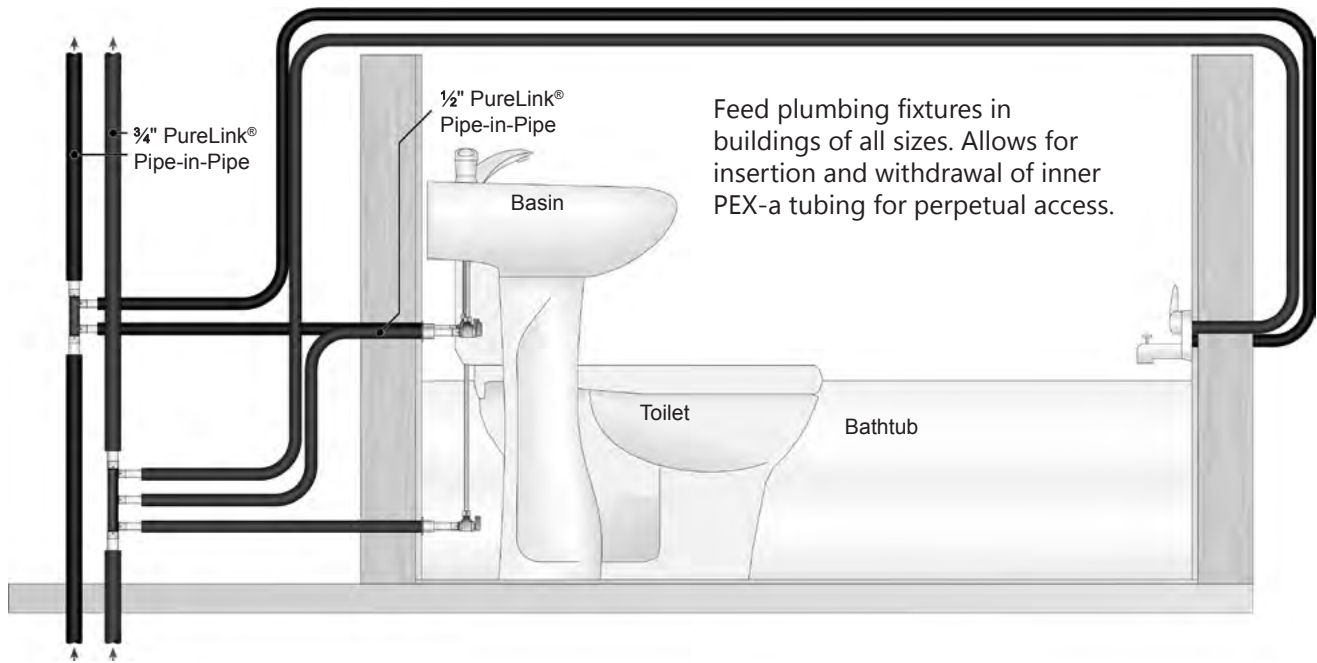


Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">20135</a>	1-1/4" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	10	coil	\$ 567.600
<a href="#">20335</a>	1-1/4" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,702.800
<a href="#">20145</a>	1-1/2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	8	coil	\$ 746.400
<a href="#">20345</a>	1-1/2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	coil	\$ 2,239.200
<a href="#">20154</a>	2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	coil	\$ 1,491.000
<a href="#">20354</a>	2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	3	coil	\$ 4,473.000

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">20435</a>	1-1/4" 5×12ft PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 340.560
<a href="#">20235</a>	1-1/4" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	15	bundle	\$ 567.600
<a href="#">20245</a>	1-1/2" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	10	bundle	\$ 746.400
<a href="#">20254</a>	2" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	bundle	\$ 1,491.000

# Pure Link<sup>®</sup> Pipe-in-Pipe

Never again deal with the hassle of trying to pull tubing through conduits. Our pliable PEX-a tubing is available in a high impact resistant sheath.





## PureLink® Plus Pipe-in-Pipe 92000 Sheathed Series

PEX-a carrier tubing specified on previous pages. The flexible, impact resistant PP sheath designed as a raceway for electrical installations provides mechanical and UV protection to the PEX-a carrier tubing. The sheath allows for easy replacement of the PEX-a carrier tubing if needed. Red and Blue colored sheaths make for easy identification of hot and cold water lines.

For complete specifications, see submittal [SUB92000](#).

Minimum bending radius @ 68°F (20°C) for:

- ½" = 3" (77 mm)
- ¾" = 4-½" (115 mm)
- 1" = 6" (153 mm)

PP sheath is rated to UL94HB "Tests for Flammability of Plastic Materials."

Corrugated sheath outside diameter for:

- ½" = 0.93" (23.6 mm)
- ¾" = 1.33" (33.8 mm)
- 1" = 1.5" (38.1 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">92305bs</a>	½" 300ft Blue PureLink® Plus Pipe-in-Pipe	1	18	coil	\$ 479.700
<a href="#">92322bs</a>	¾" 300ft Blue PureLink® Plus Pipe-in-Pipe	1	9	coil	\$ 841.500
<a href="#">92128bs</a>	1" 100ft Blue PureLink® Plus Pipe-in-Pipe	1	14	coil	\$ 498.600

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">92305rs</a>	½" 300ft Red PureLink® Plus Pipe-in-Pipe	1	18	coil	\$ 479.700
<a href="#">92322rs</a>	¾" 300ft Red PureLink® Plus Pipe-in-Pipe	1	9	coil	\$ 841.500
<a href="#">92128rs</a>	1" 100ft Red PureLink® Plus Pipe-in-Pipe	1	14	coil	\$ 498.600

## Corrugated Sleeves 92000cs Series

The flexible, impact resistant PP sheath designed as a raceway for electrical installations provides mechanical and UV protection to the PEX-a carrier tubing. The sheath allows for easy replacement of the PEX-a carrier tubing if needed.

For complete specifications, see submittal [SUB92000cs](#).

PP sheath is rated to UL94HB "Tests for Flammability of Plastic Materials."

Corrugated sheath outside diameter for:

- ½" = 0.93" (23.6 mm)
- ¾" = 1.33" (33.8 mm)



Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">92305bcs</a>	15/16" 300ft Blue Corrugated Sleeve for ½" PEX	1		ea.	\$ 215.700
<a href="#">92322bcs</a>	1-3/8" 300ft Blue Corrugated Sleeve for ¾" PEX	1		ea.	\$ 366.000

## Making a Lasting Impression

### Press Sleeve

HeatLink Potable Water Systems now offers a start-to-finish system capped off with the unique PEX tubing watertight connection ... the stainless steel Press Sleeve.

The Press Sleeve slides over the outer part of the PEX-a tubing, before inserting the fitting. When the fitting is in place, the press tool secures the connection in one single press, evidenced by a smooth visible depression ring on the sleeve's surface.

Once the pressing is complete, everything is set for the pressure test. The room for error is reduced, as the visible impression on the sleeve indicates readiness for the pressure test.

HeatLink's Press Sleeve—an impressive connection to have in any pressing situation.

The SS Press Sleeve is tested to ASTM F877 and is NSF-pw listed.



non-pressed



pressed  
(press profile may vary with tool)



### Stainless Steel Press Sleeves 24200 Series

Press sleeve with view hole.

For complete specifications, see submittal [SUB24200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">24205</a>	½" SS Press Sleeve	100	1000	ea.	\$ 0.471
<a href="#">24222</a>	¾" SS Press Sleeve	50	500	ea.	\$ 0.739
<a href="#">24228</a>	1" SS Press Sleeve	50	250	ea.	\$ 1.487
<a href="#">24235</a>	1-¼" SS Press Sleeve	10	150	ea.	\$ 5.834
<a href="#">24241</a>	1-½" SS Press Sleeve	10	100	ea.	\$ 6.957
<a href="#">24250</a>	2" SS Press Sleeve	10	100	ea.	\$ 8.828





13203M

## Closed End HPP Mini Multiport Tee 13000M Series

Closed one end and ¾" PEX insert on the other end. ½" branches in single row. SS press sleeves sold separately.

For complete specifications, see submittal [SUB13000M](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">13202M</a>	2 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	100	ea.	\$ 8.031
<a href="#">13203M</a>	3 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	80	ea.	\$ 10.912
<a href="#">13204M</a>	4 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	60	ea.	\$ 13.842



13203



13833

## Closed End HPP Multiport Tee 13000 Series

Closed one end and ¾" or 1" PEX insert on the other end. ½" branches in single row or opposing rows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB13000](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">13203</a>	3 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	250	ea.	\$ 35.583
	<a href="#">13204</a>	4 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	250	ea.	\$ 30.264
	<a href="#">13206</a>	6 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	150	ea.	\$ 37.022
	<a href="#">13208</a>	8 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	125	ea.	\$ 58.493
WSL	<a href="#">13806</a>	6 Port Single Row, 1" PEX × Closed End HPP Multiport Tee	5	150	ea.	\$ 42.041
WSL	<a href="#">13808</a>	8 Port Single Row, 1" PEX × Closed End HPP Multiport Tee	5	125	ea.	\$ 54.103
WSL	<a href="#">13833</a>	6 Port Opposing Rows, 1" PEX × Closed End HPP Multiport Tee	5	250	ea.	\$ 31.520
WSL	<a href="#">13844</a>	8 Port Opposing Rows, 1" PEX × Closed End HPP Multiport Tee	5	250	ea.	\$ 36.251



14203M

## Flow Through HPP Mini Multiport Tee 14000M Series

Open on both ends with ¾" PEX insert connections. ½" branches in single row. SS press sleeves sold separately.

For complete specifications, see submittal [SUB14000M](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">14202M</a>	2 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee	5	100	ea.	\$ 8.645
<a href="#">14203M</a>	3 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee	5	80	ea.	\$ 11.429
<a href="#">14204M</a>	4 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee	5	60	ea.	\$ 14.274



14203



14233

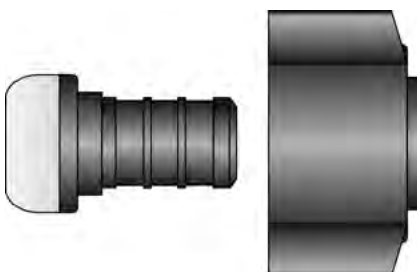
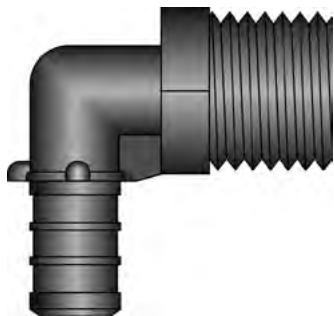
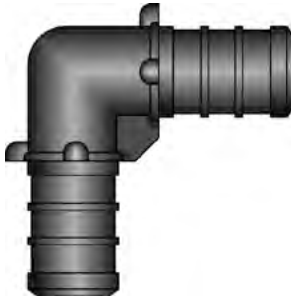
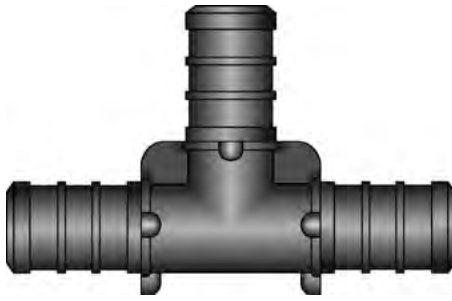
## Flow Through HPP Multiport Tee 14000 Series

Open on both ends with ¾" or 1" PEX insert connections. ½" branches in single row or opposing rows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB14000](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">14203</a>	3 Port Single Row, ¾" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	250	ea.	\$ 28.005
WSL	<a href="#">14204</a>	4 Port Single Row, ¾" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 29.434
WSL	<a href="#">14703</a>	3 Port Single Row, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 22.839
WSL	<a href="#">14704</a>	4 Port Single Row, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 30.497
WSL	<a href="#">14706</a>	6 Port Single Row, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	100	ea.	\$ 56.885
WSL	<a href="#">14708</a>	8 Port Single Row, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	150	ea.	\$ 52.656
WSL	<a href="#">14233</a>	6 Port Opposing Rows, ¾" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 31.520
WSL	<a href="#">14244</a>	8 Port Opposing Rows, ¾" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	125	ea.	\$ 36.251
WSL	<a href="#">14733</a>	6 Port Opposing Rows, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	150	ea.	\$ 31.520
WSL	<a href="#">14744</a>	8 Port Opposing Rows, 1" PEX × ¾" PEX Flow Through HPP Multiport Tee	5	100	ea.	\$ 36.251





# Heat Link<sup>®</sup>

## HPP Fitting System

The HeatLink High Performance Polymer (HPP) fitting system is produced from a specific blend of engineered high performance polyphenylsulfone (PPSU) resins. When combined, these resins offer outstanding long-term performance and chemical resistance. The sulfone family of resins began to replace brass in the plumbing industry over 20 years ago, and in the course of time have exceeded the stringent demands of the potable and heating industries.

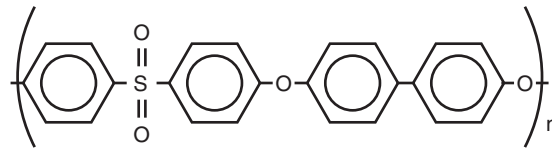
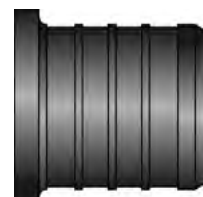
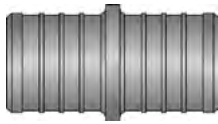


Figure #1 – General Chemical Structure of PPSU

The HeatLink HPP fittings stand out in the market place due to a unique combination of characteristics designed to deliver superior performance.

- Outstanding resistance to hot chlorinated water
- Superior long-term hydrostatic strength
- Excellent thermal stability
- High resistance to mineral acids, alkali, and salt solutions
- Higher resistance to polar solvents and stress cracking than traditional polysulfone
- Robust toughness and impact strength
- Exceptional hydrolytic stability
- Improved notch resistance





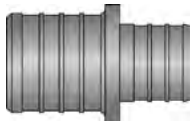
## PEX Insert Couplings - **No Lead Brass** 29000NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × PEX insert couplings. SS press sleeves sold separately.

For complete specifications, see submittal [SUB29000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">29005NL</a>	½" × ½" PEX No Lead Brass Coupling	25	500	ea.	\$ 2.443
<a href="#">29022NL</a>	¾" × ¾" PEX No Lead Brass Coupling	25	250	ea.	\$ 3.434
<a href="#">29028NL</a>	1" × 1" PEX No Lead Brass Coupling	10	250	ea.	\$ 5.296
<a href="#">29035NL</a>	1-¼" × 1-¼" PEX No Lead Brass Coupling	5	180	ea.	\$ 11.095
<a href="#">29041NL</a>	1-½" × 1-½" PEX No Lead Brass Coupling	5	90	ea.	\$ 39.140
<a href="#">29054NL</a>	2" × 2" PEX No Lead Brass Coupling	5	25	ea.	\$ 58.698

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



## PEX Insert Reducing Couplings - **No Lead Brass** 29200NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × PEX insert reducing couplings. SS press sleeves sold separately.

For complete specifications, see submittal [SUB29000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">29225NL</a>	¾" × ½" PEX No Lead Brass Coupling	25	500	ea.	\$ 4.294
<a href="#">29282NL</a>	1" × ¾" PEX No Lead Brass Coupling	10	250	ea.	\$ 5.813
<a href="#">29238NL</a>	1-¼" × 1" PEX No Lead Brass Coupling	5	200	ea.	\$ 11.463
<a href="#">29243NL</a>	1-½" × 1-¼" PEX No Lead Brass Coupling	5	100	ea.	\$ 21.389
<a href="#">29248NL</a>	1-½" × 1" PEX No Lead Brass Coupling	5	100	ea.	\$ 36.269
<a href="#">29263NL</a>	2" × 1-¼" PEX No Lead Brass Coupling	5	25	ea.	\$ 54.715
<a href="#">29264NL</a>	2" × 1-½" PEX No Lead Brass Coupling	5	25	ea.	\$ 57.447

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



## PEX Insert Couplings - **HPP** 19000 Series

High Performance Polymer PEX insert couplings. SS press sleeves sold separately.

For complete specifications, see submittal [SUB19000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">19005</a>	½" × ½" PEX HPP Coupling	25	1000	ea.	\$ 1.069
<a href="#">19022</a>	¾" × ¾" PEX HPP Coupling	25	500	ea.	\$ 1.658
<a href="#">19028</a>	1" × 1" PEX HPP Coupling	10	200	ea.	\$ 3.202



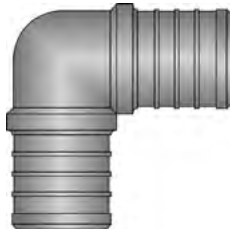
## PEX Insert Reducing Couplings - **HPP** 19200 Series

High Performance Polymer PEX insert reducing couplings. SS press sleeves sold separately.

For complete specifications, see submittal [SUB19000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">19225</a>	¾" × ½" PEX HPP Coupling	25	600	ea.	\$ 1.320
<a href="#">19282</a>	1" × ¾" PEX HPP Coupling	5	300	ea.	\$ 3.089





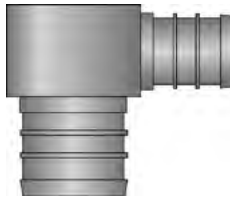
## PEX Insert Elbows - **No Lead Brass** 28000NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × PEX insert elbows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28005NL</a>	½" × ½" PEX No Lead Brass Elbow	25	250	ea.	\$ 3.333
<a href="#">28022NL</a>	¾" × ¾" PEX No Lead Brass Elbow	25	250	ea.	\$ 5.076
<a href="#">28028NL</a>	1" × 1" PEX No Lead Brass Elbow	10	100	ea.	\$ 11.761
<a href="#">28035NL</a>	1-¼" × 1-¼" PEX No Lead Brass Elbow	5	120	ea.	\$ 21.908
<a href="#">28041NL</a>	1-½" × 1-½" PEX No Lead Brass Elbow	5	50	ea.	\$ 52.955
<a href="#">28054NL</a>	2" × 2" PEX No Lead Brass Elbow	5	25	ea.	\$ 98.594

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



## PEX Insert Reducing Elbows - **No Lead Brass** 28200NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × PEX insert reducing elbows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28000NL](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28225NL</a>	¾" × ½" PEX No Lead Brass Elbow	10	250	ea.	\$ 4.199



## PEX Insert Elbows - **HPP** 18000 Series

High Performance Polymer PEX insert elbows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB18000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">18005</a>	½" × ½" PEX HPP Elbow	25	600	ea.	\$ 1.365
<a href="#">18022</a>	¾" × ¾" PEX HPP Elbow	25	300	ea.	\$ 2.308
<a href="#">18225</a>	¾" × ½" PEX HPP Elbow	10	400	ea.	\$ 2.153
<a href="#">18028</a>	1" × 1" PEX HPP Elbow	10	150	ea.	\$ 5.391



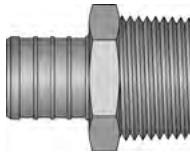
**PEX Insert × MNPT Elbows - *No Lead Brass***  
**28500NL Series**

Solid no lead brass (C69300-EcoBrass) PEX insert elbows. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28500NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28535NL</a>	1-1/4" PEX × 1-1/4" MNPT No Lead Brass Elbow	5	50	ea.	\$ 44.230

**Note:** 1-1/2" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX Insert x MNPT Adapters - **No Lead Brass** 27500NL Series

Solid brass no lead (C69300-EcoBrass) PEX insert x MNPT adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB27500NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">27505NL</a>	½" PEX x ½" MNPT No Lead Brass Adapter	25	250	ea.	\$ 5.792
<a href="#">27552NL</a>	½" PEX x ¾" MNPT No Lead Brass Adapter	10	250	ea.	\$ 8.126
<a href="#">27522NL</a>	¾" PEX x ¾" MNPT No Lead Brass Adapter	25	250	ea.	\$ 8.405
<a href="#">27525NL</a>	¾" PEX x 1" MNPT No Lead Brass Adapter	25	250	ea.	\$ 8.136
<a href="#">27528NL</a>	1" PEX x 1" MNPT No Lead Brass Adapter	10	150	ea.	\$ 15.371
<a href="#">27582NL</a>	1" PEX x ¾" MNPT No Lead Brass Adapter	5	200	ea.	\$ 10.735
<a href="#">27535NL</a>	1-¼" PEX x 1-¼" MNPT No Lead Brass Adapter	5	100	ea.	\$ 36.903
<a href="#">27538NL</a>	1-¼" PEX x 1" MNPT No Lead Brass Adapter	5	100	ea.	\$ 24.092
<a href="#">27541NL</a>	1-½" PEX x 1-½" MNPT No Lead Brass Adapter	5	50	ea.	\$ 39.187
<a href="#">27554NL</a>	2" PEX x 2" MNPT No Lead Brass Adapter	5	25	ea.	\$ 116.121

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX Insert x MNPT Adapters - **HPP** 17500 Series

High Performance Polymer PEX insert x MNPT adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB17500](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">17505</a>	½" PEX x ½" MNPT HPP Adapter	25	500	ea.	\$ 2.227
<a href="#">17552</a>	½" PEX x ¾" MNPT HPP Adapter	25	350	ea.	\$ 2.799
<a href="#">17522</a>	¾" PEX x ¾" MNPT HPP Adapter	25	300	ea.	\$ 2.883
<a href="#">17525</a>	¾" PEX x 1" MNPT HPP Adapter	25	400	ea.	\$ 1.898

WSL





## Drop Ear Elbows - **No Lead Brass** 28300NL Series

Solid no lead brass (C69300-EcoBrass) 1/2" PEX insert × 1/2" FNPT drop ear elbow. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28300NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28305NL</a>	1/2" PEX × 1/2" FNPT Drop Ear No Lead Brass Elbow	10	160	ea.	\$ 14.031



## PEX Insert × FNPT Adapters - **No Lead Brass** 27600NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × FNPT adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB27600NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
	<a href="#">27605NL</a>	1/2" PEX × 1/2" FNPT No Lead Brass Adapter	25	400	ea.	\$ 7.001
	<a href="#">27622NL</a>	3/4" PEX × 3/4" FNPT No Lead Brass Adapter	25	300	ea.	\$ 10.113
	<a href="#">27628NL</a>	1" PEX × 1" FNPT No Lead Brass Adapter	25	150	ea.	\$ 13.582
WSL	<a href="#">27632NL</a>	1-1/4" PEX × 3/4" FNPT No Lead Brass Adapter	5	200	ea.	\$ 20.338
	<a href="#">27635NL</a>	1-1/4" PEX × 1-1/4" FNPT No Lead Brass Adapter	5	80	ea.	\$ 43.350
WSL	<a href="#">27638NL</a>	1-1/4" PEX × 1" FNPT No Lead Brass Adapter	5	100	ea.	\$ 25.731
WSL	<a href="#">27641NL</a>	1-1/2" PEX × 1-1/2" FNPT No Lead Brass Adapter	5	50	ea.	\$ 63.244

**Note:** 1-1/2" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX Insert x FNPT Swivel Adapters - **HPP** 17700 Series

High Performance Polymer PEX insert x FNPT swivel adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB17700](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">17755</a>	1/2" PEX x 1/2" FNPT Swivel HPP Adapter	25	500	ea.	\$ 2.783
<a href="#">17705</a>	1/2" PEX x Ballcock/Closet FNPT Swivel HPP Adapter	25	525	ea.	\$ 3.550



### PEX Insert x FNPT Swivel Elbow Adapter - **HPP** Stk# 18605

High Performance Polymer PEX insert x FNPT swivel elbow adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB18605](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">18605</a>	1/2" PEX x 1/2" FNPT HPP Swivel Elbow	25	300	ea.	\$ 2.766



### 1/2" PEX x 3/8" O.D. Comp. Straight Lav. Tube Adapter - **NL** **Brass**

Stk# 25751NL

Solid no lead brass (C69300-EcoBrass) adapter for connecting faucets. SS press sleeves sold separately.

For complete specifications, see submittal [SUB25751NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">25751NL</a>	1/2" PEX x 3/8" O.D. No Lead Brass Adapter	5	100	ea.	\$ 4.237



### PEX Insert × Male Sweat Adapters - **No Lead Brass** 27100NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert × male sweat adapters. SS press sleeves sold separately.

Not intended for use with copper press fittings.

For complete specifications, see submittal [SUB27000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">27105NL</a>	½" PEX × ½" M/Sweat No Lead Brass Adapter	25	700	ea.	\$ 2.787
<a href="#">27122NL</a>	¾" PEX × ¾" M/Sweat No Lead Brass Adapter	25	400	ea.	\$ 5.313
<a href="#">27128NL</a>	1" PEX × 1" M/Sweat No Lead Brass Adapter	10	200	ea.	\$ 9.213
<a href="#">27135NL</a>	1-¼" PEX × 1-¼" M/Sweat No Lead Brass Adapter	5	120	ea.	\$ 17.562
<a href="#">27141NL</a>	1-½" PEX × 1-½" M/Sweat No Lead Brass Adapter	5	80	ea.	\$ 60.386
<a href="#">27154NL</a>	2" PEX × 2" M/Sweat No Lead Brass Adapter	5	25	ea.	\$ 75.108

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX Insert × Female Sweat Adapters - **No Lead Brass** 27200NL & 27300NL Series

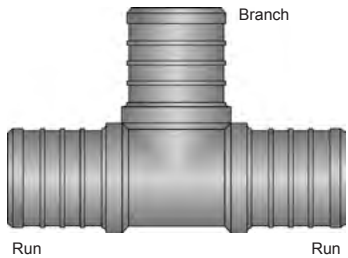
Solid no lead brass (C69300-EcoBrass) PEX insert × female sweat adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB27000NL](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">27205NL</a>	½" PEX × ½" F/Sweat No Lead Brass Adapter	25	700	ea.	\$ 3.164
<a href="#">27222NL</a>	¾" PEX × ¾" F/Sweat No Lead Brass Adapter	25	400	ea.	\$ 5.792
<a href="#">27328NL</a>	¾" PEX × 1" F/Sweat No Lead Adapter	10	100	ea.	\$ 5.899
<a href="#">27228NL</a>	1" PEX × 1" F/Sweat No Lead Brass Adapter	10	200	ea.	\$ 12.995
<a href="#">27235NL</a>	1-¼" PEX × 1-¼" F/Sweat No Lead Brass Adapter	5	120	ea.	\$ 21.117





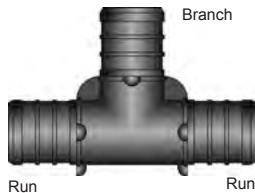
## PEX Insert Tees - **No Lead Brass** 26000NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert tees. SS press sleeves sold separately.

For complete specifications, see submittal [SUB26000NL](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">26555NL</a>	½" × ½" × ½" PEX No Lead Brass Tee	25	250	ea.	\$ 4.211
<a href="#">26222NL</a>	¾" × ¾" × ¾" PEX No Lead Brass Tee	25	250	ea.	\$ 6.667
<a href="#">26888NL</a>	1" × 1" × 1" PEX No Lead Brass Tee	10	100	ea.	\$ 14.243
<a href="#">26333NL</a>	1-¼" × 1-¼" × 1-¼" PEX No Lead Brass Tee	5	80	ea.	\$ 34.217
<a href="#">26444NL</a>	1-½" × 1-½" × 1-½" PEX No Lead Brass Tee	5	30	ea.	\$ 72.263
<a href="#">26666NL</a>	2" × 2" × 2" PEX No Lead Brass Tee	5	25	ea.	\$ 138.133

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.

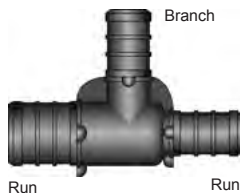


## PEX Insert Tees - **HPP** 16000 Series

High Performance Polymer PEX insert tees. SS press sleeves sold separately.

For complete specifications, see submittal [SUB16000](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">16555</a>	½" × ½" × ½" PEX HPP Tee	25	400	ea.	\$ 1.927
<a href="#">16222</a>	¾" × ¾" × ¾" PEX HPP Tee	25	200	ea.	\$ 2.963
<a href="#">16888</a>	1" × 1" × 1" PEX HPP Tee	10	100	ea.	\$ 7.653

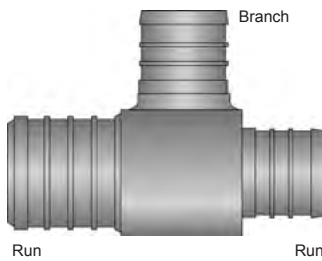


## PEX Insert Reducing Tees - **HPP** 16000 Series

High Performance Polymer PEX insert reducing tees. SS press sleeves sold separately.

For complete specifications, see submittal [SUB16000](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">16552</a>	½" × ½" × ¾" PEX HPP Tee	25	300	ea.	\$ 2.425
<a href="#">16225</a>	¾" × ¾" × ½" PEX HPP Tee	25	250	ea.	\$ 2.738
<a href="#">16228</a>	¾" × ¾" × 1" PEX HPP Tee	5	300	ea.	\$ 6.316
<a href="#">16255</a>	¾" × ½" × ½" PEX HPP Tee	25	300	ea.	\$ 2.284
<a href="#">16252</a>	¾" × ½" × ¾" PEX HPP Tee	25	250	ea.	\$ 2.895
<a href="#">16885</a>	1" × 1" × ½" PEX HPP Tee	10	360	ea.	\$ 5.813
<a href="#">16882</a>	1" × 1" × ¾" PEX HPP Tee	5	100	ea.	\$ 5.949
<a href="#">16822</a>	1" × ¾" × ¾" PEX HPP Tee	5	320	ea.	\$ 6.538
<a href="#">16828</a>	1" × ¾" × 1" PEX HPP Tee	5	300	ea.	\$ 6.161



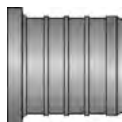
## PEX Insert Reducing Tees - **No Lead Brass** 26000NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert tees. SS press sleeves sold separately.

For complete specifications, see submittal [SUB26000NL](#).

	Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">26552NL</a>	1/2" × 1/2" × 3/4" PEX No Lead Brass Tee	10	250	ea.	\$ 4.298
	<a href="#">26225NL</a>	3/4" × 3/4" × 1/2" PEX No Lead Brass Tee	25	250	ea.	\$ 6.512
	<a href="#">26252NL</a>	3/4" × 1/2" × 3/4" PEX No Lead Brass Tee	25	250	ea.	\$ 6.638
	<a href="#">26255NL</a>	3/4" × 1/2" × 1/2" PEX No Lead Brass Tee	25	250	ea.	\$ 6.499
	<a href="#">26822NL</a>	1" × 3/4" × 3/4" PEX No Lead Brass Tee	5	100	ea.	\$ 14.689
	<a href="#">26885NL</a>	1" × 1" × 1/2" PEX No Lead Brass Tee	10	100	ea.	\$ 13.863
WSL	<a href="#">26882NL</a>	1" × 1" × 3/4" PEX No Lead Brass Tee	5	100	ea.	\$ 15.680
	<a href="#">26322NL</a>	1-1/4" × 3/4" × 3/4" PEX No Lead Brass Tee	5	100	ea.	\$ 20.943
	<a href="#">26382NL</a>	1-1/4" × 1" × 3/4" PEX No Lead Brass Tee	5	100	ea.	\$ 33.639
	<a href="#">26388NL</a>	1-1/4" × 1" × 1" PEX No Lead Brass Tee	5	100	ea.	\$ 37.163
	<a href="#">26335NL</a>	1-1/4" × 1-1/4" × 1/2" PEX No Lead Brass Tee	5	100	ea.	\$ 29.514
	<a href="#">26332NL</a>	1-1/4" × 1-1/4" × 3/4" PEX No Lead Brass Tee	5	80	ea.	\$ 32.996
WSL	<a href="#">26338NL</a>	1-1/4" × 1-1/4" × 1" PEX No Lead Brass Tee	5	80	ea.	\$ 39.799
	<a href="#">26422NL</a>	1-1/2" × 3/4" × 3/4" PEX No Lead Brass Tee	5	60	ea.	\$ 36.221
	<a href="#">26432NL</a>	1-1/2" × 1-1/4" × 3/4" PEX No Lead Brass Tee	5	50	ea.	\$ 57.150
	<a href="#">26442NL</a>	1-1/2" × 1-1/2" × 3/4" PEX No Lead Brass Tee	5	50	ea.	\$ 45.708
	<a href="#">26488NL</a>	1-1/2" × 1" × 1" PEX No Lead Brass Tee	5	50	ea.	\$ 61.396
	<a href="#">26433NL</a>	1-1/2" × 1-1/4" × 1-1/4" PEX No Lead Brass Tee	5	40	ea.	\$ 46.139
WSL	<a href="#">26448NL</a>	1-1/2" × 1-1/2" × 1" PEX No Lead Brass Tee	5	40	ea.	\$ 66.199
	<a href="#">26443NL</a>	1-1/2" × 1-1/2" × 1-1/4" PEX No Lead Brass Tee	5	40	ea.	\$ 51.823
WSL	<a href="#">26633NL</a>	2" × 1-1/4" × 1-1/4" PEX No Lead Brass Tee	5	25	ea.	\$ 153.856
	<a href="#">26642NL</a>	2" × 1-1/2" × 3/4" PEX No Lead Brass Tee	5	25	ea.	\$ 113.975
	<a href="#">26648NL</a>	2" × 1-1/2" × 1" PEX No Lead Brass Tee	5	25	ea.	\$ 117.593
	<a href="#">26643NL</a>	2" × 1-1/2" × 1-1/4" PEX No Lead Brass Tee	5	25	ea.	\$ 121.951
	<a href="#">26644NL</a>	2" × 1-1/2" × 1-1/2" PEX No Lead Brass Tee	5	25	ea.	\$ 134.555
	<a href="#">26662NL</a>	2" × 2" × 3/4" PEX No Lead Brass Tee	5	25	ea.	\$ 115.512
	<a href="#">26668NL</a>	2" × 2" × 1" PEX No Lead Brass Tee	5	25	ea.	\$ 112.759
	<a href="#">26663NL</a>	2" × 2" × 1-1/4" PEX No Lead Brass Tee	5	25	ea.	\$ 117.028
	<a href="#">26664NL</a>	2" × 2" × 1-1/2" PEX No Lead Brass Tee	5	25	ea.	\$ 132.149

**Note:** 1-1/2" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX Insert Plugs - **No Lead Brass** 25000NL Series

Solid no lead brass (C69300-EcoBrass) PEX insert plug. SS press sleeves sold separately.

For complete specifications, see submittal [SUB25000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">25005NL</a>	½" PEX No Lead Brass Plug	25	1200	ea.	\$ 1.982
<a href="#">25022NL</a>	¾" PEX No Lead Brass Plug	25	1000	ea.	\$ 2.842
<a href="#">25028NL</a>	1" PEX No Lead Brass Plug	5	510	ea.	\$ 4.162
<a href="#">25035NL</a>	1-¼" PEX No Lead Brass Plug	5	260	ea.	\$ 10.913
<a href="#">25041NL</a>	1-½" PEX No Lead Brass Plug	5	110	ea.	\$ 51.319
<a href="#">25054NL</a>	2" PEX No Lead Brass Plug	5	25	ea.	\$ 53.764

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.

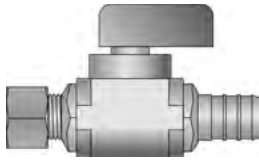


### PEX Insert Plugs - **HPP** 15000 Series

High Performance Polymer PEX insert plugs. SS press sleeves sold separately.

For complete specifications, see submittal [SUB15000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">15005</a>	½" PEX HPP Plug	25	2000	ea.	\$ 0.768
<a href="#">15022</a>	¾" PEX HPP Plug	25	1000	ea.	\$ 1.255
<a href="#">15028</a>	1" PEX HPP Plug	5	500	ea.	\$ 2.083

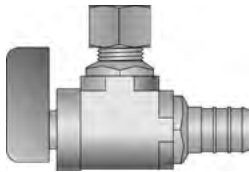


## Plated Straight Ball Valve - **No Lead Brass** Stk #23505NL

No lead brass (C69300-EcoBrass) ½" PEX × ¾" O.D. compression, nickel plated straight ball valve. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23505NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23505NL</a>	½" PEX × ¾" O.D. No Lead Brass Plated Straight Ball Valve	24	144	ea.	\$ 26.631



## Plated Angle Ball Valve - **No Lead Brass** Stk# 23605NL

No lead brass (C69300-EcoBrass) ½" PEX × ¾" O.D. compression, nickel plated angle ball valve. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23605NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23605NL</a>	½" PEX × ¾" O.D. No Lead Brass Plated Angle Ball Valve	24	144	ea.	\$ 26.887



## Straight Ball Valve - **No Lead Brass** Stk# 23905NL

No lead brass (C69300-EcoBrass) ½" PEX × ¼" O.D. compression, straight ball valve. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23905NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23905NL</a>	½" PEX × ¼" O.D. No Lead Straight Ball Valve	24	144	ea.	\$ 29.164



## PEX Insert Straight Ball Valves - **No Lead Brass** 23700NL Series

No lead brass (C69300-EcoBrass) valve. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23700NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23705NL</a>	½" PEX Straight No Lead Brass Ball Valve	24	144	ea.	\$ 28.370
<a href="#">23722NL</a>	¾" PEX Straight No Lead Brass Ball Valve	24	144	ea.	\$ 35.728



## Stop and Waste Valves - **No Lead Brass** 23770NL Series

No lead brass (C69300-EcoBrass) stop and waste valves. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23770NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">23775NL</a>	½" PEX No Lead Stop and Waste Valve	24	144	ea.	\$ 28.032
WSL	<a href="#">23772NL</a>	¾" PEX No Lead Stop and Waste Valve	12	72	ea.	\$ 38.470





## 1/2" PEX × 1/2" M/Sweat Straight Ball Valve - **No Lead Brass** Stk# 23405NL

No lead brass (C69300-EcoBrass) 1/2" PEX × 1/2" male sweat ball valve. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23405NL](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23405NL</a>	1/2" PEX × 1/2" No Lead M/Sweat Straight Ball Valve	24	144	ea.	\$ 11.150



## PEX Insert Ball Valves - **No Lead Brass** 23300NL Series

No lead brass PEX F1807 × PEX F1807 full port straight ball valves with lever handle. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23300NL](#).

*Coming Spring of 2022!*

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23305NL</a>	1/2" PEX F1807 No Lead Brass Ball Valve, Full Port	10	120	ea.	\$ 10.580
<a href="#">23322NL</a>	3/4" PEX F1807 No Lead Brass Ball Valve, Full Port	10	80	ea.	\$ 14.260
<a href="#">23328NL</a>	1" PEX F1807 No Lead Brass Ball Valve, Full Port	6	48	ea.	\$ 23.470
<a href="#">23335NL</a>	1-1/4" PEX F1807 No Lead Brass Ball Valve, Full Port	4	24	ea.	\$ 41.320
<a href="#">23341NL</a>	1-1/2" PEX F1807 No Lead Brass Ball Valve, Full Port	2	16	ea.	\$ 54.260
<a href="#">23354NL</a>	2" PEX F1807 No Lead Brass Ball Valve, Full Port	2	12	ea.	\$ 89.860

New!

New!

New!

New!

New!



## PEX Insert × MNPT Ball Valves - **No Lead Brass** 23800NL Series

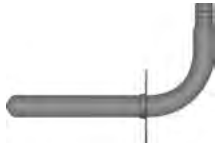
No lead brass PEX F1807 × MNPT straight ball valves with butterfly handle. SS press sleeves sold separately.

For complete specifications, see submittal [SUB23800NL](#).

*Coming Spring of 2022!*

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23822NL</a>	3/4" PEX F1807 × 3/4" MNPT No Lead Brass Ball Valve	10	80	ea.	\$ 17.310



## Stub-out Elbow with Edge Bracket

**Stk# 28205**

Copper stub-out elbow allows for 90° transitions between fixtures and wall cavities. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28205](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28205</a>	½" PEX Barb Stubout Elbow with Edge Bracket	25	100	ea.	\$ 14.230



## Stub-out Elbow

**Stk# 28206**

Copper stub-out elbow allows for 90° transitions between fixtures and wall cavities. SS press sleeves sold separately.

For complete specifications, see submittal [SUB28206](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">28206</a>	½" PEX × Closed, 3-½" × 6" Stub-out Elbow	50		ea.	\$ 8.901

*Look What's New!*

**Heat Link®**

## F1960 PEX-a Potable Water Expansion System



### Fittings and Multiport Tees

High Performance Plastic (HPP) and No Lead (Eco)Brass fittings available in ½" to 2" for all of your plumbing needs.

### PEX-a Expansion Rings

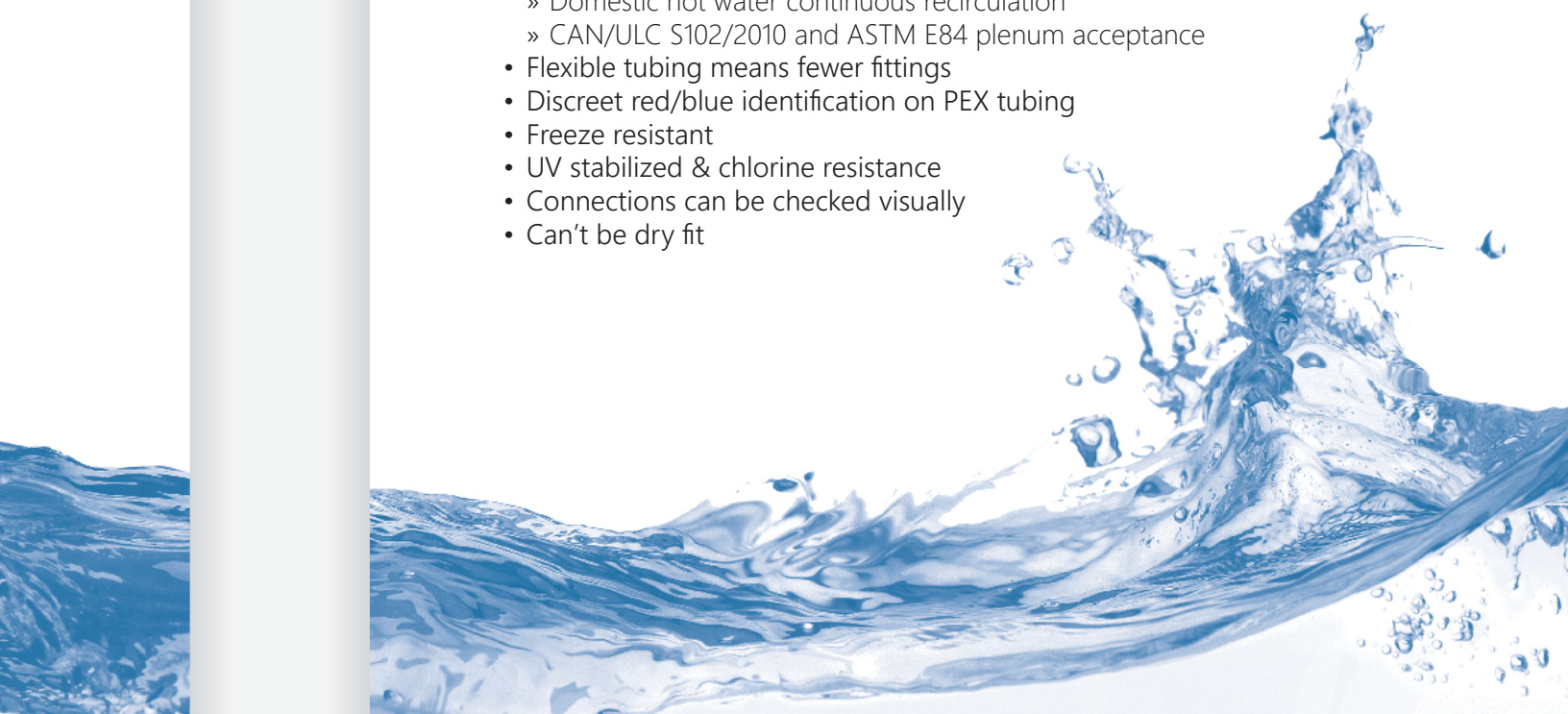
Uses the strong shape memory of PEX-a to form a tight seal. The PEX-a tubing and expansion ring are expanded with a specialized tool, and allowed to contract in order to form the connection. As the PEX-a contracts the connection will strengthen.

### PureLink® Plus PEX-a Tubing

Cross-linked polyethylene tubing; crosslinking occurs during the extrusion process resulting in more uniform and higher degree in cross linking, as well as significantly improved material properties, such as flexibility, chemical resistance, and durability.

### HeatLink F1960 Expansion System Advantages:

- Clean & non-toxic
- Resists scaling & corrosion
- Quiet – no water hammer noise
- Equalized pressure drops, minimize hot or cold surges
- Durable
- Reliable installation
- Low friction losses
- Meets all applicable North American approvals including:
  - » Domestic hot water continuous recirculation
  - » CAN/ULC S102/2010 and ASTM E84 plenum acceptance
- Flexible tubing means fewer fittings
- Discreet red/blue identification on PEX tubing
- Freeze resistant
- UV stabilized & chlorine resistance
- Connections can be checked visually
- Can't be dry fit





### PEX-a Expansion Rings with Stop EX24200 Series

PEX-a expansion rings with 360 degree stop collar for use with PEX F1960 fittings.

For complete specifications, see submittal [SUBEX24200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX24205</a>	½" PEX F1960 Expansion Ring	100	1000	ea.	\$ 0.661
<a href="#">EX24222</a>	¾" PEX F1960 Expansion Ring	50	500	ea.	\$ 0.951
<a href="#">EX24228</a>	1" PEX F1960 Expansion Ring	50	250	ea.	\$ 2.807
<a href="#">EX24235</a>	1-¼" PEX F1960 Expansion Ring	10	150	ea.	\$ 3.361
<a href="#">EX24241</a>	1-½" PEX F1960 Expansion Ring	10	100	ea.	\$ 4.282
<a href="#">EX24250</a>	2" PEX F1960 Expansion Ring	5	50	ea.	\$ 7.379



### PEX F1960 Plugs - *HPP* EX15000 Series

High Performance Polymer PEX F1960 plugs. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX15000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX15005</a>	½" PEX F1960 HPP Plug	25	1000	ea.	\$ 1.856
<a href="#">EX15022</a>	¾" PEX F1960 HPP Plug	25	500	ea.	\$ 3.215
<a href="#">EX15028</a>	1" PEX F1960 HPP Plug	5	600	ea.	\$ 6.160
<a href="#">EX15035</a>	1-¼" PEX F1960 HPP Plug	1	50	ea.	\$ 23.692
<a href="#">EX15041</a>	1-½" PEX F1960 HPP Plug	1	50	ea.	\$ 33.078
<a href="#">EX15054</a>	2" PEX F1960 HPP Plug	1	50	ea.	\$ 46.879





EX13203

## PEX F1960 Closed End HPP Multiport Tees EX13000 Series

Closed one end and 3/4" or 1" PEX F1960 on the other end. 1/2" PEX F1960 branches in single row. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX13000](#)

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX13203</a>	3 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	80	ea.	\$ 19.516
<a href="#">EX13204</a>	4 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	60	ea.	\$ 27.779
<a href="#">EX13206</a>	6 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	40	ea.	\$ 34.251
<a href="#">EX13806</a>	6 Port, 1" PEX F1960 × Closed End HPP Multiport Tee	5	40	ea.	\$ 60.944



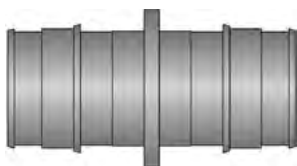
EX14203

## PEX F1960 Flow Through HPP Multiport Tees EX14000 Series

Open on both ends with 3/4" or 1" PEX F1960 connections. 1/2" PEX F1960 branches in single row. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX14000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX14202</a>	2 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	100	ea.	\$ 16.750
<a href="#">EX14203</a>	3 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	80	ea.	\$ 22.220
<a href="#">EX14204</a>	4 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	60	ea.	\$ 28.342
<a href="#">EX14706</a>	6 Port, 1" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	40	ea.	\$ 68.323



### PEX F1960 Couplings - **No Lead Brass** EX29000NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 × PEX F1960 couplings. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX29000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX29005NL</a>	½" × ½" PEX F1960 No Lead Brass Coupling	25	500	ea.	\$ 5.208
<a href="#">EX29022NL</a>	¾" × ¾" PEX F1960 No Lead Brass Coupling	25	250	ea.	\$ 10.799
<a href="#">EX29028NL</a>	1" × 1" PEX F1960 No Lead Brass Coupling	10	250	ea.	\$ 15.015



### PEX F1960 Reducing Couplings - **No Lead Brass** EX29200NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 × PEX F1960 reducing couplings. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX29000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX29225NL</a>	¾" × ½" PEX F1960 No Lead Brass Coupling	25	500	ea.	\$ 11.779
<a href="#">EX29282NL</a>	1" × ¾" PEX F1960 No Lead Brass Coupling	10	250	ea.	\$ 15.425



### PEX F1960 Couplings - **HPP** EX19000 Series

High Performance Polymer PEX F1960 couplings. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX19000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX19005</a>	½" × ½" PEX F1960 HPP Coupling	25	600	ea.	\$ 2.627
<a href="#">EX19022</a>	¾" × ¾" PEX F1960 HPP Coupling	25	300	ea.	\$ 3.853
<a href="#">EX19028</a>	1" × 1" PEX F1960 HPP Coupling	10	100	ea.	\$ 6.974
<a href="#">EX19035</a>	1-¼" × 1-¼" PEX F1960 HPP Coupling	1	50	ea.	\$ 13.557
<a href="#">EX19041</a>	1-½" × 1-½" PEX F1960 HPP Coupling	1	50	ea.	\$ 16.179
<a href="#">EX19054</a>	2" × 2" PEX F1960 HPP Coupling	1	50	ea.	\$ 61.337

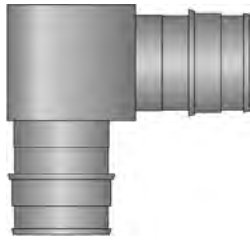


### PEX F1960 Reducing Couplings - **HPP** EX19200 Series

High Performance Polymer PEX F1960 reducing couplings. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX19000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX19225</a>	¾" × ½" PEX F1960 HPP Coupling	25	300	ea.	\$ 3.212
<a href="#">EX19282</a>	1" × ¾" PEX F1960 HPP Coupling	5	150	ea.	\$ 13.908
<a href="#">EX19238</a>	1-¼" × 1" PEX F1960 HPP Coupling	1	50	ea.	\$ 11.982
<a href="#">EX19243</a>	1-½" × 1-¼" PEX F1960 HPP Coupling	1	50	ea.	\$ 15.002
<a href="#">EX19248</a>	1-½" × 1" PEX F1960 HPP Coupling	1	50	ea.	\$ 14.954
<a href="#">EX19264</a>	2" × 1-½" PEX F1960 HPP Coupling	1	50	ea.	\$ 49.732



## PEX F1960 Elbows - **No Lead Brass** EX28000NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 × PEX F1960 elbows. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX28000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX28005NL</a>	½" × ½" PEX F1960 No Lead Brass Elbow	25	250	ea.	\$ 12.672
<a href="#">EX28022NL</a>	¾" × ¾" PEX F1960 No Lead Brass Elbow	25	250	ea.	\$ 18.653
<a href="#">EX28028NL</a>	1" × 1" PEX F1960 No Lead Brass Elbow	10	100	ea.	\$ 27.660



## PEX F1960 Elbows - **HPP** EX18000 Series

High Performance Polymer PEX F1960 elbows. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX18000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX18005</a>	½" × ½" PEX F1960 HPP Elbow	25	500	ea.	\$ 3.421
<a href="#">EX18022</a>	¾" × ¾" PEX F1960 HPP Elbow	25	300	ea.	\$ 5.881
<a href="#">EX18028</a>	1" × 1" PEX F1960 HPP Elbow	10	100	ea.	\$ 11.643
<a href="#">EX18035</a>	1-¼" × 1-¼" PEX F1960 HPP Elbow	1	50	ea.	\$ 24.492
<a href="#">EX18041</a>	1-½" × 1-½" PEX F1960 HPP Elbow	1	50	ea.	\$ 32.620
<a href="#">EX18054</a>	2" × 2" PEX F1960 HPP Elbow	1	50	ea.	\$ 86.908



### PEX F1960 × MNPT Adapters - **No Lead Brass** EX27500NL Series

Solid brass no lead (C69300-EcoBrass) PEX F1960 × MNPT adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX27500NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX27505NL</a>	½" PEX F1960 × ½" MNPT No Lead Brass Adapter	25	250	ea.	\$ 8.665
<a href="#">EX27522NL</a>	¾" PEX F1960 × ¾" MNPT No Lead Brass Adapter	25	250	ea.	\$ 16.607
<a href="#">EX27528NL</a>	1" PEX F1960 × 1" MNPT No Lead Brass Adapter	10	150	ea.	\$ 35.658
<a href="#">EX27535NL</a>	1-¼" PEX F1960 × 1-¼" MNPT No Lead Brass Adapter	5	70	ea.	\$ 97.679
<a href="#">EX27541NL</a>	1-½" PEX F1960 × 1-½" MNPT No Lead Brass Adapter	5	25	ea.	\$ 110.490
<a href="#">EX27554NL</a>	2" PEX F1960 × 2" MNPT No Lead Brass Adapter	5	10	ea.	\$ 322.964

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX F1960 × MNPT Adapters - **HPP** EX17500 Series

High Performance Polymer PEX F1960 × MNPT adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX17500](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX17505</a>	½" PEX F1960 × ½" MNPT HPP Adapter	25	375	ea.	\$ 1.952
<a href="#">EX17552</a>	½" PEX F1960 × ¾" MNPT HPP Adapter	25	350	ea.	\$ 2.515
<a href="#">EX17522</a>	¾" PEX F1960 × ¾" MNPT HPP Adapter	25	300	ea.	\$ 3.101

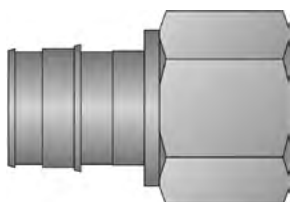


### PEX F1960 Drop Ear Elbows - **No Lead Brass** EX28300NL Series

Solid no lead brass (C69300-EcoBrass) ½" PEX F1960 × ½" FNPT drop ear elbow. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX28300NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX28305NL</a>	½" PEX F1960 × ½" FNPT Drop Ear No Lead Brass Elbow	10	160	ea.	\$ 21.591



### PEX F1960 × FNPT Adapters - **No Lead Brass** EX27600NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 × FNPT adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX27600NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX27605NL</a>	½" PEX F1960 × ½" FNPT No Lead Brass Adapter	25	400	ea.	\$ 18.797
<a href="#">EX27622NL</a>	¾" PEX F1960 × ¾" FNPT No Lead Brass Adapter	25	300	ea.	\$ 20.844
<a href="#">EX27628NL</a>	1" PEX F1960 × 1" FNPT No Lead Brass Adapter	25	150	ea.	\$ 41.934
<a href="#">EX27635NL</a>	1-¼" PEX F1960 × 1-¼" FNPT No Lead Brass Adapter	5	70	ea.	\$ 105.587
<a href="#">EX27641NL</a>	1-½" PEX F1960 × 1-½" FNPT No Lead Brass Adapter	5	35	ea.	\$ 174.771

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



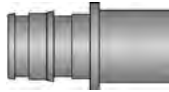
### PEX F1960 × Swivel Adapters - **HPP** 17700 Series

High Performance Polymer PEX F1960 × swivel adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX17700](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX17755</a>	½" PEX F1960 × ½" Swivel HPP Adapter	25	400	ea.	\$ 6.113





### PEX F1960 × Male Sweat Adapters - **No Lead Brass** 27100NL Series

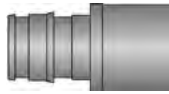
Solid no lead brass (C69300-EcoBrass) PEX F1960 × male sweat adapters. PEX-a expansion rings sold separately.

Not intended for use with copper press fittings.

For complete specifications, see submittal [SUBEX27000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX27105NL</a>	½" PEX F1960 × ½" M/Sweat No Lead Brass Adapter	25	700	ea.	\$ 6.316
<a href="#">EX27122NL</a>	¾" PEX F1960 × ¾" M/Sweat No Lead Brass Adapter	25	400	ea.	\$ 13.506
<a href="#">EX27128NL</a>	1" PEX F1960 × 1" M/Sweat No Lead Brass Adapter	10	200	ea.	\$ 24.292
<a href="#">EX27135NL</a>	1-¼" PEX F1960 × 1-¼" M/Sweat No Lead Brass Adapter	5	40	ea.	\$ 63.875
<a href="#">EX27141NL</a>	1-½" PEX F1960 × 1-½" M/Sweat No Lead Brass Adapter	5	30	ea.	\$ 101.628
<a href="#">EX27154NL</a>	2" PEX F1960 × 2" M/Sweat No Lead Brass Adapter	5	20	ea.	\$ 288.360

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.



### PEX F1960 × Female Sweat Adapters - **No Lead Brass** 27200NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 × female sweat adapters. PEX-a expansion rings sold separately.

Not intended for use with copper press fittings.

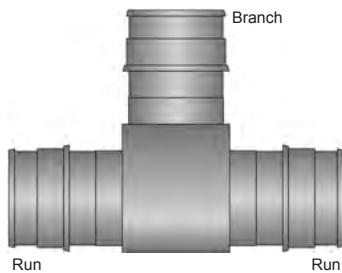
For complete specifications, see submittal [SUBEX27000NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX27205NL</a>	½" PEX F1960 × ½" F/Sweat No Lead Brass Adapter	25	700	ea.	\$ 6.311
<a href="#">EX27222NL</a>	¾" PEX F1960 × ¾" F/Sweat No Lead Brass Adapter	25	400	ea.	\$ 14.062
<a href="#">EX27228NL</a>	1" PEX F1960 × 1" F/Sweat No Lead Brass Adapter	10	200	ea.	\$ 23.756
<a href="#">EX27235NL</a>	1-¼" PEX F1960 × 1-¼" F/Sweat No Lead Brass Adapter	5	70	ea.	\$ 74.821
<a href="#">EX27241NL</a>	1-½" PEX F1960 × 1-½" F/Sweat No Lead Brass Adapter	5		ea.	\$ 102.280
<a href="#">EX27254NL</a>	2" PEX F1960 × 2" F/Sweat No Lead Brass Adapter	5		ea.	\$ 295.590

**Note:** 1-½" and larger fittings may be ordered in less than package quantities; no surcharge.

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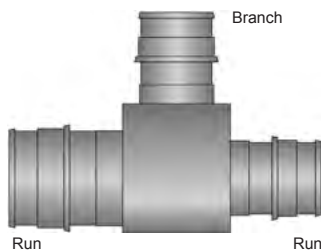


## PEX F1960 Tees - **No Lead Brass** EX26000NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 tees. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX26000NL](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX26555NL</a>	½" × ½" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 15.902
<a href="#">EX26222NL</a>	¾" × ¾" × ¾" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 25.359
<a href="#">EX26888NL</a>	1" × 1" × 1" PEX F1960 No Lead Brass Tee	10	100	ea.	\$ 40.198



## PEX F1960 Reducing Tees - **No Lead Brass** EX26000NL Series

Solid no lead brass (C69300-EcoBrass) PEX F1960 tees. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX26000NL](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX26225NL</a>	¾" × ¾" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 25.287
<a href="#">EX26252NL</a>	¾" × ½" × ¾" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 27.189
<a href="#">EX26255NL</a>	¾" × ½" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 27.532
<a href="#">EX26822NL</a>	1" × ¾" × ¾" PEX F1960 No Lead Brass Tee	5	100	ea.	\$ 40.052
<a href="#">EX26882NL</a>	1" × 1" × ¾" PEX F1960 No Lead Brass Tee	5	100	ea.	\$ 36.509
<a href="#">EX26885NL</a>	1" × 1" × ½" PEX F1960 No Lead Brass Tee	10	100	ea.	\$ 36.089



## PEX F1960 Tees - **HPP** EX16000 Series

High Performance Polymer PEX F1960 tees. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX16000](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX16555</a>	½" × ½" × ½" PEX F1960 HPP Tee	25	250	ea.	\$ 4.312
<a href="#">EX16222</a>	¾" × ¾" × ¾" PEX F1960 HPP Tee	25	100	ea.	\$ 8.098
<a href="#">EX16888</a>	1" × 1" × 1" PEX F1960 HPP Tee	10	60	ea.	\$ 15.137
<a href="#">EX16333</a>	1-¼" × 1-¼" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 27.275
<a href="#">EX16444</a>	1-½" × 1-½" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 40.195
<a href="#">EX16666</a>	2" × 2" × 2" PEX F1960 HPP Tee	1	50	ea.	\$ 101.261



## PEX F1960 Reducing Tees - *HPP* EX16000 Series

High Performance Polymer PEX F1960 reducing tees. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX16000](#).

Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">EX16255</a>	¾" × ½" × ½" PEX F1960 HPP Tee	25	200	ea.	\$ 5.499
<a href="#">EX16225</a>	¾" × ¾" × ½" PEX F1960 HPP Tee	25	175	ea.	\$ 6.233
<a href="#">EX16252</a>	¾" × ½" × ¾" PEX F1960 HPP Tee	25	150	ea.	\$ 7.373
<a href="#">EX16552</a>	½" × ½" × ¾" PEX F1960 HPP Tee	25	200	ea.	\$ 6.243
<a href="#">EX16822</a>	1" × ¾" × ¾" PEX F1960 HPP Tee	5	75	ea.	\$ 14.848
<a href="#">EX16828</a>	1" × ¾" × 1" PEX F1960 HPP Tee	5	60	ea.	\$ 16.421
<a href="#">EX16882</a>	1" × 1" × ¾" PEX F1960 HPP Tee	5	75	ea.	\$ 14.749
<a href="#">EX16885</a>	1" × 1" × ½" PEX F1960 HPP Tee	10	90	ea.	\$ 15.927
<a href="#">EX16332</a>	1-¼" × 1-¼" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 25.160
<a href="#">EX16335</a>	1-¼" × 1-¼" × ½" PEX F1960 HPP Tee	1	50	ea.	\$ 21.415
<a href="#">EX16338</a>	1-¼" × 1-¼" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 26.547
<a href="#">EX16382</a>	1-¼" × 1" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 21.415
<a href="#">EX16388</a>	1-¼" × 1" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 24.985
<a href="#">EX16432</a>	1-½" × 1-¼" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 34.406
<a href="#">EX16433</a>	1-½" × 1-¼" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 37.788
<a href="#">EX16438</a>	1-½" × 1-¼" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 35.333
<a href="#">EX16442</a>	1-½" × 1-½" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 37.154
<a href="#">EX16443</a>	1-½" × 1-½" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 36.096
<a href="#">EX16448</a>	1-½" × 1-½" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 34.194
<a href="#">EX16488</a>	1-½" × 1" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 32.244
<a href="#">EX16642</a>	2" × 1-½" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 96.696
<a href="#">EX16643</a>	2" × 1-½" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 99.205
<a href="#">EX16644</a>	2" × 1-½" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 110.364
<a href="#">EX16648</a>	2" × 1-½" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 80.965
<a href="#">EX16662</a>	2" × 2" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 118.785
<a href="#">EX16663</a>	2" × 2" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 98.877
<a href="#">EX16664</a>	2" × 2" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 90.913
<a href="#">EX16668</a>	2" × 2" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 87.695



**PEX F1960 Ball Valves - No Lead Brass**  
**EX23300NL Series**

No lead brass PEX F1960 × PEX F1960 full port straight ball valves with lever handle. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX23300NL](#).

*Coming Spring of 2022!*

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<b>New!</b>	<a href="#">EX23305NL</a>	½" PEX F1960 No Lead Brass Ball Valve, Full Port	10	120	ea.	\$ 18.170
<b>New!</b>	<a href="#">EX23322NL</a>	¾" PEX F1960 No Lead Brass Ball Valve, Full Port	10	80	ea.	\$ 24.840
<b>New!</b>	<a href="#">EX23328NL</a>	1" PEX F1960 No Lead Brass Ball Valve, Full Port	6	48	ea.	\$ 32.130
<b>New!</b>	<a href="#">EX23335NL</a>	1-¼" PEX F1960 No Lead Brass Ball Valve, Full Port	4	24	ea.	\$ 64.240
<b>New!</b>	<a href="#">EX23341NL</a>	1-½" PEX F1960 No Lead Brass Ball Valve, Full Port	2	16	ea.	\$ 85.760
<b>New!</b>	<a href="#">EX23354NL</a>	2" PEX F1960 No Lead Brass Ball Valve, Full Port	2	12	ea.	\$ 150.570



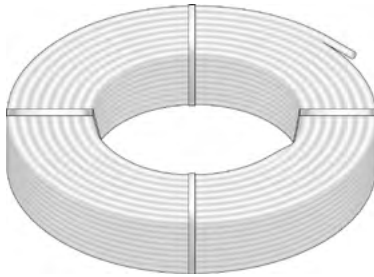
**PEX F1960 × MNPT Ball Valves - No Lead Brass**  
**EX23800NL Series**

No lead brass PEX F1960 × MNPT straight ball valves with butterfly handle. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX23800NL](#).

*Coming Spring of 2022!*

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<b>New!</b>	<a href="#">EX23822NL</a>	¾" PEX F1960 × ¾" MNPT No Lead Brass Ball Valve	10	80	ea.	\$ 20.720



### PEX-a Tubing Coils with O<sub>2</sub> Barrier 94000 Series

High molecular cross-linked polyethylene (PEX-a) with minimum bending radii of 6× the diameter at 68°F (20°C). Maximum operating temperature: 180°F @ 100 PSI (82°C @ 690 kPa). Covered by a twenty-five year manufacturer's limited warranty. Comes with oxygen diffusion barrier which prevents oxygen from entering the heating system through the tubing wall. For complete specifications, see submittal [SUB94000](#).

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">94205</a>	½" 250ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	48	coil	\$ 206.00
<a href="#">94305</a>	½" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	48	coil	\$ 247.20
<a href="#">94505</a>	½" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	32	coil	\$ 412.00
<a href="#">94105</a>	½" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 824.00
<a href="#">94319</a>	⅝" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	32	coil	\$ 413.70
<a href="#">94519</a>	⅝" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 689.50
<a href="#">94119</a>	⅝" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 1,379.00
<a href="#">94322</a>	¾" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 534.90
<a href="#">94522</a>	¾" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 891.50
<a href="#">94122</a>	¾" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,783.00
<a href="#">94128</a>	1" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	28	coil	\$ 348.40
<a href="#">94528</a>	1" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,742.00
<a href="#">94135</a>	1-¼" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 591.80
<a href="#">94335</a>	1-¼" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,775.40
<a href="#">94141</a>	1-½" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	10	coil	\$ 887.80
<a href="#">94341</a>	1-½" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	7	coil	\$ 2,663.40





### PEX-a Tubing Straight Lengths with O<sub>2</sub> Barrier 94000 Series

High molecular cross-linked polyethylene (PEX-a) with minimum bending radii of 6× the diameter at 68°F (20°C). Maximum operating temperature: 180°F @ 100 PSI (82°C @ 690 kPa). Covered by a twenty-five year manufacturer's limited warranty. Comes with oxygen diffusion barrier which prevents oxygen from entering the heating system through the tubing wall. For complete specifications, see submittal [SUB94000](#).

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
<a href="#">94222</a>	¾" 10×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	\$ 356.60
<a href="#">94228</a>	1" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	\$ 348.40
<a href="#">94235</a>	1-¼" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	15	bundle	\$ 591.80
<a href="#">94241</a>	1-½" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing	1	10	bundle	\$ 887.80

### HeatLink® O<sub>2</sub> Barrier Pipe-in-Pipe 94000 Sheathed Series

PEX-a carrier tubing specified on previous pages. The flexible, impact resistant red PP sheath designed as a raceway for electrical installations provides mechanical and UV protection to the PEX-a carrier tubing. The sheath allows for easy replacement of the PEX-a carrier tubing if needed.

For complete specifications, see submittal [SUB94000rs](#).

Minimum bending radius @ 68°F (20°C) for: ½" = 3" (77 mm)

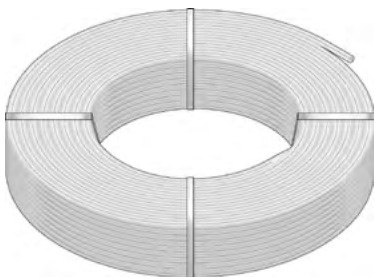
PP sheath is rated to UL94HB "Tests for Flammability of Plastic Materials."

Corrugated sheath outside diameter for: ½" = 0.93" (23.6 mm)



	Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<b>Special Order*</b>	<a href="#">94305rs</a>	½" 300' O <sub>2</sub> Barrier HeatLink® Pipe-in-Pipe Red Sheath	1	18	coil	\$ 458.40
<b>Special Order*</b>	<a href="#">94322rs</a>	¾" 300' O <sub>2</sub> Barrier HeatLink® Pipe-in-Pipe Red Sheath	1	9	coil	\$ 879.00

\* Lead time may vary. Call to confirm time line.



### Non Barrier PEX-a Tubing Coils 20000 Series

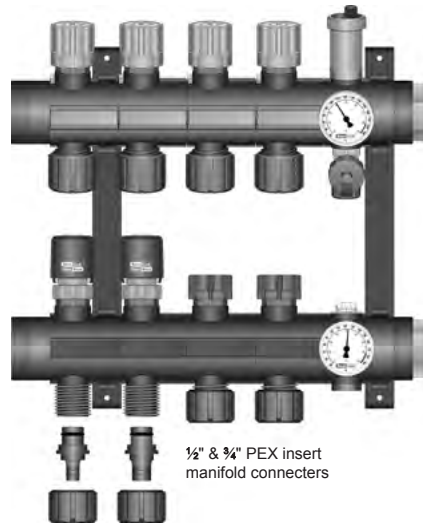
High molecular cross-linked polyethylene (PEX-a) with minimum bending radii of 6× the diameter at 68°F (20°C). Maximum operating temperature: 180°F @ 100 PSI (82°C @ 690 kPa). Covered by a twenty-five year manufacturer's limited warranty.

For complete specifications, see submittal [SUB20000](#).

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">20305</a>	½" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 259.50
<a href="#">20505</a>	½" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 432.50
<a href="#">20905</a>	½" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 865.00
<a href="#">20322</a>	¾" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	21	coil	\$ 480.30
<a href="#">20522</a>	¾" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	12	coil	\$ 800.50
<a href="#">20128</a>	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 267.30
<a href="#">20328</a>	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 801.90

## Features & Benefits :

- Modular “tool-less” assembly.
- Multiple configurations, all interchangeable; can be reconfigured on-site.
- Unlike a fixed loop manifold, loops can be added or removed as required.
- Stock is flexible, as there is no need to stock fixed-length manifolds. Minimal SKUs on the shelf.
- Balancing return.
- Zone valve supply with manual shut-off; accepts optional actuators.
- Max. trunk flow rate:  
79400 kit - 18 US gpm (4.1 m<sup>3</sup>/h)
- Max. circuit flow rate:  
2.5 US gpm (0.57 m<sup>3</sup>/h)
- ½", ⅝", and ¾" PEX to manifold connectors available.
- Test rated to over 230 PSI @ 180°F water temperature.
- 5 year limited warranty.



(79400 assembly kit shown with 4× 78400 module pairs and 2 actuators)

## Typical Applications:

- Commercial.
- Snow melting.

Assembly Kit	# of Loops	Modules	Additional Brackets	Recommended Housing*	
				Recessed**	Surface Mount with Rails
79400	2	2× 78400	-	71724	72434
	3	3× 78400	-	71724	72434
	4	4× 78400	-	71724	72434
	5	5× 78400	-	71730	72434
	6	6× 78400	1× 79991	71730	72434
	7	7× 78400	1× 79991	71743	72434
	8	8× 78400	1× 79991	71743	72434
	9	9× 78400	2× 79991	71743	72442
	10	10× 78400	2× 79991	71743	72442
	11	11× 78400	2× 79991	71743	72442
	12	12× 78400	3× 79991	n/a	72442
<b>Actuator Selection</b>					
Actuator with LED		56200			
Actuator with End Switch		56230			

Tubing Size	Tubing to Manifold Connectors / Loop		Conduit Elbows / Loop for “Wet” Installation
	Compression	PEX Insert	
½"	77005	2× 23015	2× 86005
⅝"	77019	n/a	2× 86020
¾"	77022	2× 23032	2× 86022

\* Recommended housing based on 79400 kit and 90° mains piping.

\*\* Thermometers must be removed.



### TwistSeal® (55 mm) Deluxe Manifold Assembly Kit Stk# 79400

This package contains the items needed to assemble a Deluxe TwistSeal® Manifold. Contents include:

- 2 mounting brackets
- 2 - 1" FNPT supply end connections
- 2 closed end caps
- 1 lube bottle
- 2 cross tees c/w 3 - 1/2" cross tee plugs
- 1 thermometer pair c/w wells
- 1 manual air vent with 1 key
- 1 automatic air vent
- 1 hose bib
- 1 wrench for plastic nut

For complete specifications, see submittal [SUB79400](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79400</a>	1" TwistSeal® (55mm) Deluxe Manifold Assembly Kit	1		ea.	\$ 524.37



### Mounting Bracket (55 mm) Stk# 79991

Plastic mounting bracket which allows easy 'snap-on' mounting of manifolds.

- 1 additional bracket should be used on 6 to 8 loop manifolds.
- 2 additional brackets should be used on 9 to 11 loop manifolds.
- 3 additional brackets should be used on 12 loop manifolds.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79991</a>	TwistSeal® (55mm) Mounting Bracket	1		ea.	\$ 25.60



### TwistSeal® Deluxe (55 mm) Supply / Return Modules c/w Heavy Duty Zone Valve Supply & Balancing Return Stk# 78400

The supply module provides on/off manual control to allow isolation of individual loops, and may be fitted for electric actuator and thermostat operation. The return module permits the balancing of the flow rate. Comes with o-rings. Modules can be locked in place with a couple of turns. No threaded rod, solder, or tools required. Just twist and seal.

For complete specifications, see submittal [SUB78400](#) or [SUB79400](#).

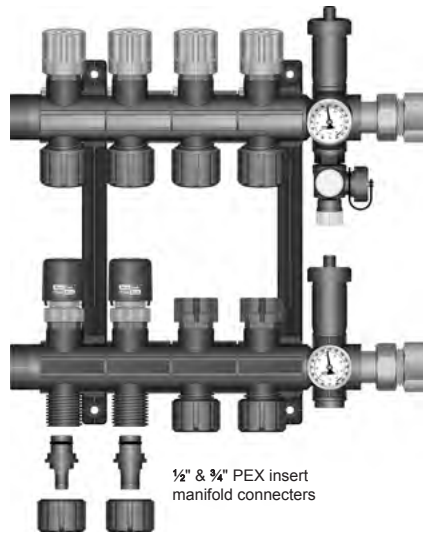
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">78400</a>	TwistSeal® Deluxe (55mm) Z.V. Supply & Balancing Return Module Pair	1	10	pair	\$ 201.82

## Features & Benefits :

- Modular “tool-less” assembly.
- Multiple configurations ,all interchangeable; can be reconfigured on-site.
- Unlike a fixed loop manifold, loops can be added or removed as required.
- Stock is flexible, as there is no need to stock fixed-length manifolds. Minimal SKUs on the shelf.
- Maximum trunk flow rate: 11 US gpm (2.5 m³/h)
- Maximum circuit flow rate:  
7830x - 1 US gpm (0.23 m³/h)  
78200 - 1.25 US gpm (0.28 m³/h)
- ½", ⅝", and ¾" PEX to manifold connectors available.
- Test rated to over 230 PSI @ 180°F water temperature.
- 5 year limited warranty.

## Typical Applications:

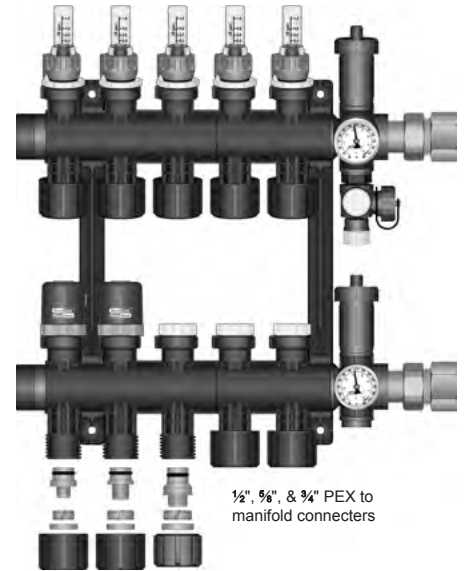
- Residential.
- Small commercial.



(79200 assembly kit shown with 78200 module pairs and 2 actuators)

### 78200 Module Specific Features:

- Flow balancing return.
- Zone valve supply with manual shut-off; accepts optional actuators.



(79200 assembly kit shown with 78302 and 78303 module pairs and 2 actuators)

### 7830x Module Specific Features:

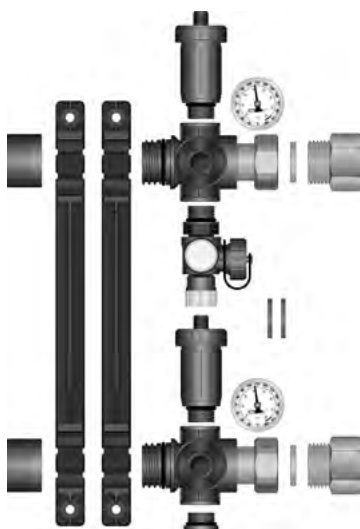
- Lockable balancing return with 0.4 - 1 US gpm (1.5 - 3.8 L/min) flow meter.
- Zone valve supply with manual shut-off; accepts optional actuators.

Assembly Kit	# of Loops	Choose Module Type		Additional Brackets	Recommended Housing*	
		Balancing	Multipoint Flow Meter		Recessed	Surface Mount with Rails
79200	2	2× 78200	1× 78302	-	71724	72434
	3	3× 78200	1× 78303	-	71724	72434
	4	4× 78200	2× 78302	-	71724	72434
	5	5× 78200	1× 78302 1× 78303	-	71730	72434
	6	6× 78200	2× 78303	1× 79892	71730	72434
	7	7× 78200	2× 78302 1× 78303	1× 79892	71730	72434
	8	8× 78200	1× 78302 2× 78303	1× 79892	71743	72434
	9	9× 78200	3× 78303	2× 79892	71743	72442
	10	10× 78200	2× 78302 2× 78303	2× 79892	71743	72442
	11	11× 78200	1× 78302 3× 78303	2× 79892	71743	72442
	12	12× 78200	4× 78303	3× 79892	71743	72442
	Actuator Selection					
	Actuator with LED	56200	56202			
	Actuator with End Switch	56230	56232			

Tubing Size	Tubing to Manifold Connectors / Loop		Conduit Elbows / Loop for “Wet” Installation
	Compression	PEX Insert	
½"	77005	2× 23015	2× 86005
⅝"	77019	n/a	2× 86020
¾"	77022	2× 23032	2× 86022

\* Recommended housing based on 79200 kit and 90° mains piping





### TwistSeal® Mini (40 mm) Deluxe Manifold Assembly Kit Stk# 79200

This package contains the items needed to assemble a mini deluxe heating manifold. Contents include:

- 2 mounting brackets
- 2 - 1" union cross tee end connection c/w green fibre gasket
- 2 - 1" MBSP × 1" FNPT adapter
- 2 red rubber gaskets for air testing
- 2 closed end caps
- 1 - ½" cross tee plug
- 1 thermometer pair
- 2 automatic air vents
- 1 hose bib
- 1 lubricant package

For complete specifications, see submittal [SUB78200](#) or [SUB78300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79200</a>	1" TwistSeal® Mini (40mm) Deluxe Manifold Assembly Kit	1		ea.	\$ 244.42

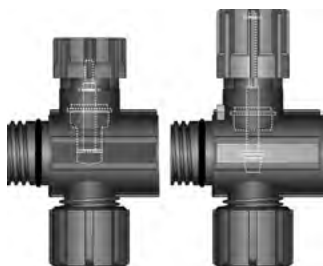


### Mini Mounting Bracket (40 mm) Stk# 79892

Plastic mounting bracket which allow easy 'snap-on' mounting of manifolds. Offset provides tubing passage behind second manifold.

- 1 additional bracket should be used on 6 to 8 loop manifolds.
- 2 additional brackets should be used on 9 to 11 loop manifolds.
- 3 additional brackets should be used on 12 loop manifolds.

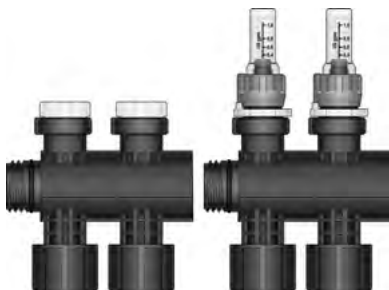
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79892</a>	TwistSeal® Multiport (40mm) Double Mounting Bracket	1	20	ea.	\$ 20.94


**TwistSeal® Mini Deluxe (40 mm) Supply / Return Modules  
c/w Heavy Duty Zone Valve Supply & Balancing Return  
Stk# 78200**

The supply module provides on/off manual control to allow isolation of individual loops. The return module permits balancing of the flow rate with flow setting dial. Comes with o-rings.

For complete specifications, see submittal [SUB78200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">78200</a>	TwistSeal® Mini Deluxe (40mm) Z.V. Supply & Balancing Return Module Pair	1	10	pair	\$ 149.04


**TwistSeal® Mini (40 mm) Multiport Zone Valve Supply &  
Flow Meter Balancing Return Module Pair  
78300 Series**

The supply module provides on/off manual control to allow isolation of individual loops. The return module permits visual balancing of the flow rate with the flow meter. Comes with o-rings.

For complete specifications, see submittal [SUB78300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">78302</a>	TwistSeal® Mini (40mm) 2-port Z.V. Supply & Flow Meter Return Module Pair	1	6	pair	\$ 231.35
<a href="#">78303</a>	TwistSeal® Mini (40mm) 3-port Z.V. Supply & Flow Meter Return Module Pair	1	4	pair	\$ 346.97



### PEX Connectors for TwistSeal® Manifolds 77000 Series

Solid brass fitting attaches to the end of the PEX tubing and allows for easy installation onto the bottom of the manifold module. Comes with o-ring.

For complete specifications, see submittal [SUB77000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">77005</a>	1/2" PEX to TwistSeal® Manifold Connector	1	10	pair	\$ 22.46
<a href="#">77019</a>	5/8" PEX to TwistSeal® Manifold Connector	1	10	pair	\$ 30.02
<a href="#">77022</a>	3/4" PEX to TwistSeal® Manifold Connector c/w Nut	1		pair	\$ 48.69



### PEX Insert Connectors for TwistSeal® Manifold 23000 Series

Plastic fitting is installed into the bottom of the manifold module and is held in place by the nut. The tubing is then pressed on to this fitting. Comes with o-ring. SS press sleeves sold separately ([page 12](#)). *Not for potable water use.*

For complete specifications, see submittal [SUB23000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">23015</a>	1/2" PEX Insert Manifold Connector	5		ea.	\$ 5.30
<a href="#">23032</a>	3/4" PEX Insert Manifold Connector c/w Nut	5		ea.	\$ 8.56

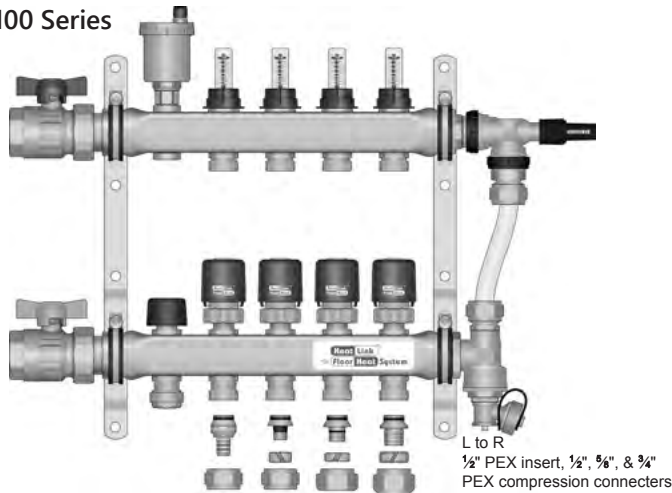


# 1-1/4" Stainless Steel Manifolds

## Common Features:

- Preassembled configurations from 2 to 12 loops.
- Integrated 1" FNPT isolation valves and hosebibs.
- Zone valve return balancing with manual shut-off; accepts optional actuators.
- Maximum trunk flow rate: 18 US gpm (4.1 m<sup>3</sup>/h)
- 1/2", 5/8", and 3/4" PEX connectors available.

### 76100 Series



(76105 - 5 loop model shown with 4 actuators, automatic air vent, 1/2" plug, port cap, and pressure bypass valve)

### Model Specific Features:

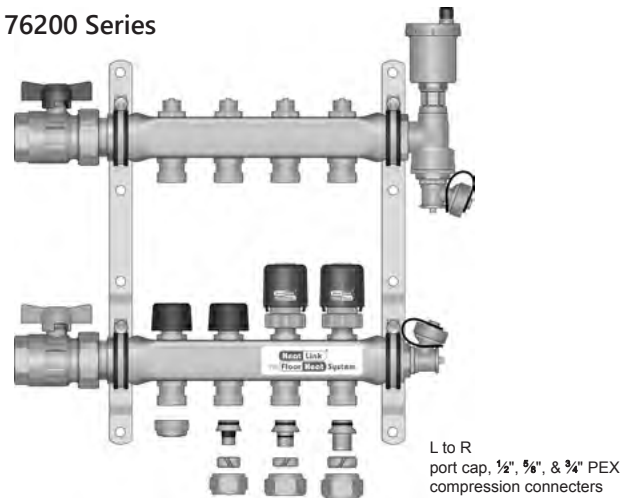
- Maximum circuit flow rate: 1.5 US gpm (0.34 m<sup>3</sup>/h)
- Balancing supply with 0-1.5 US gpm (0-5 L/min) flow meter.

### Typical Applications:

- Residential.
- Small commercial.

# of Loops	Recommended Housing*	
	Recessed	Surface Mount with Rails
2	71724	72434
3	71724	72434
4	71730	72434
5	71730	72434
6	71730	72434
7	71743	72434
8	71743	72434
9	71743	72434
10	71743	72442
11	71743	72442
12	71743	72442

### 76200 Series



(76204 - 4 loop model shown with 2 actuators and side mount automatic air vent)

### Model Specific Features:

- Maximum circuit flow rate: 2.5 US gpm (0.57m<sup>3</sup>/h)
- Balancing supply.

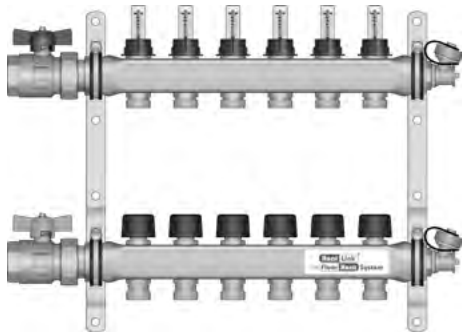
### Typical Applications:

- Commercial.
- Snow melting.

Tubing Size	PEX Connecters / Loop		Conduit Elbows / Loop for "Wet" Installation
	Compression	Insert	
1/2"	77105	77305	2× 86005
5/8"	77119	n/a	2× 86020
3/4"	77122	n/a	2× 86022

Manifold Series	Actuator with LED	Actuator with End Switch	DDC Actuator
1-1/4" Stainless Steel (76100 or 76200 series)	56201	56231	56121

\* Recommended housing based on 90° mains piping



### 1-1/4" Stainless Steel Manifolds with Flow Meters 76100 Series

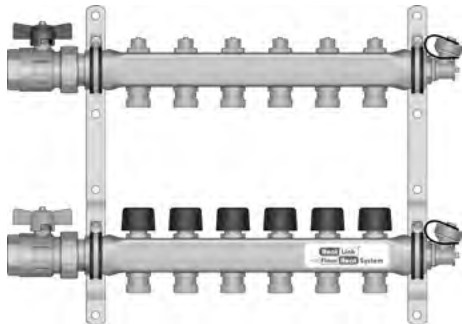
Manifold includes:

- 1 assembled flow balancing supply manifold with 1" FNPT isolation valve and hose bib/air vent.
- 1 assembled balancing shut-off return manifold with 1" FNPT isolation valve and hose bib/air vent.
- 2 mounting brackets.

PEX connectors & port caps sold separately.

For complete specifications, see submittal [SUB76100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76102</a>	2 Loop SS Manifold with Flow Meters	1		ea.	\$ 548.49
<a href="#">76103</a>	3 Loop SS Manifold with Flow Meters	1		ea.	\$ 639.71
<a href="#">76104</a>	4 Loop SS Manifold with Flow Meters	1		ea.	\$ 785.93
<a href="#">76105</a>	5 Loop SS Manifold with Flow Meters	1		ea.	\$ 877.27
<a href="#">76106</a>	6 Loop SS Manifold with Flow Meters	1		ea.	\$ 987.03
<a href="#">76107</a>	7 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,078.37
<a href="#">76108</a>	8 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,224.65
<a href="#">76109</a>	9 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,325.06
<a href="#">76110</a>	10 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,425.81
<a href="#">76111</a>	11 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,626.64
<a href="#">76112</a>	12 Loop SS Manifold with Flow Meters	1		ea.	\$ 1,827.90



### 1-1/4" High Flow Stainless Steel Manifolds 76200 Series

Manifold includes:

- 1 assembled balancing supply manifold with 1" FNPT isolation valve and hose bib/air vent.
- 1 assembled balancing shut-off return manifold with 1" FNPT isolation valve and hose bib/air vent.
- 2 mounting brackets.

PEX connectors & port caps sold separately.

For complete specifications, see submittal [SUB76200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76202</a>	2 Loop High Flow SS Manifold	1		ea.	\$ 527.83
<a href="#">76203</a>	3 Loop High Flow SS Manifold	1		ea.	\$ 605.76
<a href="#">76204</a>	4 Loop High Flow SS Manifold	1		ea.	\$ 739.61
<a href="#">76205</a>	5 Loop High Flow SS Manifold	1		ea.	\$ 817.67
<a href="#">76206</a>	6 Loop High Flow SS Manifold	1		ea.	\$ 914.37
<a href="#">76207</a>	7 Loop High Flow SS Manifold	1		ea.	\$ 992.55
<a href="#">76208</a>	8 Loop High Flow SS Manifold	1		ea.	\$ 1,126.31
<a href="#">76209</a>	9 Loop High Flow SS Manifold	1		ea.	\$ 1,213.66
<a href="#">76210</a>	10 Loop High Flow SS Manifold	1		ea.	\$ 1,301.20
<a href="#">76211</a>	11 Loop High Flow SS Manifold	1		ea.	\$ 1,490.53
<a href="#">76212</a>	12 Loop High Flow SS Manifold	1		ea.	\$ 1,680.00



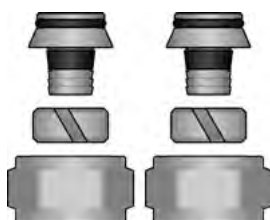
### Port Caps for 1-1/4" Stainless Steel Manifolds

Stk# 77100

Caps off unused ports on the 1-1/4" Stainless Steel Manifold. Includes fiber gasket.

For complete specifications, see submittal [SUB77100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">77100</a>	Port Cap for 1-1/4" SS Manifold	1	10	pair	\$ 20.97

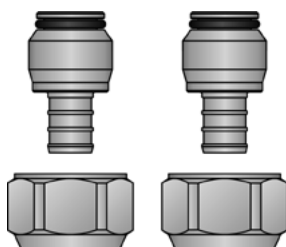


### PEX Compression Connectors for 1-1/4" Stainless Steel Manifolds 77100 Series

Solid brass fitting attaches to the end of the PEX tubing and allows for easy installation onto the bottom of the 1-1/4" SS manifold. Comes with o-ring.

For complete specifications, see submittal [SUB77100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">77105</a>	1/2" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 30.35
<a href="#">77119</a>	5/8" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 36.38
<a href="#">77122</a>	3/4" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 70.94



### PEX Insert Connectors for 1-1/4" Stainless Steel Manifolds 77300 Series

Solid brass fitting is installed into the bottom of the manifold and is held in place by the nut. The tubing is then pressed on to this fitting. Comes with o-ring. SS press sleeves sold separately ([page 12](#)). *Not for potable water use.*

For complete specifications, see submittal [SUB77300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">77305</a>	1/2" PEX Insert to 1-1/4" SS Manifold Connector	1		pair	\$ 29.73



### Coupling for 1-1/4" Stainless Steel Manifold

Stk# 76100

Used to connect 1-1/4" SS manifolds together. Comes with o-rings.

For complete specifications, see submittal [SUB76100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76100</a>	Coupling for SS Manifold	1		ea.	\$ 57.04



### 1/2" Plug for 1-1/4" Stainless Steel Manifold

Stk# 76905

Plug to seal 1-1/4" SS manifold outlet. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76905</a>	1/2" Plug for 1-1/4" SS Manifold	1		ea.	\$ 11.22





### Automatic Air Vent for Stainless Steel Manifold Stk# 76932

Add an automatic air vent to the 1-1/4" SS manifold by replacing a valve or 2" SS manifold by replacing a hose bib. Comes with o-ring.

For complete specifications, see submittal [SUB76932](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76932</a>	Automatic Air Vent for 1-1/4" SS Manifold	1		ea.	\$ 50.66



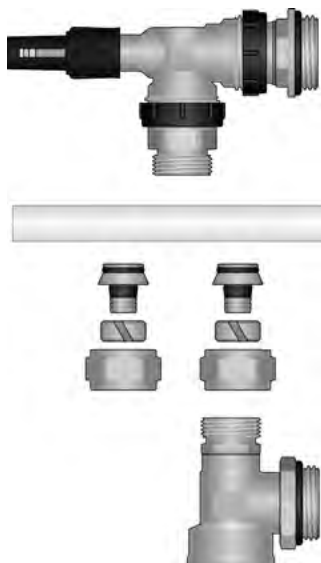
### Side Mount Automatic Air Vent Set for 1-1/4" Stainless Steel Manifold Stk# 76935

Add an automatic air vent to the 1-1/4" SS manifold without occupying a loop. Comes with o-ring.

Side Mount Automatic Air Vent is not compatible with the Pressure Bypass Kit (#76937).

For complete specifications, see submittal [SUB76935](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76935</a>	Side Mount Automatic Air Vent Set for 1-1/4" SS Manifold	1		ea.	\$ 123.06



### Pressure Bypass Kit for 1-1/4" Stainless Steel Manifold Stk# 76937

This valve prevents a steep rise of the pump head and maintains flow at a stable rate. Also ensures only required amount of circulating water is used for hydronic systems. The valve can be adjusted to any point between 0.05 and 0.5 bar (1.67 and 16.7 ft H<sub>2</sub>O). Comes with o-rings.

Pressure Bypass Kit is not compatible with the Side Mount Automatic Air Vent Set (#76935).

For complete specifications, see submittal [SUB76937](#).

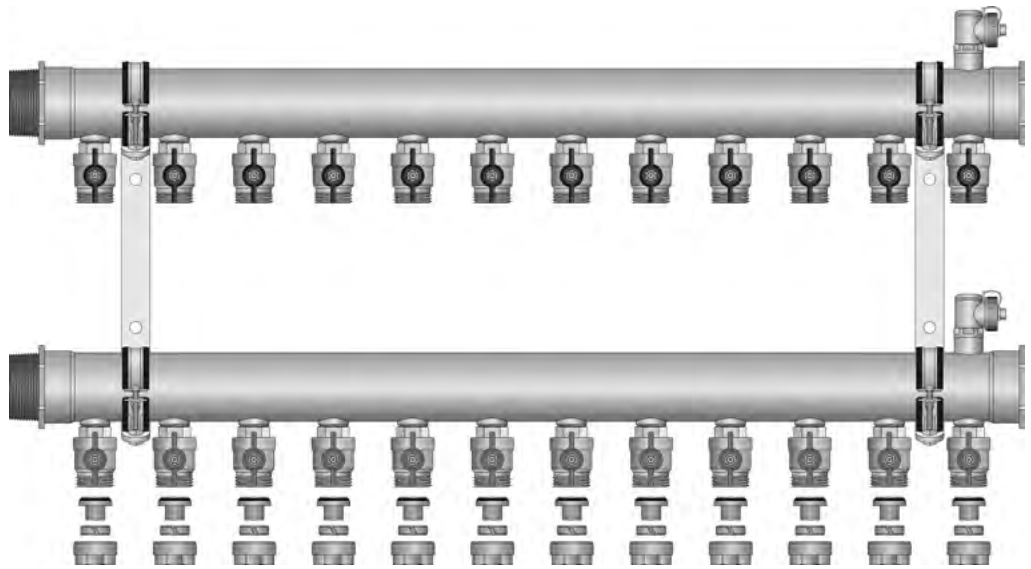
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76937</a>	Pressure Bypass Kit for 1-1/4" SS Manifold	1		ea.	\$ 379.29

### Features:

- Preassembled configurations from 4 to 14 loops.
- Ball valve isolation for each loop.
- 1-½" and 2" MNPT open end adapters.
- Maximum trunk flow rate: 50 US gpm (11.4 m³/h).
- Branch pair Cv = 6.
- ½", ¾", and 1" PEX connectors.

### Typical Applications:

- Large commercial.
- Snow melting.
- Distribution header.



(76612 - 12 loop model shown with 2" MNPT Assembly Kit, and ¾" PEX connectors)



### 2" Stainless Steel Manifolds 76600 Series

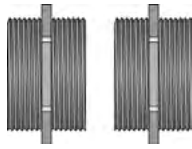
Manifold includes:

- 1 assembled supply manifold with ball valves and hose bib/air vent.
- 1 assembled return manifold with ball valves and hose bib/air vent.
- 2 mounting brackets.

Assembly Kit and PEX connectors sold separately.

For complete specifications, see submittal [SUB76604](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">76604</a>	4 Loop 2" SS Manifold	1		ea.	\$ 803.15
WSL	<a href="#">76605</a>	5 Loop 2" SS Manifold	1		ea.	\$ 978.63
	<a href="#">76606</a>	6 Loop 2" SS Manifold	1		ea.	\$ 1,629.55
WSL	<a href="#">76607</a>	7 Loop 2" SS Manifold	1		ea.	\$ 1,236.23
	<a href="#">76608</a>	8 Loop 2" SS Manifold	1		ea.	\$ 1,989.65
WSL	<a href="#">76609</a>	9 Loop 2" SS Manifold	1		ea.	\$ 1,494.30
	<a href="#">76610</a>	10 Loop 2" SS Manifold	1		ea.	\$ 2,355.88
WSL	<a href="#">76611</a>	11 Loop 2" SS Manifold	1		ea.	\$ 1,701.64
	<a href="#">76612</a>	12 Loop 2" SS Manifold	1		ea.	\$ 2,807.30
	<a href="#">76614</a>	14 Loop 2" SS Manifold	1		ea.	\$ 2,857.04



### Coupling for 2" SS Manifold Stk# 76600

Couple 2" SS Manifolds together. Loctite 55 pipe sealing cord is recommended for thread sealing (not included).

For complete specifications, see submittal [SUB76600](#).

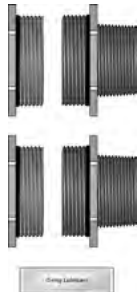
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76600</a>	Coupling for 2" SS Manifold	1		pair	\$ 167.05



### Loctite 55 Stk# 76601

Loctite 55 pipe sealing cord recommended for sealing threads on 2" SS Manifold Couplings. 5,700 inches (145m) for 60 applications (2" pipe).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76601</a>	Loctite 55	1		ea.	\$ 101.43



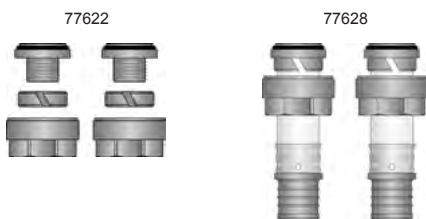
### Assembly Kits for 2" Stainless Steel Manifold Stk# 76800 Series

Assembly Kit includes:

- 2 Closed Ends for 2" SS Manifold with o-ring.
- 2 Open End Adapters (1-½" or 2" MNPT) for 2" SS Manifold with o-ring.
- 1 packet of lubricant.

For complete specifications, see submittal [SUB76800](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76840</a>	1-½" MNPT Assembly Kit for 2" SS Manifold	1		ea.	\$ 430.71
<a href="#">76850</a>	2" MNPT Assembly Kit for 2" SS Manifold	1		ea.	\$ 430.42



### PEX Connecters for 2" Stainless Steel Manifold Stk# 77600 Series

Solid brass fitting attaches to the end of the PEX tubing and allows for easy installation onto the shut-off valves of the 2" SS manifold. Comes with o-ring.

1" connectors require 1" SS Press Sleeves (#24228; [page 12](#)) and use of a 1" Press Tool (e.g. 11328).

For complete specifications, see submittal [SUB77600](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">77619</a>	5/8" PEX to 2" SS Manifold Connector	1		pair	\$ 59.62
<a href="#">77622</a>	¾" PEX to 2" SS Manifold Connector	1	10	pair	\$ 59.80
<a href="#">77628</a>	1" PEX to 2" SS Manifold Connector	1		pair	\$ 80.95

Special  
Order\*



### 1" Cap and Washer for 2" Stainless Steel Manifold Stk# 76675

Cap to seal 2" SS manifold outlet.

For complete specifications, see submittal [SUB76675](#).

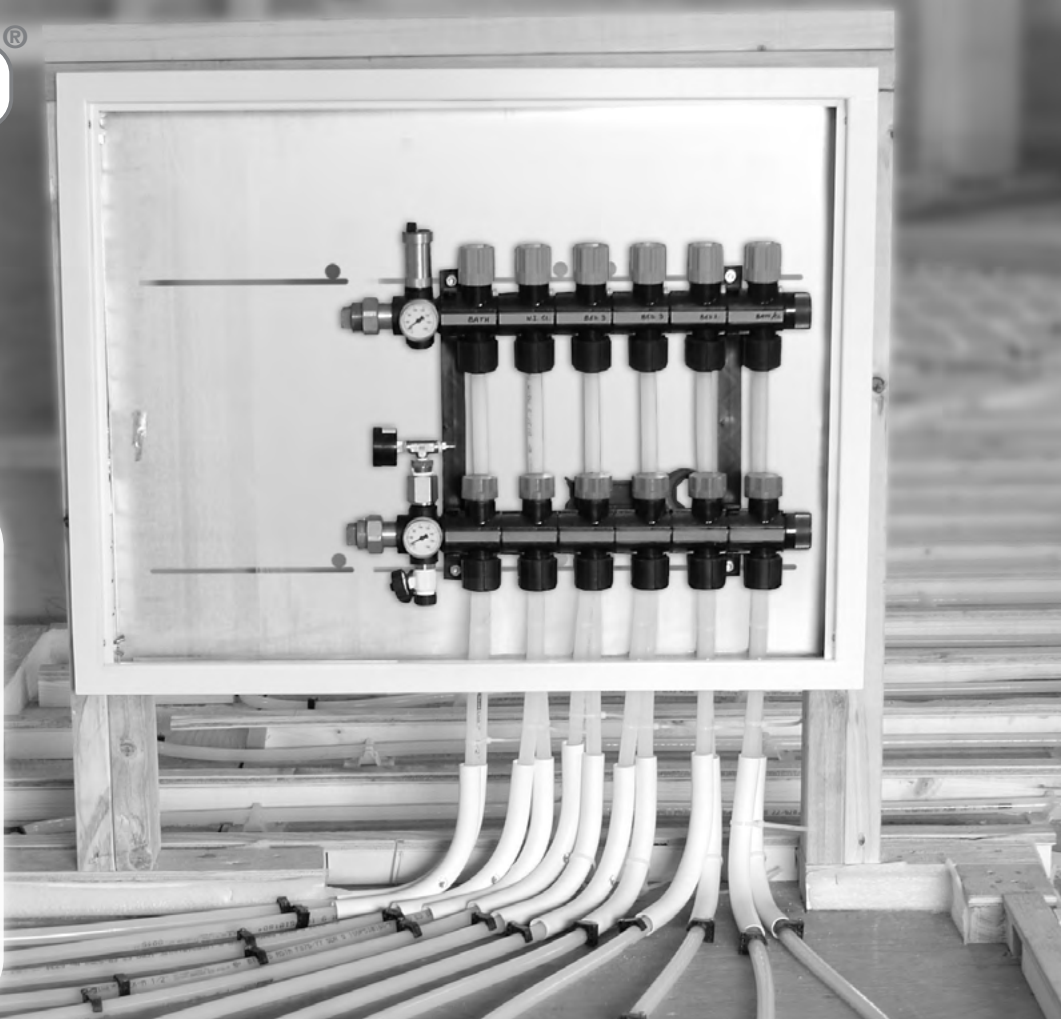
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76675</a>	1" Cap and Washer for 2" SS Manifold	1		pair	\$ 44.97



# Manifold Housings

## Features & Benefits

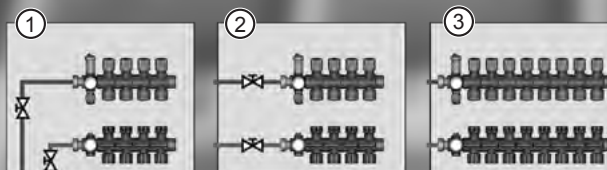
- ✓ allows easy access to manifold
- ✓ visible parts made of satin coated steel and are ready to paint without priming
- ✓ cover enables a structural flush seal
- ✓ locking, removable (lift off) door
- ✓ stylish ventilation apertures to prevent build up of heat and formation of condensation
- ✓ openings for mains piping on left & right sides (recessed only)



Stk. #	Width	Height	Depth	Max # of Loops with Manifold Assembly Kit #:		Max # of 1-¼" SS Manifold Loops		Max # of 2" SS Manifold Loops		
				79400*	79200					
Surface Mount				①		①		①		①
72434	34-½" (876 mm)	28-½" (724 mm)	5-⅞" (149 mm)	8		8		9		7
72442	42-½" (1080 mm)	28-½" (724 mm)	5-⅞" (149 mm)	12		12		12		10
72446	46-½" (1180 mm)	28-½" (724 mm)	5-⅞" (149 mm)							12
72469	69" (1753 mm)	28-½" (724 mm)	5-⅞" (149 mm)							20
72481	85" (2160 mm)	28-½" (724 mm)	5-⅞" (149 mm)							24
72493	93" (2360 mm)	28-½" (724 mm)	5-⅞" (149 mm)							28
Recessed				① ②	③	① ②	③	① ②	③	
71724	24" (610 mm)	23" (584 mm)	3-⅞" (98 mm)	4	7	4	8	3	7	n/a
71730	30-¼" (768 mm)	23" (584 mm)	3-⅞" (98 mm)	6	9	7	10	6	7	n/a
71743	43-½" (1105 mm)	23" (584 mm)	3-⅞" (98 mm)	11	12	12	12	12	12	n/a

## Installation Methods:

- ① Allowance for 90° mains piping.
- ② Allowance for straight isolation valves.
- ③ Manifolds only, no piping allowances.



\* Thermometers must be removed in recessed housing.



## Manifold Housing: Recessed 71700 Series

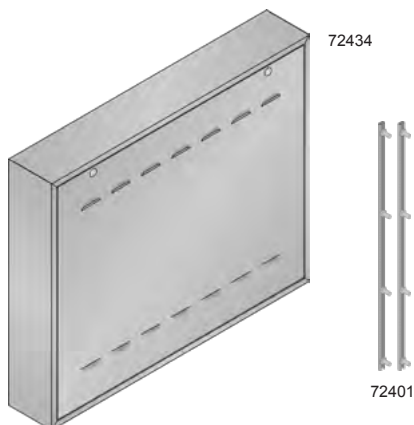
Allows easy access to the manifold through its locking, removable door.

Satin coated steel is well suited for painting. Openings for mains piping on left and right sides. Depth allows for mounting a manifold in a 2x4 wall. Space is available for mounting a StatLink® module above the manifold.

71700 series housings are not compatible with 2" Stainless Steel Manifolds (76600 series).

For complete specifications, see submittal [SUB71700](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">71724</a>	Recessed Manifold Housing 24"x23"x3-7/8"	1		ea.	\$ 547.82
<a href="#">71730</a>	Recessed Manifold Housing 30"x23"x3-7/8"	1		ea.	\$ 605.76
<a href="#">71743</a>	Recessed Manifold Housing 43-1/2"x23"x3-7/8"	1		ea.	\$ 705.31



## Manifold Housing: Surface Mount 72400 Series

Allows easy access to the manifold through its locking, removable door.

Features: made of satin coated steel, surfaces ready to paint without priming, and stylish ventilation apertures to prevent build up of heat and formation of condensation. Skirting by others.

72401 Manifold Mounting Rails adds flexible mounting for TwistSeal® and 1-1/4" Stainless Steel Manifolds.

72400 series housings are compatible with 2" Stainless Steel Manifolds (76600 series).

For complete specifications, see submittal [SUB72400](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">72434</a>	Surface Mounted Manifold Housing 34-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 827.66
<a href="#">72442</a>	Surface Mounted Manifold Housing 42-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 942.24
<a href="#">72446</a>	Surface Mounted Manifold Housing 46-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 1,068.40
<b>Special Order*</b> <a href="#">72469</a>	Surface Mounted Manifold Housing 69"x28-1/2"x5-7/8"	1		ea.	\$ 1,704.50
<b>Special Order*</b> <a href="#">72481</a>	Surface Mounted Manifold Housing 85"x28-1/2"x5-7/8"	1		ea.	\$ 1,932.25
<b>Special Order*</b> <a href="#">72493</a>	Surface Mounted Manifold Housing 93"x28-1/2"x5-7/8"	1		ea.	\$ 2,200.53
<a href="#">72401</a>	Manifold Mounting Rails for Surface Mount Manifold Housings	1		ea.	\$ 59.58



## Key Lock for Manifold Housing Door Stk# 71901

Key lock that can field replace the standard coin/screwdriver lock of manifold housings (72400 Series).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">71901</a>	Key Lock for Manifold Housing Door	1		ea.	\$ 29.97



## PEX Tubing Compression Couplings 69000 Series

Solid brass fittings couples PEX tubing to PEX tubing.

For complete specifications, see submittal [SUB69000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">69005</a>	1/2" x 1/2" PEX Comp. Coupling	1	25	ea.	\$ 43.87
<a href="#">69019</a>	5/8" x 5/8" PEX Comp. Coupling	1	25	ea.	\$ 43.87
<a href="#">69022</a>	3/4" x 3/4" PEX Comp. Coupling	1	25	ea.	\$ 62.78



## PEX Compression to MNPT Adapters 68000 Series

Solid brass fittings adapts PEX tubing to male NPT thread.

Note: When used with PEX tubing there is a risk of thermal expansion / contraction due to temperature fluctuation. It is recommended that a swing joint or expansion loop is installed at the high temp (supply) end of the tubing.

For complete specifications, see submittal [SUB68000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">68019</a>	5/8" PEX Comp. x 3/4" MNPT Adapter	1	25	ea.	\$ 26.28



## PEX Compression to Female Sweat Adapters 67100 Series

Solid brass fittings adapts PEX tubing to female copper pipe.

For complete specifications, see submittal [SUB67000S](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">67119</a>	5/8" PEX Comp. x 3/4" F/Sweat Adapter	1	25	ea.	\$ 28.42



## PEX Compression to Male Sweat Adapters 67000 Series

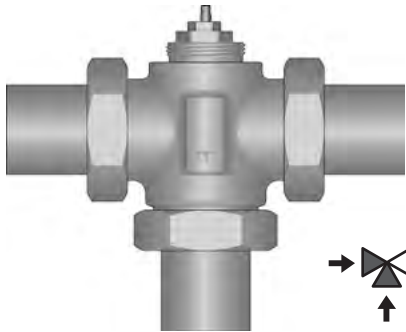
Solid brass fittings adapts PEX tubing to male copper pipe.

For complete specifications, see submittal [SUB67000S](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">67019</a>	5/8" PEX Comp. x 3/4" M/Sweat Adapter	1	25	ea.	\$ 27.77

**Note:** For 1/2", 3/4", 1", 1-1/4", and 1-1/2" PEX, "Press System" or "Expansion System" fittings can be used, see the appropriate section.





## Compact 3-Way Mixing Valves 63700 Series

Three-way mixing valve for fluid temperature control in heating and cooling systems. Bronze valve body with brass nipples, protective cap, and stainless spindle with double O-ring seal. Threads are compatible with actuators (#56201, #56231, #56121; [page 66](#)) and thermostatic heads (#57091 and #57094; [page 61](#)).

½" Cv = 2.9 (Kv = 2.5)

¾" Cv = 4.1 (Kv = 3.5)

1" Cv = 5.3 (Kv = 4.6)

1-¼" Cv = 7.4 (Kv = 6.4)

For complete specifications, see submittal [SUB63700](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">63716</a>	½" Compact 3-Way Mixing Valve	1	5	ea.	\$ 277.77
WSL	<a href="#">63732</a>	1-¼" Compact 3-Way Mixing Valve	1	5	ea.	\$ 842.46



## Compact 3-Way Mixing Valves 63700V Series

Three-way mixing valve for fluid temperature control in heating and cooling systems, and can be used in diverting or mixing applications. Bronze valve body with brass nipples, protective cap, and stainless spindle with double O-ring seal. Threads are compatible with actuators (#56201, #56231, #56121; [page 66](#)) and thermostatic heads (#57091 and #57094; [page 61](#)).

¾" Cv = 5.1 (Kv = 4.4)

1" Cv = 6.6 (Kv = 5.7)

For complete specifications, see submittal [SUB63700V](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
	<a href="#">63720V</a>	¾" Compact 3-Way Mixing Valve	1		ea.	\$ 484.38
	<a href="#">63725V</a>	1" Compact 3-Way Mixing Valve	1		ea.	\$ 614.44

### Straight Zone / Injection / Radiator Valves 62000 Series



Provides on/off or modulated flow control for baseboard, fan coils, manifolds, injection controls, or miscellaneous supplemental heating units (e.g. towel warmers). #62216 and #62220 are nickel plated.

Threads are compatible with actuators (#56201, #56231, #56121; [page 66](#)), wireless actuator (#56401; [page 70](#)), and thermostatic heads (#57091 and #57094; [page 61](#)).

#62216 – ½" Cv = 2.3 (Kv = 2.0)

#62220 – ¾" Cv = 2.9 (Kv = 2.5)

For complete specifications, see submittal [SUB62000](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
WSL	<a href="#">62216</a>	Straight Zone Valve ½" NPT, Nickel Plated	1	20	ea.	\$ 84.22
WSL	<a href="#">62220</a>	Straight Zone Valve ¾" NPT, Nickel Plated	1	20	ea.	\$ 108.28

### Straight Zone / Injection / Radiator Valves 62000V Series



Provides on/off or modulated flow control for baseboard, fan coils, manifolds, injection controls, or miscellaneous supplemental heating units (e.g. towel warmers).

Threads are compatible with actuators (#56201, #56231, #56121; [page 66](#)), wireless actuator (#56401; [page 70](#)), and thermostatic heads (#57091 and #57094; [page 61](#)).

#62016V – ½" Cv = 2.1 (Kv = 1.8)

#62020V – ¾" Cv = 3.2 (Kv = 2.8)

#62025V – 1" Cv = 4.1 (Kv = 3.5)

#62030V – 1-¼" Cv = 4.8 (Kv = 4.2)

For complete specifications, see submittal [SUB62000V](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
	<a href="#">62016V</a>	Straight Zone Valve ½" NPT	1		ea.	\$ 106.70
	<a href="#">62020V</a>	Straight Zone Valve ¾" NPT	1		ea.	\$ 137.20
	<a href="#">62025V</a>	Straight Zone Valve 1" NPT	1		ea.	\$ 171.91
	<a href="#">62030V</a>	Straight Zone Valve 1-¼" NPT	1		ea.	\$ 307.66



## Thermostatic Head Stk# 57091

Thermostatic head for HeatLink® zone valves. Maximum setting 84°F (29°C). Senses 0.4°F (0.2°C) air temperature change. Takes 24 minutes to close from full open.

For complete specifications, see submittal [SUB57091](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">57091</a>	Thermostatic Head (16°-28°C)	1		ea.	\$ 82.28



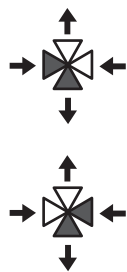
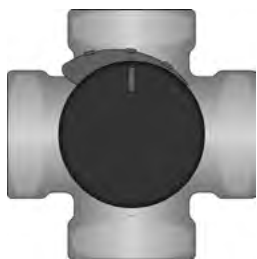
## Thermostatic Head c/w Capillary Stk# 57094

Thermostatic actuator with remote copper sensor used as a setpoint (injection) control for HeatLink® zone/injection valves. Operation is based on a sensitive element seated under the housing and connected to the remote sensor via a liquid-filled capillary. The setpoint is set by rotating the adjustment knob. The actuator adjusts the flow through the valve on which it is mounted, based on the difference between the sensor temperature and setpoint.

Temperature adjustment range: 68-158°F (20-70°C). The temperature adjustment range can be limited using stop clips.

For complete specifications, see submittal [SUB57094](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">57094</a>	Thermostatic Head c/w Capillary (68°F-158°F)	1	5	ea.	\$ 344.39



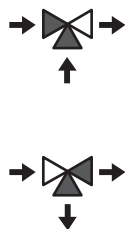
### 4-Way FNPT Mixing Valves 64000 Series

This unit mixes high temperature boiler water with heating return water to create a supply water temperature. It has the option of manual operation, or it can be fitted with a Mixing Valve Motor for 1" to 2" FNPT Valves 3-Point Floating (#58131) or Mixing Valve Motor for 1" to 2" FNPT Valves DDC (#58132) for fully automatic operation.

1" Cv = 11.7 (Kvs = 10)  
1-¼" Cv = 18.7 (Kvs = 16)  
1-½" Cv = 29.3 (Kvs = 25)  
2" Cv = 46.8 (Kvs = 40)

For complete specifications, see submittal [SUB64001](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">64026</a>	1" × 4-Way FNPT Mixing Valve	1		ea.	\$ 427.07
<a href="#">64031</a>	1-¼" × 4-Way FNPT Mixing Valve	1		ea.	\$ 458.35
<a href="#">64041</a>	1-½" × 4-Way FNPT Mixing Valve	1		ea.	\$ 725.74
<a href="#">64051</a>	2" × 4-Way FNPT Mixing Valve	1		ea.	\$ 923.18



### 3-Way FNPT Mixing / Diverting Valves 63500 Series

This unit mixes high temperature boiler water with heating return water to create a supply water temperature. It has the option of manual operation, or it can be fitted with a Mixing Valve Motor for 1" to 2" FNPT Valves 3-Point Floating (#58131) or Mixing Valve Motor for 1" to 2" FNPT Valves DDC (#58132) for fully automatic operation.

1" Cv = 11.7 (Kvs = 10)  
1-¼" Cv = 18.7 (Kvs = 16)  
1-½" Cv = 29.3 (Kvs = 25)  
2" Cv = 46.8 (Kvs = 40)

For complete specifications, see submittal [SUB63501](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">63026</a>	1" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 424.84
<a href="#">63539</a>	1-¼" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 484.11
<a href="#">63541</a>	1-½" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 712.47
<a href="#">63551</a>	2" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 857.38



### Mixing Valve Motors for 1" to 2" Rotary NPT Valves Stk# 58131 & 58132

Used to automatically operate the 4-way or 3-way mixing valve. For use with 4-way FNPT mixing valves (#64026, #64031, #64041, #64051) and 3-way FNPT mixing / diverting valves (#63026, #63539, #63541, #63551).

#58131 motor is floating 3-point action mixing valve motor.  
24 Vac 50/60 Hz 2 VA

#58132 motor is DDC mixing valve motor.  
24 Vac/dc 50/60 Hz 4 VA

For complete specifications, see submittal [SUB58131](#) or [SUB58132](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">58131</a>	Mixing Valve Motor for 1" to 2" FNPT Valves 3-Point Floating	1		ea.	\$ 785.66
<a href="#">58132</a>	Mixing Valve Motor for 1" to 2" FNPT Valves DDC	1		ea.	\$ 1,040.53



## 4-Way Flange Mixing Valves 64100 Series

This unit mixes high temperature boiler water with heating return water to create a supply water temperature. It has the option of manual operation, or it can be fitted with a Mixing Valve Motor for 2" to 4" Flange Valves 3-Point Floating (#58200) or Mixing Valve Motor for 2" to 4" Flange Valves DDC (#58300) for fully automatic operation. Flanges are DIN compatible.

2" Cv = 69.4 (Kvs = 60)  
 2-½" Cv = 104.0 (Kvs = 90)  
 3" Cv = 173.4 (Kvs = 150)  
 4" Cv = 260.1 (Kvs = 225)

For complete specifications, see submittal [SUB64101](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">64164</a>	2" × 4-Way Flange Mixing Valve	1		ea.	\$ 1,574.94
<a href="#">64166</a>	2-½" × 4-Way Flange Mixing Valve	1		ea.	\$ 1,932.09
<a href="#">64181</a>	3" × 4-Way Flange Mixing Valve	1		ea.	\$ 2,694.83
<a href="#">65000</a>	4" × 4-Way Flange Mixing Valve	1		ea.	\$ 3,693.91



## DIN Flanges and Gaskets for 4-Way Flange Mixing Valves 64100F & 64100G Series

Four flanges and four gaskets are required for each 4-way flange mixing valve.

For complete specifications, see submittal [SUB64100F](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">64164F</a>	2" DIN Flange	1		ea.	\$ 83.02
<a href="#">64166F</a>	2-½" DIN Flange	1		ea.	\$ 101.63
<a href="#">64181F</a>	3" DIN Flange	1		ea.	\$ 164.49
<a href="#">65000F</a>	4" DIN Flange	1		ea.	\$ 191.52
<a href="#">64164G</a>	2" Gasket for DIN Flange	1		ea.	\$ 26.07
<a href="#">64166G</a>	2-½" Gasket for DIN Flange	1		ea.	\$ 45.35
<a href="#">64181G</a>	3" Gasket for DIN Flange	1		ea.	\$ 55.21
<a href="#">65000G</a>	4" Gasket for DIN Flange	1		ea.	\$ 71.65


**Mixing Valve Motors for 2" to 4" Flange Mixing Valves**  
**Stk# 58200 & 58300**

Used to automatically operate the 4-way flange mixing valve. For use with flanged 2" to 4" mixing valves (#64164, #64166, #64181, #65000).

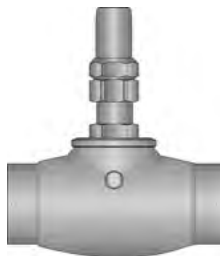
#58200 motor is floating 3-point action mixing valve motor.  
 24 Vac 50/60 Hz 2 VA

#58300 motor is DDC mixing valve motor.  
 24 Vac/dc 50/60 Hz 5 VA

For complete specifications, see submittal [SUB58200](#) or [SUB58300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">58200</a>	Mixing Valve Motor for 2" to 4" Flange Mixing Valves 3-Point Floating	1		ea.	\$ 1,226.51
<a href="#">58300</a>	Mixing Valve Motor for 2" to 4" Flange Mixing Valves DDC	1		ea.	\$ 2,184.99





### Straight Balancing Valve 1" Female Sweat Stk# 62325

Flow balancing valve for use in injection systems and with the side stream filter.

For complete specifications, see submittal [SUB62325](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">62325</a>	Straight Balancing Valve 1" F/Sweat	1	24	ea.	\$ 167.58



### Pressure Activated Bypass Valves 60000V Series

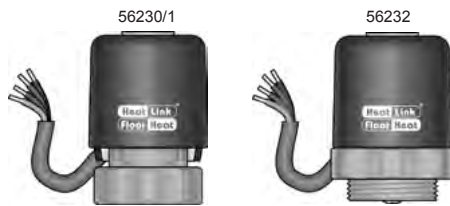
This valve prevents a steep rise of the pump head and maintains flow at a stable rate. Also ensures only required amount of circulating water is used for hydronic systems. The valves can be adjusted to any point between 2 and 17 ft H<sub>2</sub>O (50 and 500 mbar).

Flow ranges:

- ¾" = 0 - 8.7 US gpm (0 - 1976 L/h)
- 1" = 0 - 13.5 US gpm (0 - 3066 L/h)
- 1-¼" = 13.5 - 26.9 US gpm (3066 - 6110 L/h)

For complete specifications, see submittal [SUB60000V](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">60020V</a>	Pressure Activated Bypass Valve ¾"	1		ea.	\$ 234.19
<a href="#">60025V</a>	Pressure Activated Bypass Valve 1"	1		ea.	\$ 301.41
<a href="#">60040V</a>	Pressure Activated Bypass Valve 1-¼"	1		ea.	\$ 398.70



## Actuators c/w End Switch 56230 Series

These motors allow for additional room temperature control in conjunction with a room thermostat by mounting on a TwistSeal® supply manifold module (56230), Stainless Steel Manifold (56231), HeatLink® 62000V & 63700V series zone valves (56231), or TwistSeal® Multiport Manifold (56232). Comes complete with end switch to allow pump and/or boiler switching.

For complete specifications, see submittal [SUB56230](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">56230</a>	HeatLink® TwistSeal® Manifold Actuator c/w End Switch	1	100	ea.	\$ 174.22
<a href="#">56231</a>	HeatLink® Valve & SS Manifold Actuator c/w End Switch	1	100	ea.	\$ 142.33
<a href="#">56232</a>	HeatLink® Multiport Manifold Actuator c/w End Switch	1	100	ea.	\$ 177.35



## Actuators 56200 Series

These actuators allow for additional room temperature control in conjunction with a room thermostat by mounting on a TwistSeal® supply manifold module (56200), Stainless Steel Manifold (56201), HeatLink® 62000V & 63700V series zone valves (56201), or TwistSeal® Multiport Manifold (56202). Includes a heat demand LED indicator.

For complete specifications, see submittal [SUB56200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">56200</a>	HeatLink® TwistSeal® Manifold Actuator with LED	1	100	ea.	\$ 114.80
<a href="#">56201</a>	HeatLink® Valve & SS Manifold Actuator with LED	1	100	ea.	\$ 99.62
<a href="#">56202</a>	HeatLink® Multiport Manifold Actuator with LED	1	100	ea.	\$ 110.12

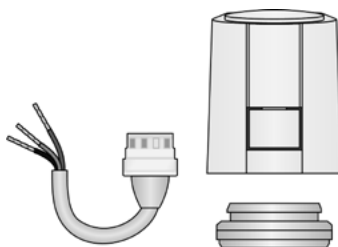
## How to tell the 562x0 and 562x1 actuators apart

Actuator	LED	End Switch	Female Thread	Center Pin	Mounts on
56200	Yes	No	Fine	Yes	TwistSeal® 78200 & 78400
56201	Yes	No	Coarse	No	Valves & SS manifolds
56230	No	Yes	Fine	Yes	TwistSeal® 78200 & 78400
56231	No	Yes	Coarse	No	Valves & SS manifolds



56200 / 56230

56201 / 56231



## DDC Actuator Stk# 56121

These actuators allow for additional room temperature control when used in conjunction with a direct digital control system by mounting on a Stainless Steel Manifold, or HeatLink® 62000V & 63700V series zone valves.

For complete specifications, see submittal [SUB56121](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">56121</a>	HeatLink® DDC Actuator for Manifolds and Valves	1	100	ea.	\$ 262.50

# HeatLink® SMART SYSTEM

Products in the HeatLink® Smart System line include thermostats, modules, actuators and relays to wirelessly control a heating system. The addition of smart plugs and sensors expand the system into day to day life. It all begins with the heart of the system, the Wireless Internet Gateway. The Gateway coordinates the ZigBee HA wireless protocol that the Smart System devices use to interact, and connects to the building's Internet router to create a secure path to the HeatLink® Smart System app. Then the user can quickly add and operate any of the products from the HeatLink® Smart System line.

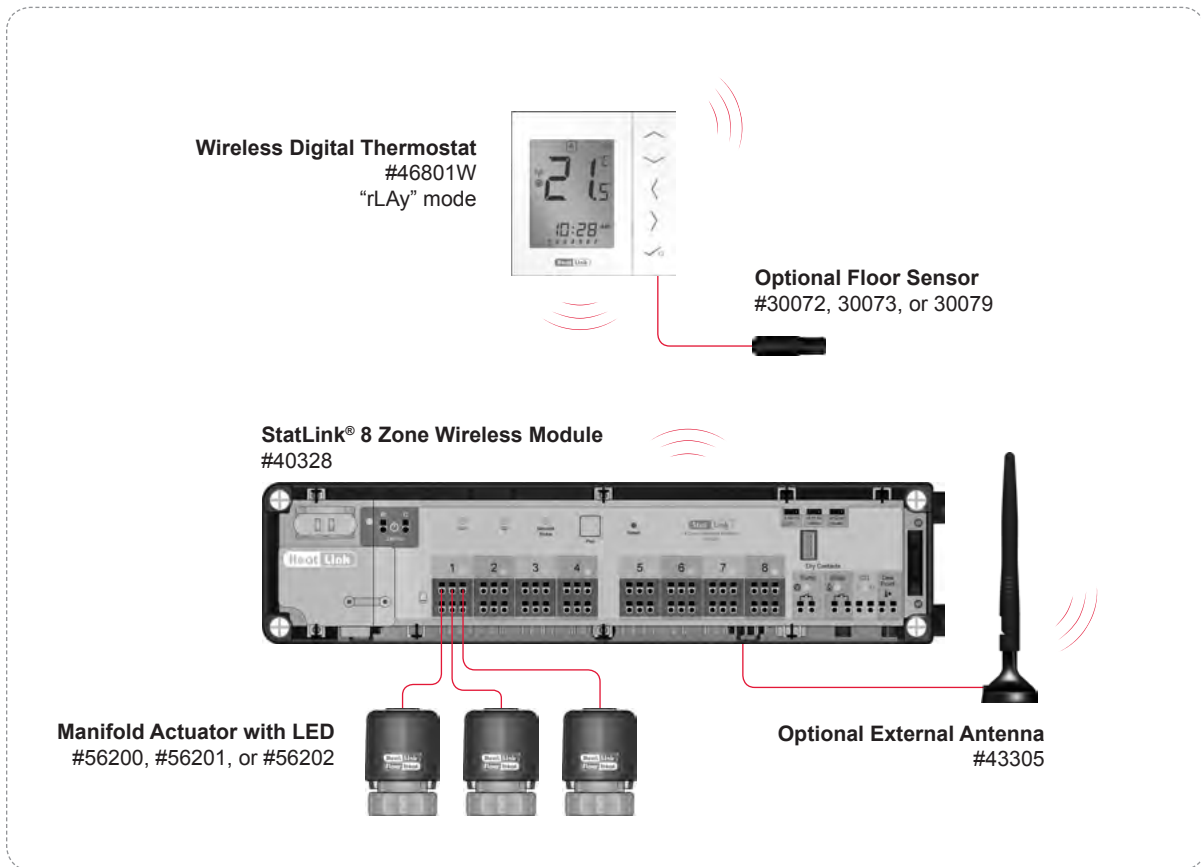
## Features & Benefits:

- Wireless communication. Save the time and cost of running wires.
- Control your system from anywhere. User friendly Web, Android and iOS apps available.
- The app includes customizable schedules and rules.
- System devices can be added, deleted, or configured quickly and easily using the app.
- Compatibility with other third party devices and Amazon Alexa.
- The system can be setup without internet access (offline). When internet access is available the system can then be app enabled (online).



HeatLink® Smart System app

## Radiant floor heating with manifold

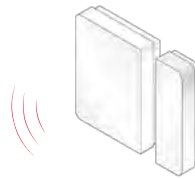
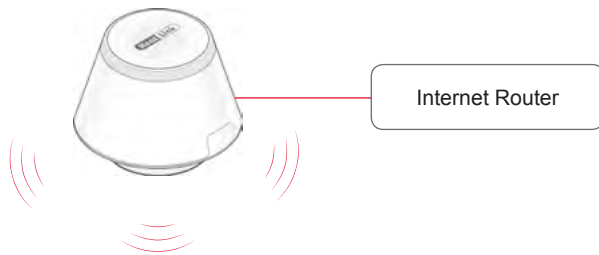


## Product Compatibility

Item	Stk#	Co-ordinator #43306	Gateway - Offline #43301	Gateway - Online #43301
HeatLink® Smart System App				•
HeatLink® Wireless Digital Thermostat	46801W	•	•	•
StatLink® 8 Zone Wireless Module	40328	•	•	•
Wireless Valve Actuator	56401	•	•	•
Wireless Relay	43302	•	•	•
Wireless Smart Plug / Repeater	43304			•
Door/Window Sensor	43303			•
Repeater	43307	•	•	•
Water Leak Sensor	43310			•
Inline Shutoff Valve	43311			•

**Wireless Internet Gateway  
#43301**

The heart of a HeatLink Smart System.

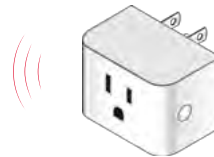


**Door/Window Sensor  
#43303**

Detects when doors and windows have been opened or closed.

Trigger other devices to react using smart rules or have notifications sent to you.

E.g. turn a lamp on when a door opens, or turn down a thermostat if a window is left open.



**Wireless Smart Plug / Repeater  
#43304**

Create schedules or rules to automatically turn devices on or off.

Monitor energy consumption.

E.g. towel warmer, hair iron, lamp, space heater, air conditioner, or slow cooker.

**Radiant floor heating with zone valve or  
baseboard / radiator heating**



**Wireless Digital Thermostat  
#46801W  
"rAd" mode**



**Wireless Valve Actuator  
#56401  
up to 6 per thermostat**

**Heating for an individual zone**



**Wireless Digital Thermostat  
#46801W  
"rEC2" mode**



**Wireless Relay  
#43302  
"RX2" mode**

Motorized Valve,  
Thermal Actuator, Fan  
Coil, or Pump



**Wireless Relay  
#43302  
"RX1" mode**

Heat Source

Pump



### Wireless Internet Gateway Stk# 43301

The Wireless Internet Gateway is the heart of a HeatLink Smart System.

The Gateway coordinates the ZigBee HA wireless protocol that the Smart System devices use to interact, and connects to the building's Internet router to create a secure path to the HeatLink app.

Unlike some connected home systems, the Gateway is the only device that needs to be connected to the Internet, so it is quick to setup and simple to manage and grow the Smart System with more devices as required.

You can connect up to 200 devices to one gateway.

Includes USB power adapter, USB power cable, and ethernet cable.

120 Vac 60 Hz NEMA 1 (Type A) plug.

For complete specifications, see submittal [SUB43301](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43301</a>	Wireless Internet Gateway	1	16	ea.	\$ 381.92



### HeatLink® Wireless Digital Thermostat Stk# 46801W

The HeatLink Wireless Digital Thermostat delivers an easy to install solution for heating control when connected to a StatLink® wireless module, wireless valve actuator, or wireless relay. Place anywhere capability, not just where the wires can reach.

Features:

- Clear and intuitive LCD display.
- Stylish contemporary design.
- Full local control.
- Wireless installation using ZigBee protocol.
- Pulse width modulation.
- Fully programmable with both temperature and scheduling control.
- Pre-programmed pre-set modes including vacation, party, frost, and manual override.
- Battery operated for quick and trouble-free wireless installation.
- Valve protection function exercises the valve(s) one a week.
- Optional 10K external sensor.

Includes 4× AAA alkaline batteries and mounting screws.

For complete specifications, see submittal [SUB46801](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">46801W</a>	HeatLink® Wireless Digital Thermostat	1	40	ea.	\$ 170.45

## StatLink® 8 Zone Wireless Module Stk# 40328

The StatLink Wireless Module for eight-zone radiant floor heating with wireless communication. Zones are controlled by Wireless Digital Thermostats.



### Features:

- Can be used with NO or NC thermal actuators.
- Terminals for three actuators per zone.
- Pump dry contact 3 min on/off delay.
- Boiler dry contact 3 min on delay and 0 or 15 min off delay.
- Contacts for heating/cooling changeover, and humidity sensor.
- Plug-in connections.
- LED status indication.
- Strain relief fittings.
- USB plug to provide power to a Co-ordinator
- Optional external antenna.

Includes 13 ¾" (35 cm) DIN rail and mounting screws.

24 Vac 60 Hz

For complete specifications, see submittal [SUB40328](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">40328</a>	StatLink® 8 Zone Wireless Module	1	16	ea.	\$ 433.20

## Wireless Valve Actuator Stk# 56401

The Wireless Valve Actuator replaces the traditional wax element TRV actuator with a smart electrical device to open and close a zone or radiator valve.

A Wireless Digital Thermostat controls the operation and is remote from the radiator so it monitors the actual ambient room temperature to ensure optimum heating accuracy.

A single thermostat can control up to six actuators in the same zone to maintain the desired room temperature and increase energy efficiency.

### Features & benefits:

- Temperature is monitored by the room thermostat, not the valve, for optimum accuracy, efficiency and comfort.
- Modulates independently to find correct temperature and maintain efficiency using one of three control modes: On/Off, Auto, or Learning.
- Fits most standard zone or radiator valves with supplied adapter.
- Fail safe mode (uses its internal sensor and fixed setpoint of 15°C to control the temperature when signal is lost, or opens 25% when battery is low).
- Frost protection (if the valve has been manually closed, the thermostat will automatically maintain the frost protection setpoint)
- Valve protection (will exercise a few seconds after 14 days of inactivity).
- Manual override function.

Includes 2× AA alkaline batteries and RA valve adapter.

Compatible with 620xxV and 622xx series zone/radiator valves.

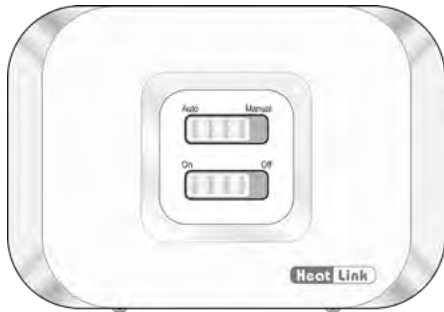
Not compatible with TwistSeal or stainless steel manifolds.

For complete specifications, see submittal [SUB56401](#).



Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">56401</a>	Wireless Valve Actuator	1	40	ea.	\$ 171.15





## Wireless Relay Stk# 43302

The Wireless Relay receives wireless signals to switch on or off a 24 Vac contact. It has an internal switch to select one of two modes:

**RX1 mode** - The unit is wired to a boiler or heat source to switch it on or off using the signals it receives from Wireless Modules, Wireless Digital Thermostats used with Wireless Valve Actuators, as well as a Wireless Relay in RX2 mode.

**RX2 mode** - Switching of the unit will be controlled by a paired Wireless Digital Thermostat to activate a pump or zone valve.

Only one unit in RX1 mode and one unit in RX2 mode can be used as part of a system.

Features & benefits:

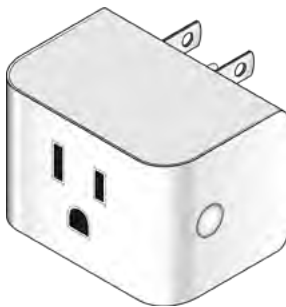
- Manual override function.
- NO contact output, max 24 Vac, 16(5)A

24 Vac 60 Hz.

Includes mounting screws.

For complete specifications, see submittal [SUB43302](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43302</a>	Wireless Relay	1	20	ea.	\$ 156.51



## Wireless Smart Plug / Repeater Stk# 43304

The Wireless Smart Plug / Repeater is small, yet powerful enough to provide simple on/off power control of devices using up to 15 A.

Its small size not only keeps the other outlet of a standard duplex receptacle clear, it also allows the use of a second Smart Plug.

Works with the Smart System App to allow smartphones, tablets, or PCs to turn on and off devices from anywhere. Create schedules or OneTouch™ rules to automatically turn devices on or off.

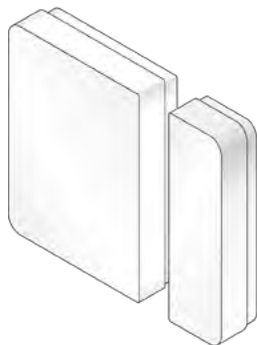
Features:

- Energy consumption measurement.
- Up to 15 Amp resistive load switching.
- Protocol repeater to extend the wireless network.

For complete specifications, see submittal [SUB43304](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43304</a>	Wireless Smart Plug / Repeater	1	48	ea.	\$ 108.35

## Door/Window Sensor Stk# 43303



The Door / Window Sensor is a simple device that connects wirelessly with the Gateway as part of the Smart System.

The sensor sits across both sides of the opening of a door or window and when the contact is closed or opened, a signal is sent wirelessly to the Gateway. User programmed rules easily created in the Smart System app then define what should be done in response and the Gateway wirelessly controls the appropriate device.

By detecting when doors and windows have been opened or closed, smart rules can be triggered to control other devices to save energy, improve efficiency, or convenience.

### Features & benefits:

- Monitor door/window access from anywhere using a Smartphone, Tablet, or PC via the app.
- Optimize heating/cooling efficiency by controlling your thermostats to react when doors or windows are opened.
- Program your system to remind you if doors or windows are left open when you leave the home.
- Anti-tamper switch will notify you of tampering.

Includes 1× CR3032 3V Lithium battery and mounting kit.

For complete specifications, see submittal [SUB43303](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43303</a>	Door/Window Sensor	1	60	ea.	\$ 101.89



## External Antenna Stk# 43305

The External Antenna improves the performance of the StatLink® 8 Zone Wireless Module to either overcome radio shadows or extend the range.

### Features & benefits:

- Minimize cost of additional repeaters and shorten installation time
- Quick and easy to install
- Magnetic mount.

Cable length: 39" (1 m)

For complete specifications, see submittal [SUB43305](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43305</a>	External Antenna	1	100	ea.	\$ 64.99



## Water Leak Sensor Stk# 43310

The Water Leak Sensor detects the presence of water on a surface or across remote leads. This sensor may be used on horizontal surfaces with low overhead clearance, narrow vertical spaces with the wall mounting bracket (shown), or in difficult locations using the remote leads (not shown). The Water Leak Sensor connects wirelessly with a Gateway.

Features and benefits:

- When used in conjunction with a Inline Shutoff Valve, costly water damage can be avoided by shutting off the water supply.
- Automated leak detection.
- Monitoring from anywhere using a Smartphone, Tablet, or PC via the app.
- Easy to install.
- Waterproof.
- Battery Operated.

Includes 1× CR2 3V Lithium battery, wall mounting bracket, mounting kit, and 78" (2 m) remote leads.

For complete specifications, see submittal [SUB43310](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43310</a>	Water Leak Sensor	1		ea.	\$ 118.14



## Inline Shutoff Valve Stk# 43311

The Inline Shutoff Valve controls water supply as part of a HeatLink Smart System. This inline valve can communicate with one or more Water Leak Sensors to automatically shut off the water supply in the event of a water leak. The Inline Shutoff Valve connects wirelessly with a Gateway.

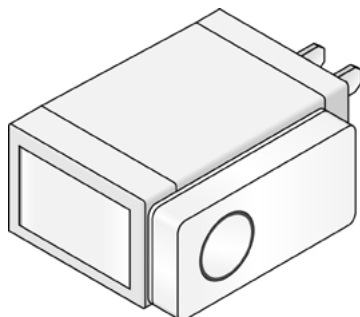
Features and benefits:

- When used in conjunction with one or more Water Leak Sensors, costly water damage can be avoided by shutting off the water supply.
- Automated water flow control.
- Monitoring from anywhere using a Smartphone, Tablet, or PC via the app.
- No Lead Brass valve.
- ¾" NPT female pipe connections.
- LED status indicator.
- 120 Vac – 60 Hz.
- Local manual override.

Includes AC adapter and cable clips.

For complete specifications, see submittal [SUB43311](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43311</a>	Inline Shutoff Valve	1		ea.	\$ 400.30



## Co-ordinator Stk# 43306

The Co-ordinator is a simple USB powered device that coordinates Smart System devices across the Zigbee network.

It's a cost effective alternative to a Wireless Internet Gateway for systems *where remote monitoring and control are not required.*

The Co-ordinator can handle up to 30 Wireless Thermostats to coordinate up to 90 Wireless Valve Actuators or up to nine (9) StatLink® 8 Zone Wireless Modules.

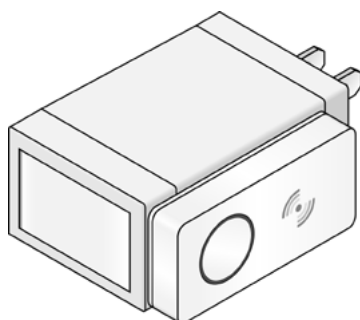
When more than 32 battery powered devices are used, #43307 Repeaters may be required depending on which Smart System AC powered devices are on the network (#40328 or #43302). Each AC powered device increases the system capacity for battery operated devices by 32.

Includes USB AC adapter.

Note: Not compatible with the HeatLink Smart System app.

For complete specifications, see submittal [SUB43306](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43306</a>	Co-ordinator	1	60	ea.	\$ 148.82



## Repeater Stk# 43307

The Repeater can be used to boost the signal or extend the network when required, for example, areas with numerous concrete obstructions or for extended distances between devices.

When more than 32 battery powered devices are used, additional Repeaters may be required depending on which Smart System AC powered devices are on the network.

Features & Benefits

- Extends the range of network in areas with obstructions or between extended distances.
- Increases the capacity of battery powered devices on the ZigBee network by 32.

Includes USB AC adapter.

For complete specifications, see submittal [SUB43307](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">43307</a>	Repeater	1	60	ea.	\$ 116.86



## Plug-in Transformers PLINTR Series

24 Vac plug-in transformers for use with panels or low voltage electronics.

For complete specifications, see submittal [SUBPLINTR](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">PLINTR40VA</a>	24Vac 40VA Plug-In Transformer for Panels	1		ea.	\$ 182.47

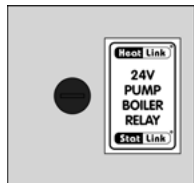


### HeatLink® Wired Digital Timer Thermostat Stk# 46645

This HeatLink Wired Digital Timer Thermostat is a stylish and accurate 24V digital display room thermostat. This attractive, modern thermostat has been specifically designed to be used for radiant floor heating applications. With silent switching, Triac technology, pulse width modulation (PWM), a large, easy to read digital display, and fully programmable for time and heat schedules. Optional 10K external sensor.

For complete specifications, see submittal [SUB46645](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">46645</a>	HeatLink® Wired Digital Timer Thermostat	1	40	ea.	\$ 146.16



### 24Vac DPDT Pump Relay Box Stk# 45112

Electrical enclosure complete with #45012 relay, #45032 socket, and DIN rail.

Contacts:

- 10A resistive, 7.5A inductive @ 110 Vac, ¼ hp.
- 7.5A resistive, 5.0A inductive @ 220 Vac, ½ hp.

For complete specifications, see submittal [SUB45112](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">45112</a>	HeatLink® 24Vac DPDT Pump Relay Box	1		ea.	\$ 260.95

### Pump Wiring Center 41310 Series



The Pump Wiring Centers allow wired thermostats to control pumps and boilers for hydronic systems while supporting the following functions and features:

- Primary pump control.
- Priority zone support (domestic hot water).
- Purge – Priority pump continues to run for 2 minutes after end of priority call.
- Exercise – pumps turn ON for 30 sec. after 72 hours of inactivity.
- Thermostat grouping.
- ZC/ZR boiler enable support.
- XX and AUX normally open contacts support.
- Master / Slave function for up to 5 units (1 master / 4 slaves).
- LED indicators for zones and Priority status.

For complete specifications, see submittal [SUB41310](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">41316</a>	6 Zone Pump Wiring Center	1	4	ea.	\$ 442.97

## StatLink® 8 Zone Wired Module Stk# 40318

The StatLink® 8 Zone Wired Module is complete with all the main electrical connections for a hydronic floor heating system. This module can be mounted either on a DIN rail or directly to a wall. It connects room thermostats to their corresponding actuators.

### Features:

- Can be used with NO or NC thermal actuators.
- Terminals for four actuators per zone.
- Pump dry contact 3 min on/off delay.
- Boiler dry contact 3 min on delay and 0 or 15 min off delay.
- Plug-in connections.
- LED status indication.
- Strain relief fittings.

The 8 zone wired module has a current rating of 2A; a 60VA transformer allows for 20 actuators per module to be connected with up to 4 actuators per zone.

Includes 13 ¾" (35 cm) DIN rail and mounting screws.

For complete specifications, see submittal [SUB40318](#).



Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">40318</a>	StatLink® 8 Zone Wired Module	1	16	ea.	\$ 253.65

## Installation Track for StatLink® Modules Stk# 44325

Allows for easy and fast installation of all control modules.

Length = 25"

For complete specifications, see submittal [SUB44325](#).



Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">44325</a>	StatLink® Installation Track, 25"	1		ea.	\$ 32.88





## HeatLink® Compact Mixing Reset Control Stk# 31355

The 31355 Compact Mixing Reset Control regulates the supply water temperature of an automated mixing valve in order to provide outdoor reset or setpoint operation. The 31355 provides a floating action (3-way or 4-way mixing) or a 0/2–10 Vdc (2-way injection) signal to adjust the mixing valve position. The 31355 also includes two separate night setback channels.

Outdoor sensor and 1 universal sensor are included.

24Vac 50/60 Hz 50 VA (max)

For complete specifications, see submittal [SUB31355](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">31355</a>	HeatLink® Compact Mixing Reset Control	1		ea.	\$ 925.54



## Snow Melt Control 680-BMS BACnet Stk# 31680

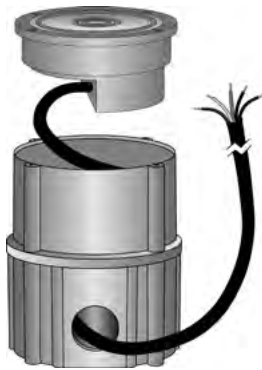
The 31680 Snow Melt Control is designed to control a single zone snow melting system. Up to two Snow/Ice Sensors (#30090) can be connected, allowing for a larger detection area and redundancy. The control automatically adjusts the mixed supply water to the snow melting system by controlling a variable speed injection pump or mixing valve. The 31680 control includes a large Liquid Crystal Display (LCD) in order to view system status and operating information.

Outdoor sensor and 3 universal sensors are included.

115 Vac 60 Hz 320 VA (max)

For complete specifications, see submittal [SUB31680](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">31680</a>	Snow Melt Control 680-BMS BACnet (30090,30091,Snow/Ice Sensor sold sep)	1		ea.	\$ 7,316.05



## Snow/Ice Detector (Sensor) Stk# 30090, 30091

This snow/ice sensor in conjunction with the 31680, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature. This control is not designed as a simple detection device and will not operate properly in an unheated slab.

For complete specifications, see submittal [SUB30090](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">30090</a>	Snow/Ice Sensor (10K) 65 ft cable	1		ea.	\$ 2,018.03
<a href="#">30091</a>	Snow/Ice Sensor Socket	1		ea.	\$ 458.63



## Universal Sensor Stk# 30071

Standard sensor for use as optional sensor in 30000 series controls.

For complete specifications, see submittal [SUB30072](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">30071</a>	Universal Sensor (10K)	1		ea.	\$ 73.29



## Slab Sensor - PVC Sleeve Stk# 30072, 30073

Sensors for use in measuring slab or ground temperatures. The 30072 and 30073 standard sensors with PVC sleeve are designed for use in soil or concrete. For use with 30000 series controls and 46000 series thermostats.

For complete specifications, see submittal [SUB30072](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">30072</a>	Slab Sensor (10K) PVC Sleeve 20ft Cable	1		ea.	\$ 246.94
<a href="#">30073</a>	Slab Sensor (10K) PVC Sleeve 40ft Cable	1		ea.	\$ 419.50



## Slab Sensor - Stainless Steel Sleeve Stk# 30079

Sensors for use in measuring slab or ground temperatures. The 30079 sensor with stainless steel sleeve is designed for use in concrete, thin-set and grout. For use with 30000 series controls and 46000 series thermostats.

For complete specifications, see submittal [SUB30072](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">30079</a>	Slab Sensor (10K) SS Sleeve 10ft Cable	1		ea.	\$ 88.66



## HeatLink® Snow Melt Control Package - DDC Stk# SMCP

The ETO2SMCNTR Snow Melt Control is designed to control a one or two zone snow melting system. The snow melting system may be started manually or automatically through the use of a Driveway Sensor (#DRVWSNS-SS). The control automatically adjusts the mixed supply water to the snow melting system by controlling a DDC Mixing Valve Motor (#58132 or #58300; sold separately). The control includes a Liquid Crystal Display (LCD) in order to view system status and operating information.

Includes two 12K NTC sensors (ETF1899ASNS).  
Driveway Sensor sold separately.

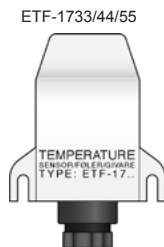
120 Vac 50/60 Hz  
24 Vac 50/60 Hz (for mixing valve)

For complete specifications, see submittal [SUBSMCP](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">SMCP</a>	Snowmelt Control c/w ETO2 DDC and 2 Strap On Sensors	1		ea.	\$ 2,297.68



ETF-144/99A



ETF-1733/44/55

## Sensor NTC 12K ETF Series

Optional NTC 12K sensors for use with the ETO2SMCNTR snow melt control, SMCP, or standard Snow Melt Panels.

For complete specifications, see submittal [SUBETF14499A](#) or [SUBETF17334455](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">ETF-144/99A</a>	Slab Sensor (12k) PVC Sleeve 8ft Cable for ETO2SMCNTR SnowmeltController	1		ea.	\$ 175.19
<a href="#">ETF-1733/44/55</a>	Optional Outdoor Sensor for SMCP & SMP Panels	1		ea.	\$ 361.94



## Snow/Ice Detector (Sensor) Stk# DRVWSNS-SS

This snow/ice sensor in conjunction with the ETO2SMCNTR snow melt control, SMCP, or standard Snow Melt Panels, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature.

For complete specifications, see submittal [SUBDRVWSNSSS](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">DRVWSNS-SS</a>	Driveway Sensor for SMP Panels	1		ea.	\$ 1,972.28



## Track Staples Stk# 89010

Staples are used to fasten tubing tracking to polystyrene insulation. The hooks on the ends ensure the staple will not loosen prior to topping pour.

For complete specifications, see submittal [SUB89000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89010</a>	500 Track Staples	1	20	bag	\$ 187.25

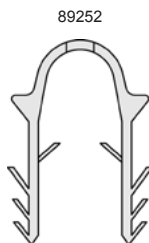
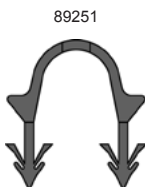


## Staples for Stand-up Stapler (old style) 89240 Series

Staples for fastening up to ½" (or 18mm O.D.) PEX tubing to polystyrene insulation. For use with Stand-up Stapler #10220 (discontinued).

For complete specifications, see submittal [SUB89240](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89244</a>	300× 2-¾" (60mm) Staples for Stand-up Stapler	1	20	box	\$ 70.18



## Staples for Deluxe Staple Gun 89250 Series

Staples for fastening up to ⅝" (or 20mm O.D.) PEX tubing to polystyrene insulation. For use with HeatLink® Deluxe Staple Gun #10230 ([page 131](#)).

For complete specifications, see submittal [SUB89250](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89251</a>	300× 1-½" Staples for HeatLink® Deluxe Staple Gun	1	20	box	\$ 75.54
<a href="#">89252</a>	300× 2" Staples for HeatLink® Deluxe Staple Gun	1	10	box	\$ 93.28



## HeatLink® Tie Straps 89100 Series

Used to fasten piping to wire mesh or rebar. 5-½" (140 mm) tie wraps (89105) are used for smaller diameter tubing. 7-½" (190 mm) tie wraps (89107) can be used for sizes up to 1".

For complete specifications, see submittal [SUB89100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89105</a>	1000 Tie Straps - 5.5"	1	10	bag	\$ 94.29
<a href="#">89107</a>	1000 Tie Straps - 7.5"	1	10	bag	\$ 99.30



# DryAbove™ System

- Dry system that eliminates the “pain in the neck” of overhead work
- No structural changes required
- Ideal for retrofits or remodeling
- Inexpensive components keep material costs low

## DryAbove™ components:

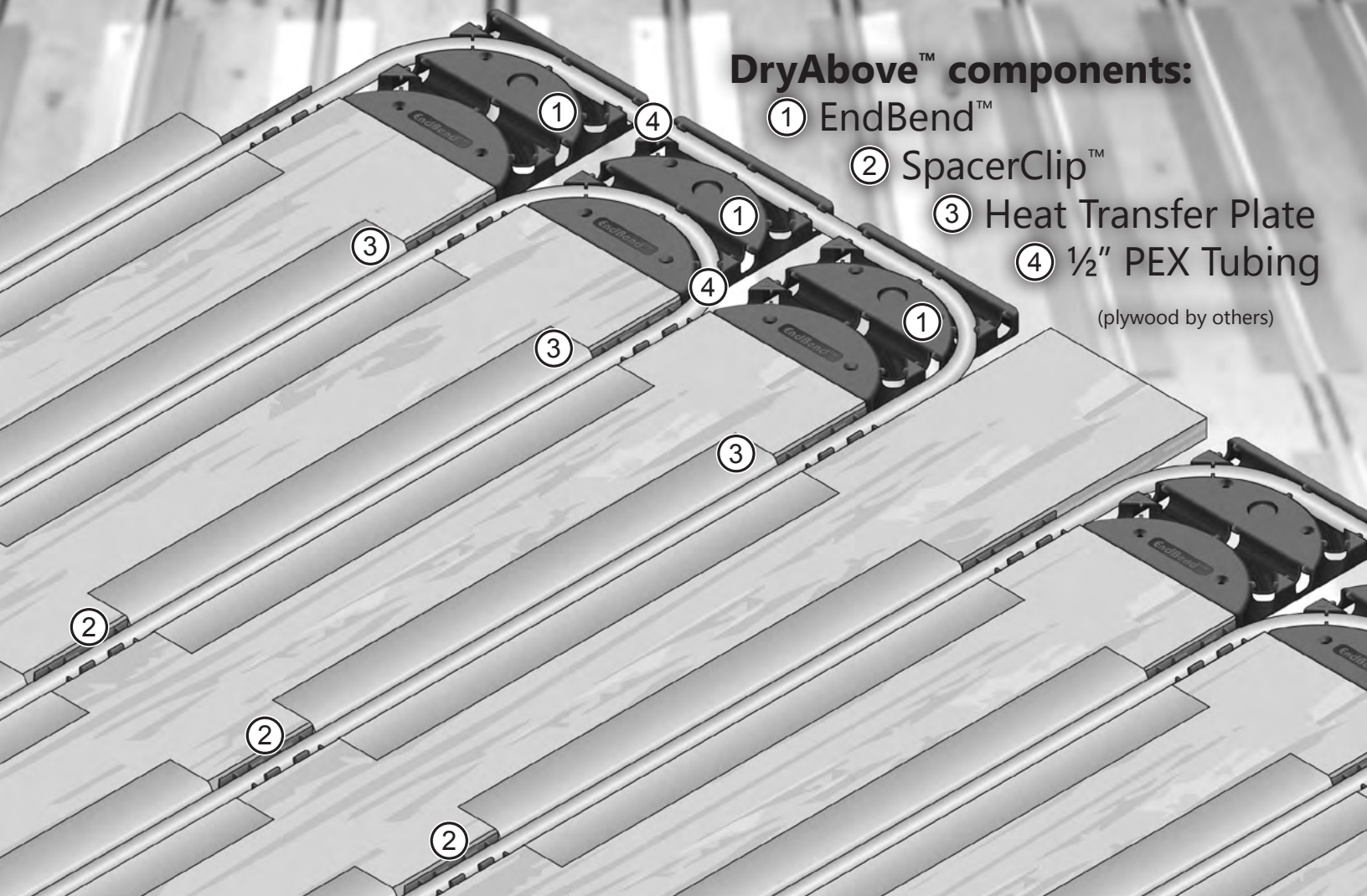
① EndBend™

② SpacerClip™

③ Heat Transfer Plate

④ ½" PEX Tubing

(plywood by others)







### Aluminum Heat Transfer Plate

**Stk# 87024**

This plating is used to provide a direct transfer and heat distribution from the PEX piping to a wooden subfloor. They can be stapled to the underside of the subfloor in a DryBelow™ system or used above the subfloor in a DryAbove™ system.

End to end gaps between plates should be from 3" to 6" (75 to 150mm).

Plates measure 24" x 4-1/4" (610 mm x 108 mm).

For complete specifications, see submittal [SUB87000](#).

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">87024</a>	24" Aluminum Heat Transfer Plate for DryAbove™/ DryBelow™ Systems	250	6000	ea.	\$ 5.61



### EndBend™ for DryAbove™ System

**Stk# 87205**

The EndBend™ allows for transition on the loop ends as well as supports for supply & return piping.

For complete specifications, see submittal [SUB87200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">87205</a>	EndBend™ for DryAbove™ System	25	50	ea.	\$ 7.71



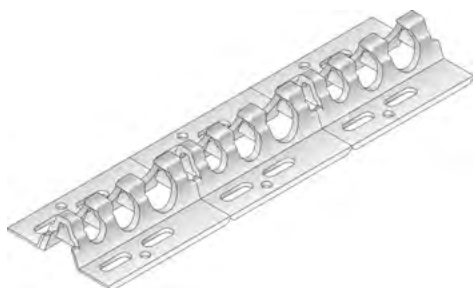
### SpacerClip™ for DryAbove™ System

**Stk# 87305**

The SpacerClip™ is placed between the heat transfer plates and holds the tubing in place. Tubing can be stepped into clip.

For complete specifications, see submittal [SUB87300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">87305</a>	SpacerClip™ for DryAbove™ System	50	500	ea.	\$ 2.56



### Tubing Tracking: 3/8", 1/2" and 5/8"

**Stk# 89000**

Tracking provides even tubing spacing in 3" (75 mm) multiples and exact regulation of tubing heights. Tubing is slightly elevated to ensure the concrete can totally encase tubing. Tubing, track & ground insulation assembly stays at the bottom of the pour to best utilize "angle of radiation"; eliminates hot and cold spots on the surface.

Tubing can be snapped in using your feet; no more bending down or tying is needed.

They can be fastened to many surfaces, such as concrete or plywood subfloors, steel Q decking, and polystyrene insulation.

Tracking comes in 4 ft (1.22 m) lengths.

For complete specifications, see submittal [SUB89000](#).

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
<a href="#">89000</a>	Tubing Tracking	400	10000	ft.	\$ 1.86





## Conduit Elbows 86000 Series

High impact strength moulded plastic 90° long radius elbow, designed to direct and protect heating tubing in transition area where tubing enters and exits concrete slab.

For complete specifications, see submittal [SUB86000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">86005</a>	½" Conduit 90s	1	100	ea.	\$ 5.82
<a href="#">86020</a>	¾" Conduit 90s	1	50	ea.	\$ 7.85
<a href="#">86022</a>	¾" Conduit 90s	1	40	ea.	\$ 11.78
<a href="#">86028</a>	1" Conduit 90s	1	50	ea.	\$ 15.46



## Plastic Bend Support 86100 Series

Allows for easy bending support and removal.

For complete specifications, see submittal [SUB86100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">86105</a>	Plastic Bend Support for ¾" and ½" Tubing	1	300	ea.	\$ 1.97
<a href="#">86122</a>	Plastic Bend Support for ¾" Tubing	1	400	ea.	\$ 3.70

### Molybdate Based Corrosion Inhibitor Stk# 01205



The Molybdate Based Corrosion Inhibitor creates a protective monomolecular film over all internal surfaces of the heating system as the water circulates. The film is an anodic coating which immediately stops corrosive attack of the metallic parts. Molybdate will not harm PEX tubing or the manifolds and it is glycol compatible. Molybdate concentration between 100-150 ppm is recommended; higher concentrations are not harmful.

The molybdate will act as a preoperational cleaner if a side stream filter is installed and double the amount of molybdate required is added. The molybdate concentration should be checked after this procedure.

The contents of this 1 L (0.26 US gal) container will treat 182 L (48 US gal) of water.

Advantages: toxicity; non-pollutant; non-staining.

For more information, see submittal [SUB01205](#) and SDS [L2803](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">01205</a>	1L Corrosion Inhibitor (Molybdate Based)	1	12	bottle	\$ 116.65



### Purging Compound (Pre & Post Operational Cleaner) Stk# 01311

Purging compound for boilers and closed loop systems. Used as a preoperational cleaner and a post start-up cleaner. After refilling system with fresh water, ensure either a glycol or inhibitor is immediately added.

The contents of this 1 L (0.26 US gal) container will treat 33 L (9 US gal) of water.

For more information, see SDS [L2831](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">01311</a>	1L Purging Compound (Pre & Post Operational Cleaner)	1	12	bottle	\$ 209.50



### HeatLink Preventative Maintenance Water Analysis Stk# 00412

Water analysis service provided by HeatLink that tests a water sample for:

- Glycol
- Nitrite Inhibitor
- Molybdate Inhibitor
- pH Level
- Conductivity
- Hardness

A water sample of 400-500 mL (13.5-17 fl. oz.) in a clean plastic bottle is required.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">00412</a>	HeatLink Preventative Maintenance Water Analysis	1		ea.	\$ 375.00

## Making the Complex Simple

HeatLink has found a way to make the complex more simple. With the Mechanical Room in a Box, some of the most common components of a radiant hydronic installation (mainly the wiring, pumps, and mixing valves), are installed on a panel with a plug, and boxed with a steel cover. This pre-wired, pre-fabricated, pre-engineered box is a time and money saving way to add control and consistency to an installation. Plug it in, and presto...you've got play!

## Features

- Versatile solutions for simple or complex hydronic heating applications.
- Pre-fabricated, pre-engineered, pre-wired...pre-cise!
- High quality, reliable and standardized construction.
- Modular approach for ease of installation.
- Appliance-like protective steel cover; tamper-resistant.
- Closed hydronic systems can be extensively zoned.
- Solar energy sources can be seamlessly added.
- When properly piped, there is less component cycling...and more silence.

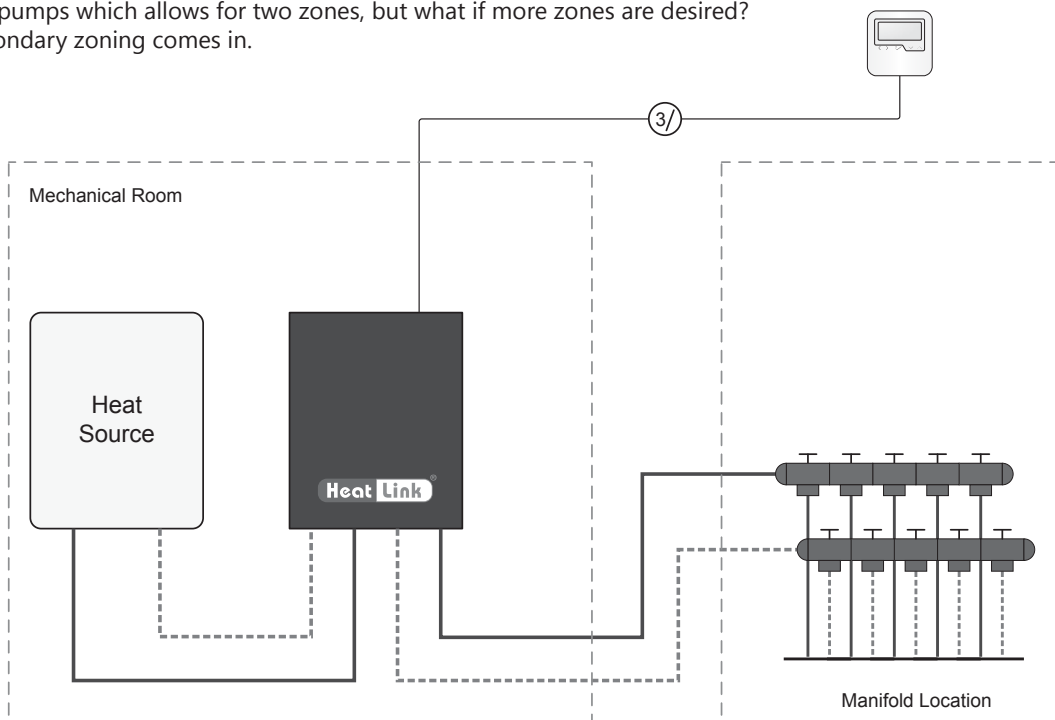
## Advantages

- Pre-engineered solutions reduce design and quotation time.
- Reliable (ETL listed, UL 508, CSA standard), exceeds highest quality standards, with multiple test procedures for electrical and mechanical system components.
- Eliminate on-site design and reduced risk of on-site errors.
- Known cost; fewer surprises.
- Reduced installation times; time is money!
- Trouble-free start-ups every time!
- Fewer call-backs.
- Compact and aesthetically pleasing.
- Easily serviced and replaceable.
- Covered by a single warranty.



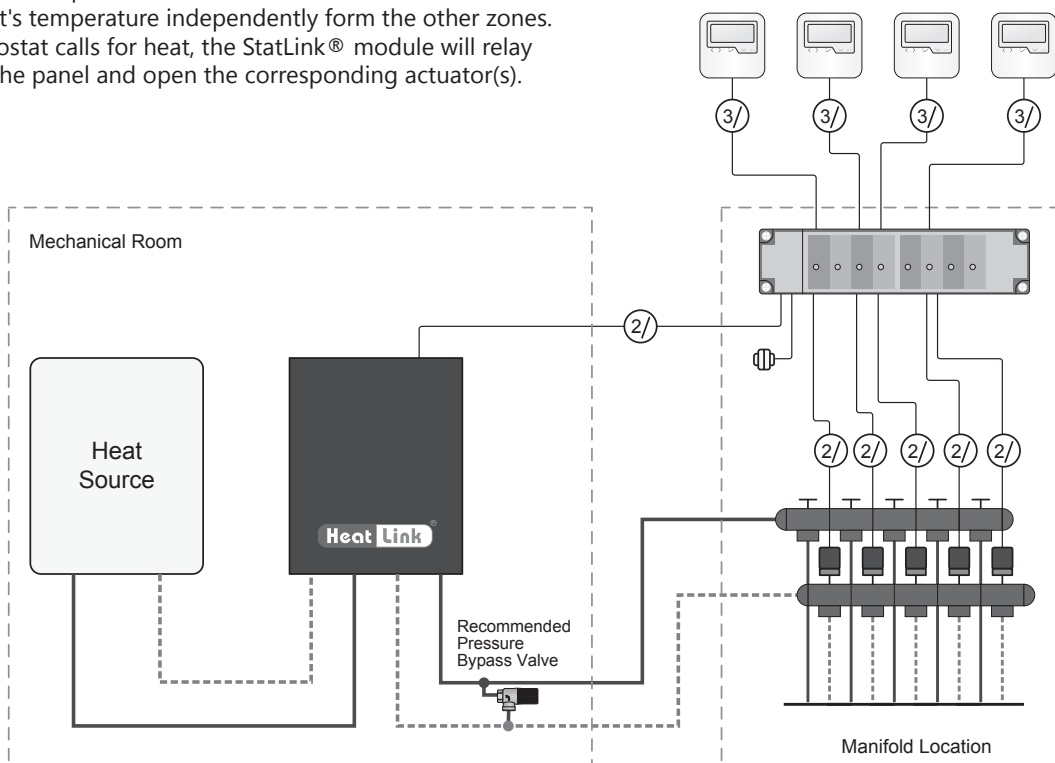
### One Zone per Pump

The standard configuration of most panels is one thermostatic zone per pump circuit. This means that all areas served by the pump circuit are heated at the same time. Some panels have two pumps which allows for two zones, but what if more zones are desired? That's where secondary zoning comes in.



### Secondary Zoning

The addition of a StatLink® module and manifold actuators allows for the creation of multiple zones. Each zone has its own thermostat that can control its temperature independently from the other zones. When any thermostat calls for heat, the StatLink® module will relay that demand to the panel and open the corresponding actuator(s).



## Residential Panel Selection

These panels are intended for use in single family residences or small commercial buildings. Multiple panels can be used in multi-family residences.

To select the panel that will work best for your system installation use the tables and definitions below. For additional assistance contact our technical or product support team.

### Definitions

- An open system uses a domestic hot water tank as the heat source, and cycles new water into the system.
- A closed system uses a dedicated boiler, or tankless water heater, and cycles the same water through the system.

Pg#	Panel Stk#	Application			Heat Source				Open System <sup>1</sup>	Closed System	Zoning <sup>2</sup>	Heating Manifold	Heat Exchanger	Mixing <sup>3</sup>	Outdoor Reset	DHW Priority	24hr Timer for Potable	BTU/hr
		Indirect Fired DHW	Radiant	High Temp	Hot Water Tank <sup>1</sup>	Tankless Water Heater	Boiler	Built-in										
<a href="#">88</a>	ECO Series	•	•				• <sup>4</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">89</a>	V100 Series	•	•				• <sup>5</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">90</a>	CAD Series	•	•				• <sup>6</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">91</a>	KNIGHT Series	•	•				• <sup>7</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">92</a>	TFT Series	•	•				• <sup>8</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">93</a>	BC Series	•	•				• <sup>9</sup>			•	1–2					• <sup>10</sup>		80/100,000
<a href="#">94</a>	ELBP Series		•					•		•	1							18/30/50,000
<a href="#">95</a>	ELBP-TS Series		•					•		•	1	•						18/30/50,000
<a href="#">96</a>	TMP040/070		•		•		•		•	•	1			•			•	40/70,000
<a href="#">97</a>	TMP070Z		•		•		•		•	•	4			•			•	70,000
<a href="#">98</a>	TMP070RS		•				•			•	1			•	•			70,000
<a href="#">99</a>	TMP085DP		•		•		•		•	•	2			•			•	85,000
<a href="#">100</a>	TMP-Multi	•	•	•			•			•	2–5			•		•		
<a href="#">102</a>	TWH-P Series		•			•	•		•	•	1			•		opt	•	70,000
<a href="#">103</a>	TWH-Z Series		•			•	•		•	•	4			•		opt	•	70,000
<a href="#">104</a>	HEP Series		•		•	•			•	•	1		•			opt	•	25/80/95,000
<a href="#">105</a>	HEP025R		•		•	•			•	•	1		•			opt		25,000
<a href="#">106</a>	HEP-RT Series		•		•	•			•	•	1-2		•			opt	•	25/80,000

### Notes

1. If permitted by local codes.
2. Number of zones supported by the panel. Additional zones on a closed system is possible with secondary zoning.
3. Mixing allows the panel to regulate the secondary supply water temperature. Without mixing, the supply water temperature is regulated by the heat source.
4. ECO Series panels are designed for use with Weil-McLain ECO boilers.
5. V100 Series panels are designed for use with Viessmann 100-W boilers.
6. CAD Series panels are designed for use with Lochinvar Cadet boilers.
7. KNIGHT Series panels are designed for use with Lochinvar Knight boilers.
8. TFT Series panels are designed for use with NTI Trinity Tft 60-110 boilers.
9. IBC Series panels are designed for use with IBC SL G2 boilers.
10. DHW Priority is controlled by the boiler.

## ECO Boiler Panels ECO Series

These panels are designed to work with Weil-McLain ECO boilers. The primary piping matches up to the ECO boiler system supply and return. The cool gray color of the enclosure matches the ECO boiler.

### Heating sequence of operation (ECO1ZN3P):

- A heat demand from the room thermostat will send a heating demand to the boiler.
- The boiler will turn on the Primary pump and Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant and Primary pumps will stop.

### Heating sequence of operation (ECO2ZN4P):

- A heat demand from either room thermostat will close its corresponding relay in the panel and send a heating demand to the boiler.

- The boiler will turn on the Primary pump and appropriate Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pumps will stop and the Primary pump will continue to run for as long as the boiler control requires.

### DHW sequence of operation (ECO1ZN3P & ECO2ZN4P):

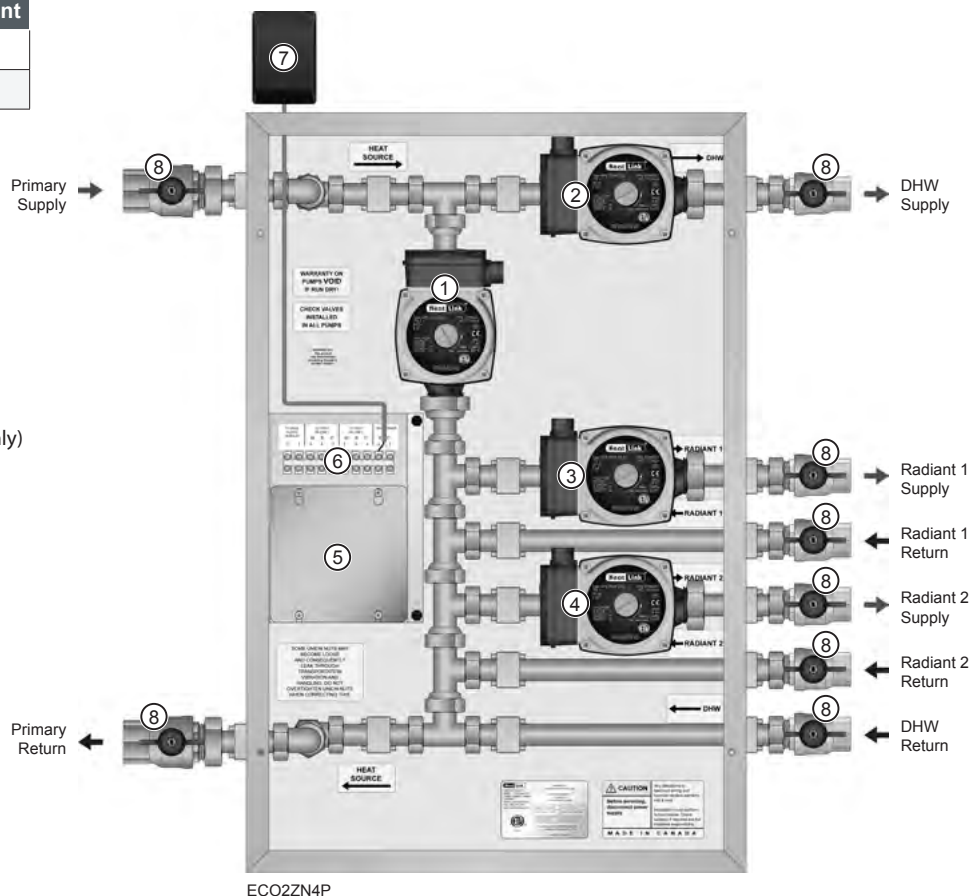
- A demand from the DHW aquastat to the boiler, the boiler will turn on the DHW pump and disable the Primary and Radiant pumps (if running) and change the supply water temp according to its settings.
- When the DHW demand is removed, the DHW pump will continue to run for as long as the boiler control requires.

For complete specifications, see submittal [SUBECOxZNxP](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
ECO1ZN3P	•	•	1
ECO2ZN4P	•	•	2

### Panel Components

- ① Primary Pump
- ② DHW Pump
- ③ Radiant 1 Pump
- ④ Radiant 2 Pump (ECO2ZN4P only)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip (ECO2ZN4P only)
- ⑦ 24Vac Plug-in Transformer (ECO2ZN4P only)
- ⑧ Isolation Valve
- ☒ Panel Cover (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">ECO1ZN3P</a>	ECO Boiler Panel 3 Pump	1	ea.	\$ 3,810.00
<a href="#">ECO2ZN4P</a>	ECO Boiler Panel High Capacity 4 Pump	1	ea.	\$ 4,391.00



### V100 Boiler Panels

#### V100 Series

These panels are designed to work with Viessmann Vitodens 100-W boilers. The panel primary piping matches up to the Vitodens boiler system supply and return. The white color of the enclosure matches the Vitodens 100-W boiler. The V103 panel is designed to work with the Combi Boiler.

#### Heating sequence of operation (V101):

- A heat demand from the room thermostat will close its relay in the panel and send a heating demand to the boiler.
- The boiler will turn on the Primary pump and Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pump will stop and the Primary pump will continue to run for as long as the boiler control requires.

#### Heating sequence of operation (V102 & V103):

- A heat demand from either room thermostat will close its corresponding relay in the panel and send a heating demand to the boiler.

- The boiler will turn on the Primary pump and appropriate Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pumps will stop and the Primary pump will continue to run for as long as the boiler control requires.

#### DHW sequence of operation (V101 & V102):

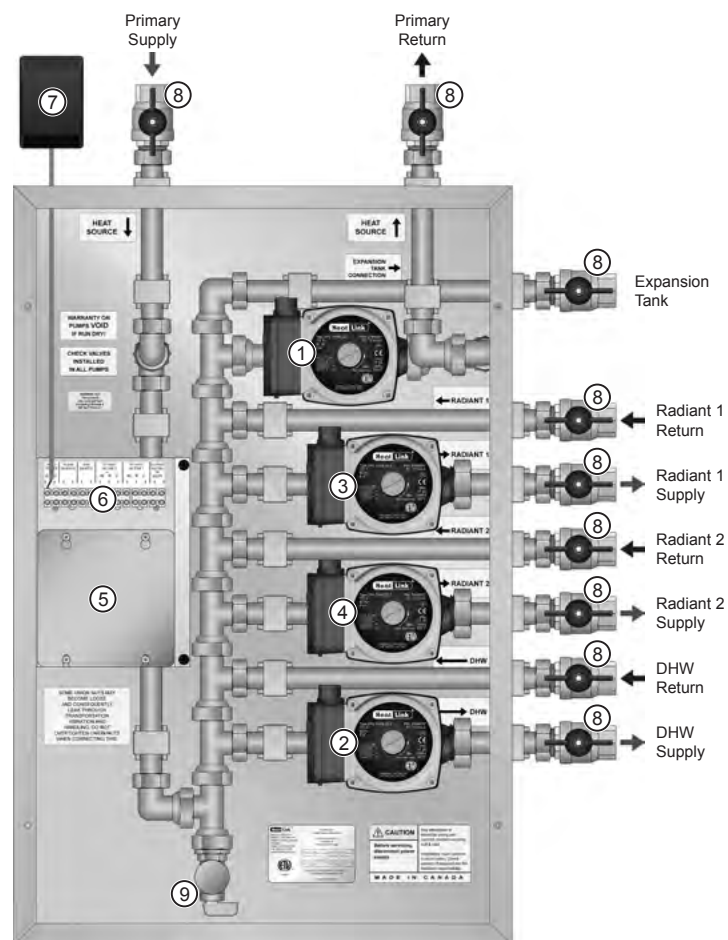
- A demand from the DHW aquastat will close its relay in the panel, disable the Radiant pump(s) (if running), and send a DHW demand to the boiler.
- The boiler will turn on the Primary and DHW pumps and change the supply water temp according to its settings.
- When the DHW demand is removed, the DHW pump will stop and the Primary pump will continue to run for as long as the boiler control requires.

For complete specifications, see submittal [SUBV100](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
V101	•	•	1
V102	•	•	2
V103			3

#### Panel Components

- ① Primary Pump (V101 & V102)
- ② DHW Pump (V101 & V102)
- ③ Radiant 3 Pump (V103 only)
- ④ Radiant 1 Pump
- ④ Radiant 2 Pump (V102 & V103)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip
- ⑦ 24Vac Plug-in Transformer
- ⑧ Isolation Valve
- ⑨ Drain Valve
- ☒ Panel Cover (not shown)



V102

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">V101</a>	V100 Boiler Panel 1 Htg 1 DHW	1	ea.	\$ 3,992.00
<a href="#">V102</a>	V100 Boiler Panel 2 Htg 1 DHW	1	ea.	\$ 4,732.00
<a href="#">V103</a>	V100 Boiler Panel 3 Htg	1	ea.	\$ 4,732.00

## CAD Boiler Panels

### CAD Series

These panels are designed to work with Lochinvar Cadet boilers. The panel primary piping matches up to the Cadet boiler system supply and return. The dark grey color of the enclosure is similar to the Cadet boilers.

#### Heating sequence of operation (CAD01):

- A heat demand from the room thermostat will send a heating demand to the boiler.
- The boiler will turn on the Primary pump and Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant and Primary pumps will stop.

#### Heating sequence of operation (CAD02):

- A heat demand from either room thermostat will close its corresponding relay in the panel and send a heating demand to the boiler.

- The boiler will turn on the Primary pump and appropriate Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pumps will stop and the Primary pump will continue to run for as long as the boiler control requires.

#### DHW sequence of operation (CAD01 & CAD02):

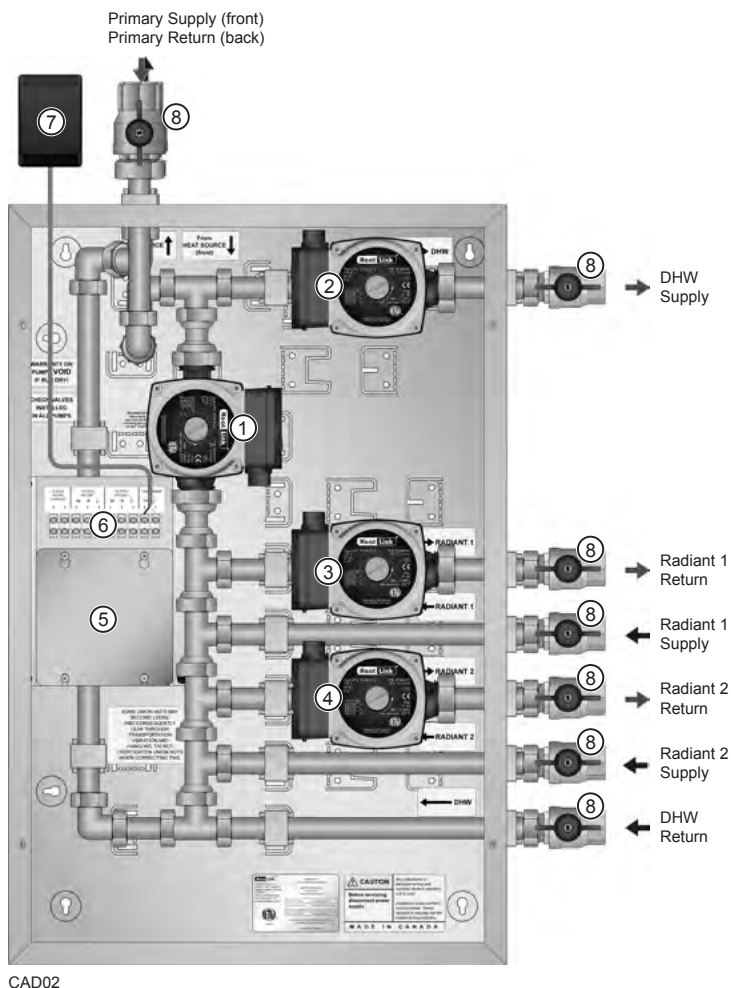
- A demand from the DHW aquastat to the boiler, the boiler will turn on the DHW pump, and turn off the Primary Pump, and the Radiant pump(s) (if running) and change the supply water temp according to its settings.
- When the DHW demand is removed, the DHW pump will continue to run for as long as the boiler control requires.

For complete specifications, see submittal [SUBCAD00](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
CAD01	•	•	1
CAD02	•	•	2

#### Panel Components

- ① Primary Pump
- ② DHW Pump
- ③ Radiant 1 Pump
- ④ Radiant 2 Pump (CAD02 only)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip (CAD02 only)
- ⑦ 24Vac Plug-in Transformer (CAD02 only)
- ⑧ Isolation Valve
- ☒ Panel Cover (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">CAD01</a>	CAD Boiler Panel 3 Pump	1	ea.	\$ 3,810.00
<a href="#">CAD02</a>	CAD Boiler Panel High Capacity 4 Pump	1	ea.	\$ 4,391.00

## KNIGHT Boiler Panels KNIGHT Series

These panels are designed to work with Lochinvar Knight boilers.

Heating sequence of operation (Knight01):

- A heat demand from the room thermostat will send a heating demand to the boiler.
- The boiler will turn on the Primary pump and Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant and Primary pumps will stop.

Heating sequence of operation (Knight02):

- A heat demand from either room thermostat will close its corresponding relay in the panel and send a heating demand to the boiler.
- The boiler will turn on the Primary pump and appropriate Radiant pump.

- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pumps will stop and the Primary pump will continue to run for as long as the boiler control requires.

DHW sequence of operation (Knight01 & Knight 02):

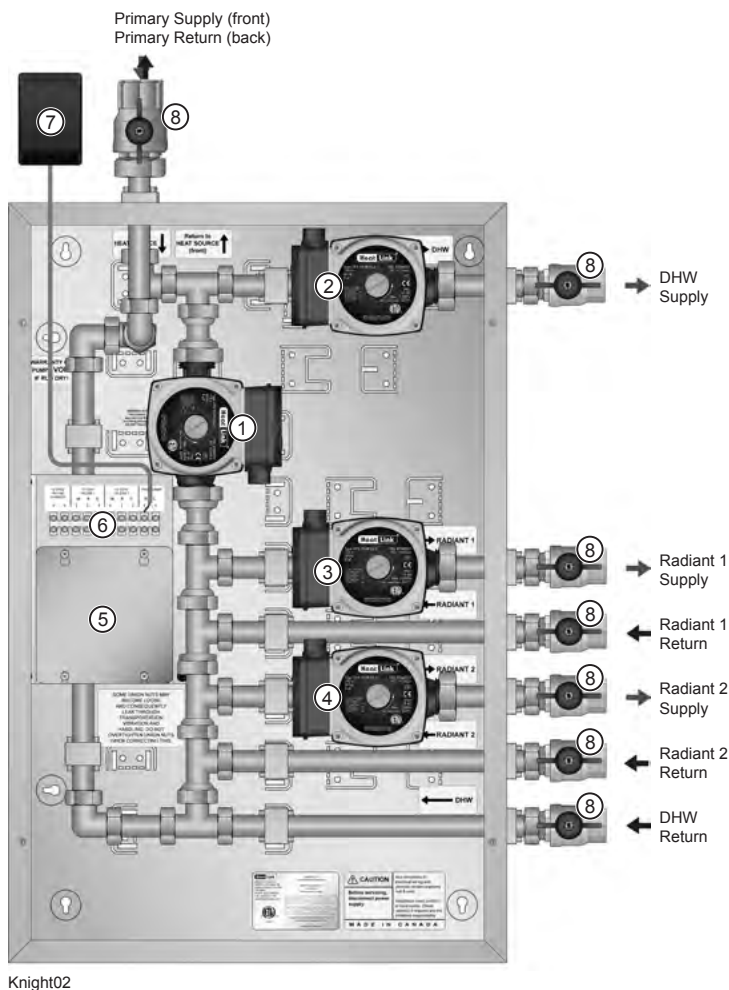
- A demand from the DHW aquastat to the boiler, the boiler will turn on the DHW pump, and turn off the Primary pump, and the Radiant pump(s) (if running) and change the supply water temp according to its settings.
- When the DHW demand is removed, the DHW pump will continue to run for as long as the boiler control requires.

For complete specifications, see submittal [SUBKNIGHT00](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
Knight01	•	•	1
Knight02	•	•	2

### Panel Components

- ① Primary Pump
- ② DHW Pump
- ③ Radiant 1 Pump
- ④ Radiant 2 Pump (Knight02 only)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip (Knight02 only)
- ⑦ 24Vac Plug-in Transformer (Knight02 only)
- ⑧ Isolation Valve
- ☒ Panel Cover (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">Knight01</a>	Panel for Knight Wall Mount Boiler (3 Pump)	1	ea.	\$ 3,810.00
<a href="#">Knight02</a>	Panel for Knight Wall Mount Boiler (4 Pump)	1	ea.	\$ 4,391.00

## TFT Boiler Panels

### TFT Series

These panels are designed to for use with NTI Trinity Tft 60-110 boilers.

#### Heating sequence of operation (TFT01):

- A heat demand from the room thermostat will send a heating demand to the boiler.
- The boiler will turn on the Primary pump and Radiant pump.
- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant and Primary pumps will stop.

#### Heating sequence of operation (TFT02):

- A heat demand from either room thermostat will close its corresponding relay in the panel and send a heating demand to the boiler.
- The boiler will turn on the Primary pump and appropriate Radiant pump.

- The supply water temp is determined by the boiler.
- When the heat demand is removed, the Radiant pumps will stop and the Primary pump will continue to run for as long as the boiler control requires.

#### DHW sequence of operation (TFT01 & TFT02):

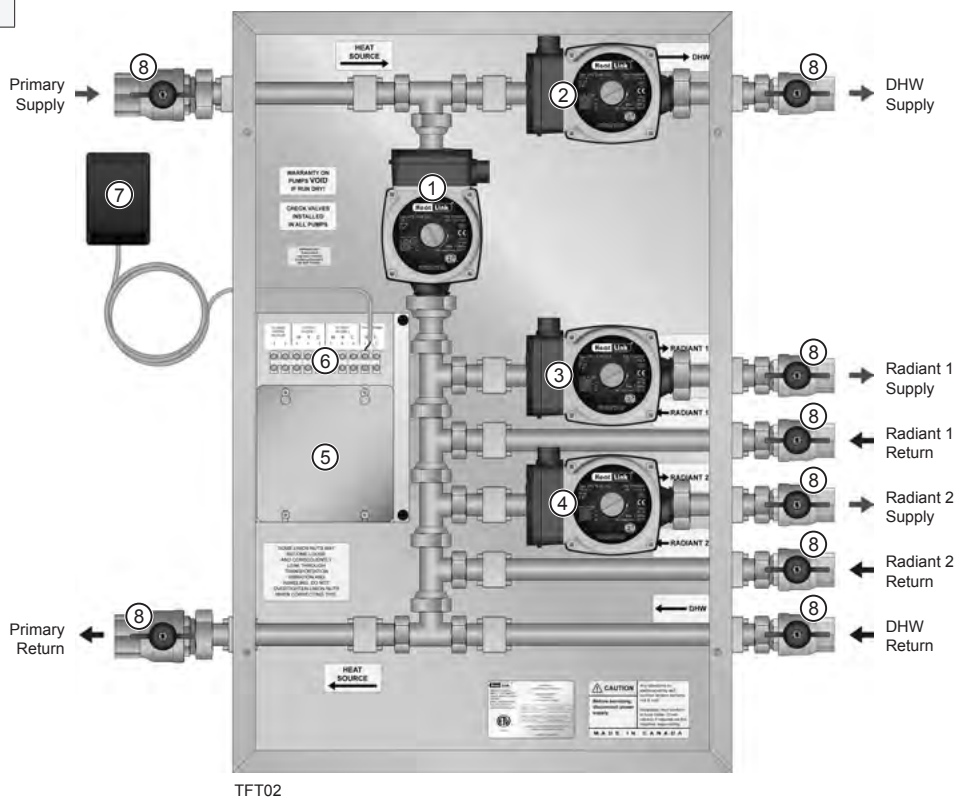
- A demand from the DHW aquastat will send a DHW demand to the boiler.
- The boiler will turn on the DHW pump and disable the Primary and Radiant pump(s) (if running) and change the supply water temp according to its settings.
- When the DHW demand is removed, the DHW pump will continue to run for as long as the boiler control requires.

For complete specifications, see submittal [SUBTFT00](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
TFT01	•	•	1
TFT02	•	•	2

#### Panel Components

- ① Primary Pump
- ② DHW Pump
- ③ Radiant 1 Pump
- ④ Radiant 2 Pump (TFT02 only)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip (TFT02 only)
- ⑦ 24Vac Plug-in Transformer (TFT02 only)
- ⑧ Isolation Valve
- ☒ Panel Cover (not shown)



TFT02

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TFT01</a>	TFT01 Boiler Panel 3 Pump	1	ea.	\$ 3,810.00
<a href="#">TFT02</a>	TFT02 High Capacity Boiler 4 Pump	1	ea.	\$ 4,391.00

## BC Boiler Panels BC Series

The BC G2-1 and BC G2-2 panels are designed to work with IBC SL G2 boilers. The panel primary piping matches up to the IBC boiler system supply and return.

The BC G2-3 panel will work with IBC DC series combi boilers.

The panel has three or four Grundfos UPS15-58 pumps. All of which are controlled by the boiler.

All the thermostats, and the DHW sensor are wired to the boiler.

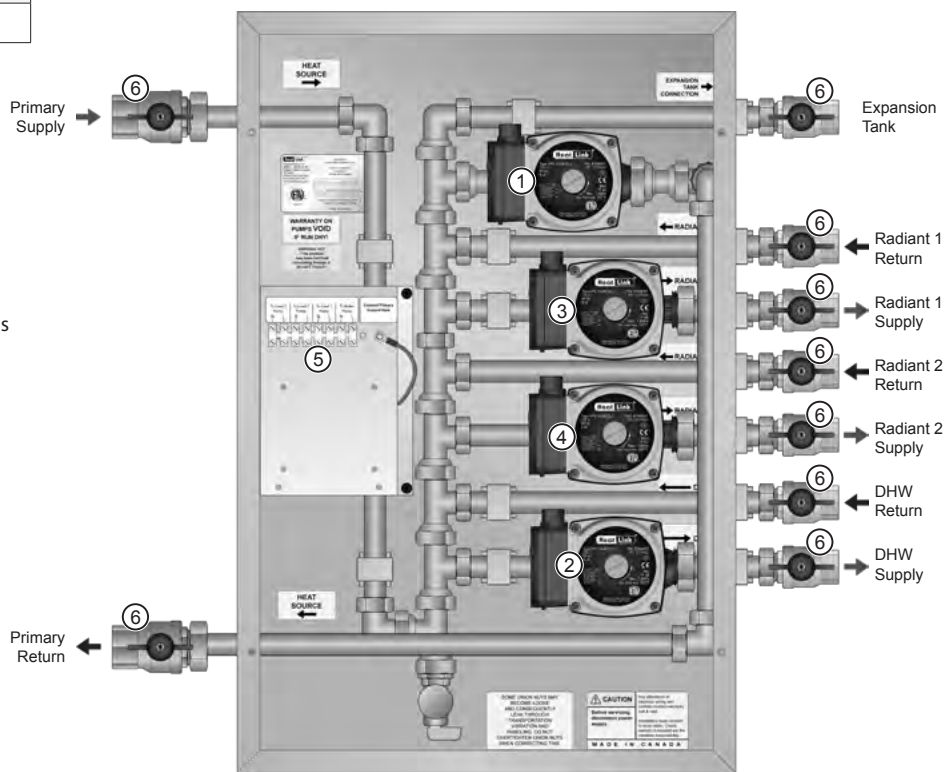
The water temperature and DHW priority is controlled by the boiler.

For complete specifications, see submittal [SUBBCG2](#).

Panel Stk#	Pumps		
	Primary	DHW	Radiant
BC G2-1	•	•	1
BC G2-2	•	•	2
BC G2-3			3

### Panel Components

- ① Primary Pump (BC G2-1 & BC G2-2)
- ② DHW Pump (BC G2-1 & BC G2-2)
- ③ Radiant 3 Pump (BC G2-3 only)
- ④ Radiant 1 Pump
- ⑤ 120V Terminal Strip for pump connections
- ⑥ Isolation Valve
- ☒ Panel Cover (not shown)



BC G2-2

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">BC G2-1</a>	Standard Boiler Panel 3 Pump	1	ea.	\$ 3,992.00
<a href="#">BC G2-2</a>	High Capacity Boiler Panel 4 Pump	1	ea.	\$ 4,732.00
<a href="#">BC G2-3</a>	BC G.Combi Boiler Panel	1	ea.	\$ 4,215.00



## ELBP Electric Boiler Panel ELBP Series

The Electric Boiler Panel's primary application is for heating small areas where quick installation is needed or alternative fuel sources aren't available.

The Electric Boiler Panel includes a 6.7kW, 11kW, or 18kW electric boiler, automatic air vent, pressure relief valve, strainer, pump, connection for an expansion tank, 24Vac transformer, StatLink® 6 Zone Base Module, and electrical box for 240V connection.

Sequence of operation:

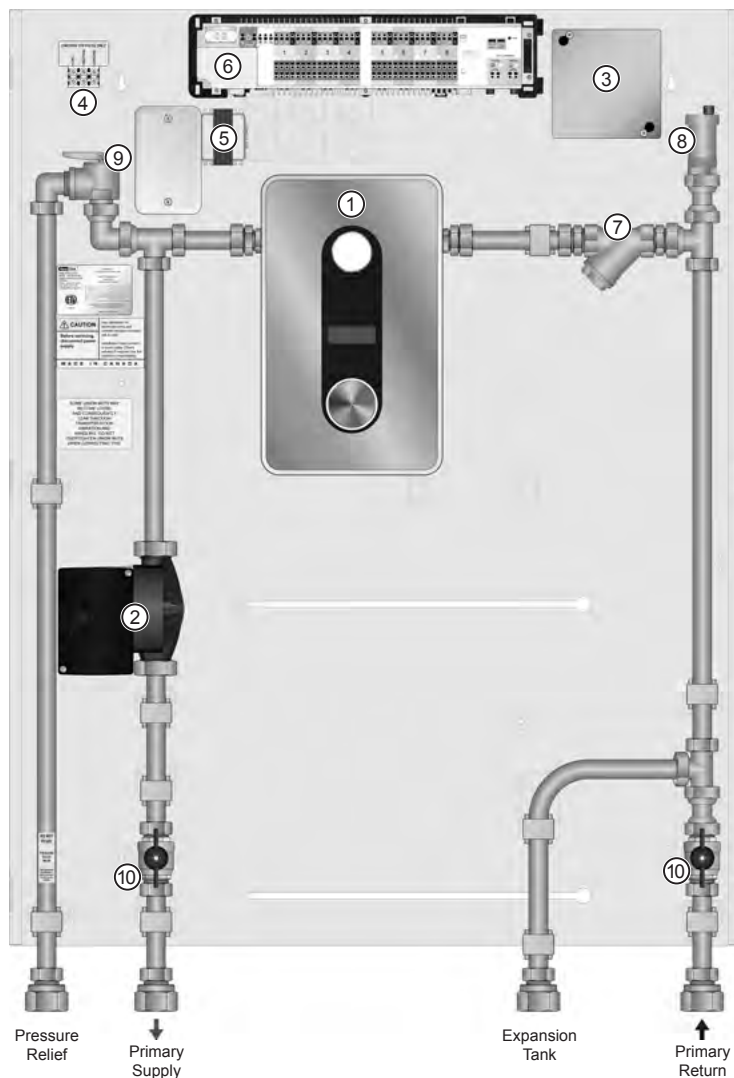
- When there is a call for heat from the thermostat wired to the StatLink® Module, the pump is activated; the electric boiler is then activated via a flow meter and supplies heat based on the user settings.

For complete specifications, see submittal [SUBELBP000](#).

### Panel Components

- ① Electric Boiler
- ② Primary Pump
- ③ 240Vac Electrical Connection Box
- ④ 120Vac Terminal Strip
- ⑤ 24Vac Transformer
- ⑥ StatLink® Module
- ⑦ Strainer
- ⑧ Automatic Air Vent
- ⑨ Pressure Relief Valve
- ⑩ Isolation Valve
- ☒ Panel Enclosure (not shown)

ELBP30



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">ELBP18</a>	Electric Boiler Panel 18,000BTU	1	ea.	\$ 4,341.00
<a href="#">ELBP30</a>	Electric Boiler Panel 30,000BTU	1	ea.	\$ 7,642.00
<a href="#">ELBP50</a>	Electric Boiler Panel 50,000BTU	1	ea.	\$ 7,806.00



## ELBP Electric Boiler Panel with Manifold ELBP-TS Series

The Electric Boiler Panel's primary application is for heating small areas where quick installation is needed or alternative fuel sources aren't available.

The Electric Boiler Panel includes a 6.7kW, 11kW, or 18kW electric boiler, automatic air vent, pressure relief valve, strainer, pump, connection for an expansion tank, TwistSeal® Multiport Mini Manifold, 24Vac transformer, StatLink® 6 Zone Base Module, and electrical box for 240V connection.

### Sequence of operation:

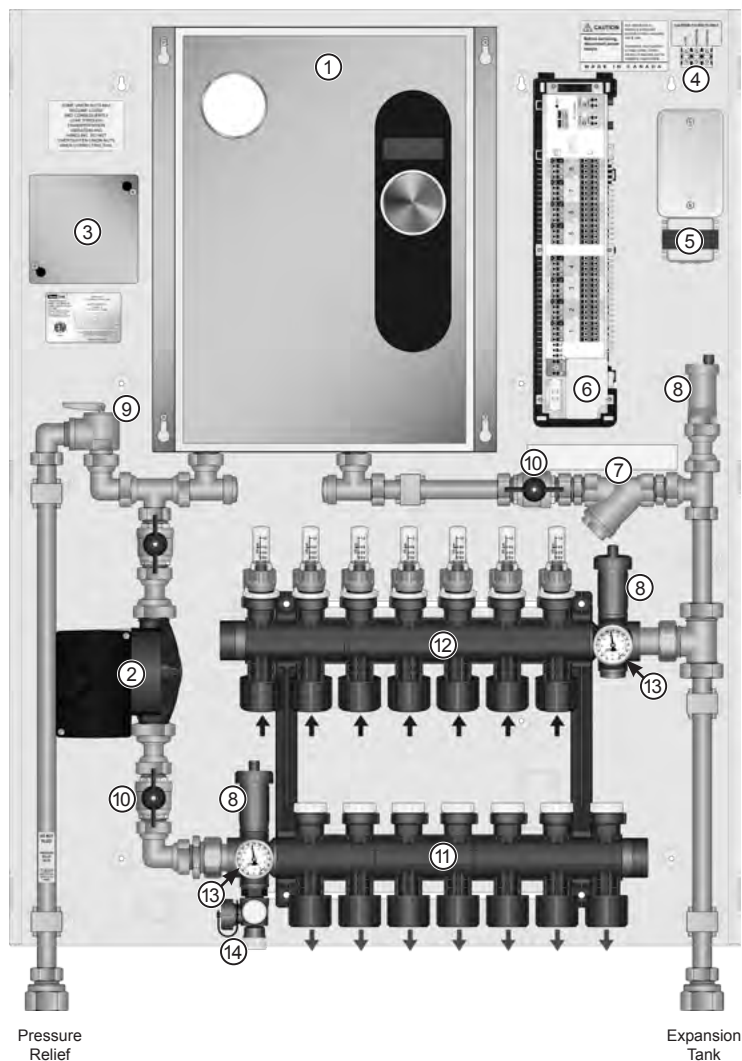
- When there is a call for heat from the thermostat wired to the StatLink® Module, the pump is activated; the electric boiler is then activated via a flow meter and supplies heat based on the user settings.

For complete specifications, see submittal [SUBELBP000TS](#).

### Panel Components

- ① Electric Boiler
  - ② Primary Pump
  - ③ 240Vac Electrical Connection Box
  - ④ 120Vac Terminal Strip
  - ⑤ 24Vac Transformer
  - ⑥ StatLink® Module
  - ⑦ Strainer
  - ⑧ Automatic Air Vent
  - ⑨ Pressure Relief Valve
  - ⑩ Isolation Valve
  - ⑪ Supply Manifold
  - ⑫ Return Manifold
  - ⑬ Thermometer
  - ⑭ Hosebib
- ☒ Panel Enclosure (not shown)

ELBP50TS7



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">ELBP18TS3</a>	Electric Boiler Panel 18,000BTU with 3 Loop Twist Seal Mini Multiport	1	ea.	\$ 5,188.00
<a href="#">ELBP18TS5</a>	Electric Boiler Panel 18,000BTU with 5 Loop Twist Seal Mini Multiport	1	ea.	\$ 5,387.00
<a href="#">ELBP30TS3</a>	Electric Boiler Panel 30,000BTU with 3 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,118.00
<a href="#">ELBP30TS5</a>	Electric Boiler Panel 30,000BTU with 5 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,170.00
<a href="#">ELBP30TS6</a>	Electric Boiler Panel 30,000BTU with 6 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,411.00
<a href="#">ELBP30TS7</a>	Electric Boiler Panel 30,000BTU with 7 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,514.00
<a href="#">ELBP30TS8</a>	Electric Boiler Panel 30,000BTU with 8 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,615.00
<a href="#">ELBP50TS7</a>	Electric Boiler Panel 50,000BTU with 7 Loop Twist Seal Mini Multiport	1	ea.	\$ 9,065.00

## TMP 40/70 MBH 3-Way Mixing Panels Stk# TMP040 & TMP070

The TMP 3-Way Mixing Panel's primary application is as a single zone mixing device where there are no flow requirements in the primary loop.

Intended to be used with DHW tanks as a heat source, the PLC is programmed with a 24hr timer for potable applications. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible.

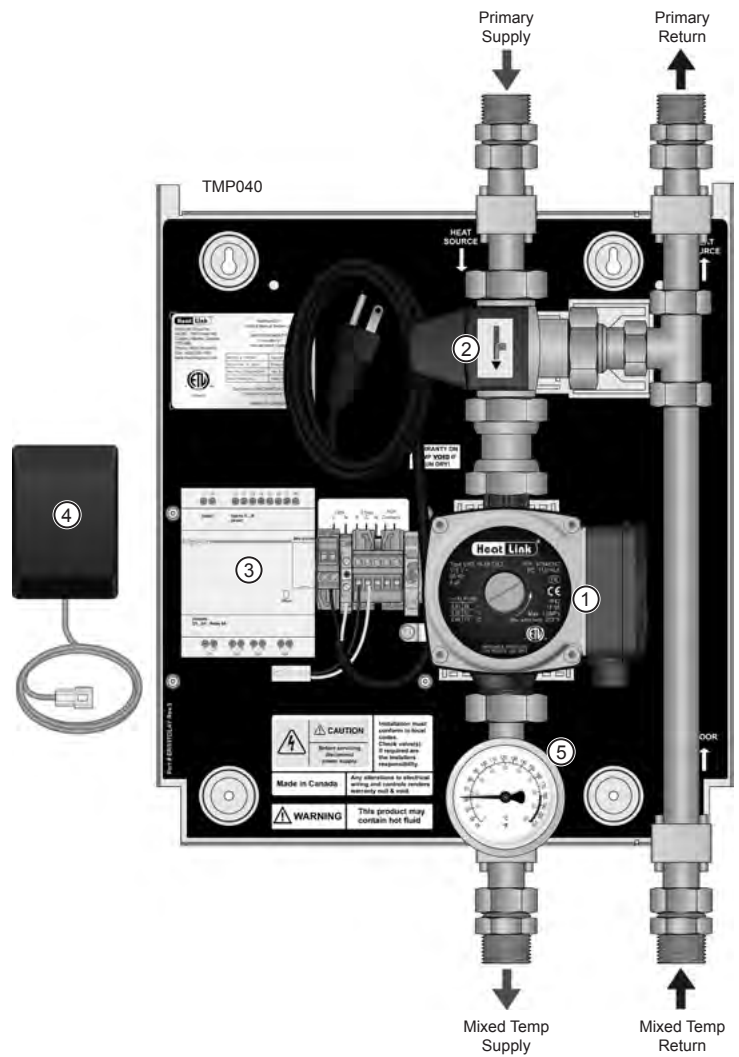
A DHW priority option for these panels is not available.

These panels can also be used as subpanels to provide additional mixed temperature loops.

Sequence of operation:

- When the thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and the pump turns on.
- As the pump moves fluid through the panel the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the pump stops.
- The pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.

For complete specifications, see submittal [SUBTMP000](#).



### Panel Components

- ① Pump
- ② 3-Way Thermostatic Mixing Valve
- ③ PLC Control with 6' Power Cord
  - 24hr Timer for Potable Applications
  - Auxiliary Dry Contacts for Heat Source
  - Thermostat Inputs and Actuator Outputs for 1 Zone
- ④ 24Vac Plug-in Transformer
- ⑤ Thermometer
- ☑ Panel Enclosure (not shown)

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TMP040</a>	TMP 40MBH 3-Way Mixing Panel	1	ea.	\$ 2,706.00
<a href="#">TMP070</a>	TMP 70MBH 3-Way Mixing Panel	1	ea.	\$ 3,000.00

## TMP 70 MBH 3-Way Mixing Panel with Zoning

Stk# TMP070Z

The TMP 3-Way Mixing Panel's primary application is as a **multizone** mixing device where there are no flow requirements in the primary loop.

Intended to be used with DHW tanks as a heat source, the PLC is programmed with a 24hr timer for potable applications. The panel has thermostat inputs and actuator outputs for up to four zones (two actuators per zone). When used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible (subject to local codes).

A DHW priority option for this panel is not available.

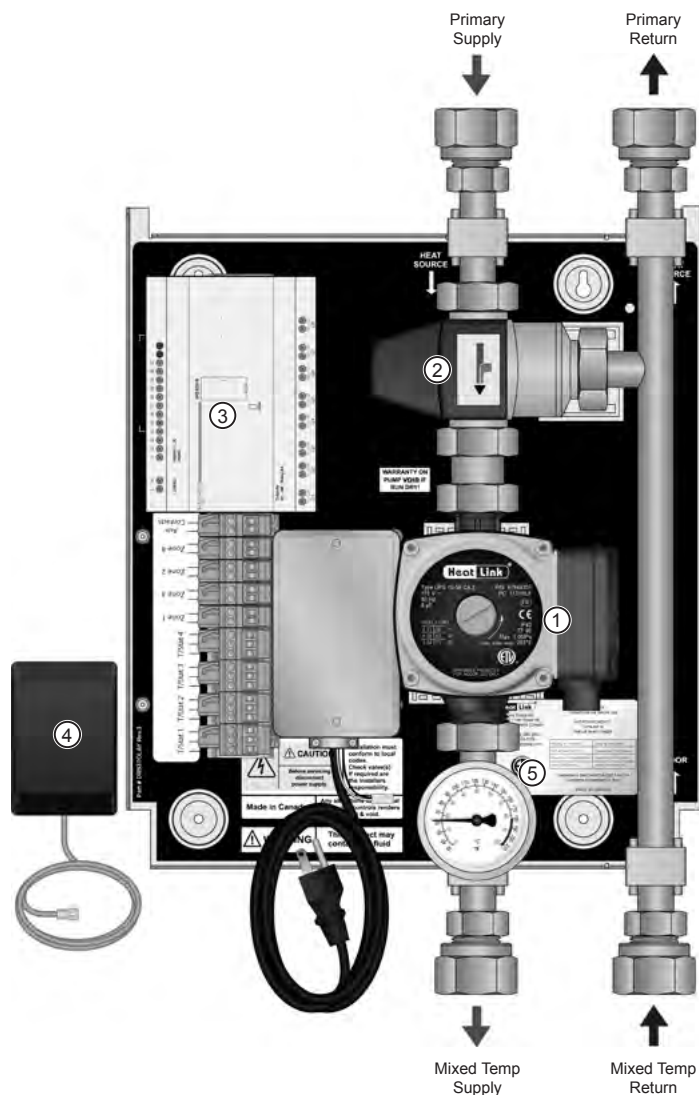
Sequence of operation:

- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, the pump turns on, and its corresponding zone actuator opens.
- As the pump moves fluid through the panel the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, the pump stops and the zone actuator closes.
- The pump is activated, and all zone actuators open, once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.

For complete specifications, see submittal [SUBTMP000Z](#).

### Panel Components

- ① Pump
- ② 3-Way Thermostatic Mixing Valve
- ③ PLC Control with 6' Power Cord
  - 24hr Timer for Potable Applications
  - Auxiliary Dry Contacts for Heat Source
  - Thermostat Inputs and Actuator Outputs for 4 Zones
- ④ 24Vac Plug-in Transformer
- ⑤ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TMP070Z</a>	TMP 70MBH 3-Way Mixing Panel with Zoning	1	ea.	\$ 4,193.00

### TMP 70 MBH 3-Way Mixing Panel with Outdoor Reset Stk# TMP070RS

The TMP three way mixing panel's primary application is as a single zone mixing device where there are no flow requirements in the primary loop. The #31355 Compact Mixing Control with the 3-way mixing valve and actuator will automatically regulate the water temperature in secondary circuit based on outdoor temperature.

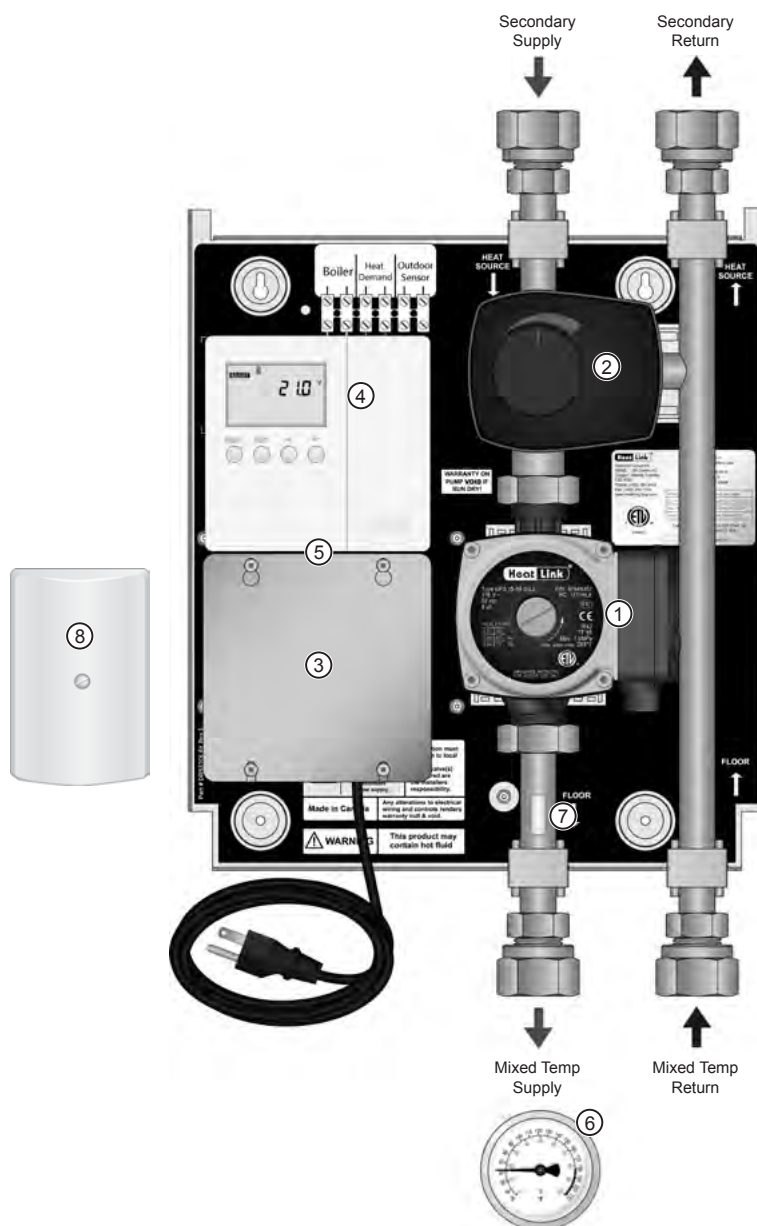
#### Sequence of operation:

- When the panel receives a heat demand, the 31355 control is activated.
- If the control is not in Warm Weather Shut Down, the control operates the mixing valve, boiler, and pump to maintain an outdoor reset mix target temperature at the mix supply sensor.
- When the heat demand is removed, the control will close the mixing valve, open the boiler contacts, and stop the pump after the purge time.
- If the pump has not run in the past 3 days, the pump will run for 10 seconds.
- If the mixing valve has not operated its full stroke in the past 3 days, the control will operate the valve to the fully open position and then back to the fully closed position.

For complete specifications, see submittal [SUBTMP070RS](#).

#### Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Mixing Valve Motor
- ③ Relay Box with 6' Power Cord
- ④ HeatLink® #31355 Compact Mixing Control
- ⑤ 24Vac Transformer (hidden)
- ⑥ Thermometer
- ⑦ Supply Sensor
- ⑧ Outdoor Sensor
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TMP070RS</a>	TMP 70MBH 3-Way Mixing Panel (Automatic Outdoor Reset)	1	ea.	\$ 5,751.00

## TMP 85 MBH Dual Pump Mixing Panel Stk# TMP085DP

The TMP 3-Way Mixing Panel's primary application is as a single temperature mixing device where there are no flow requirements in the primary loop.

Intended to be used with DHW tanks as a heat source, the PLC is programmed with a 24hr timer for potable applications. The TMP085DP not only allows for higher output, but it is also a 2-zone panel. So even with a DHW heat source, you can now have two radiant floor zones. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible.

A DHW priority option for this panel is not available.

These panels can also be used as subpanels to provide additional mixed temperature loops.

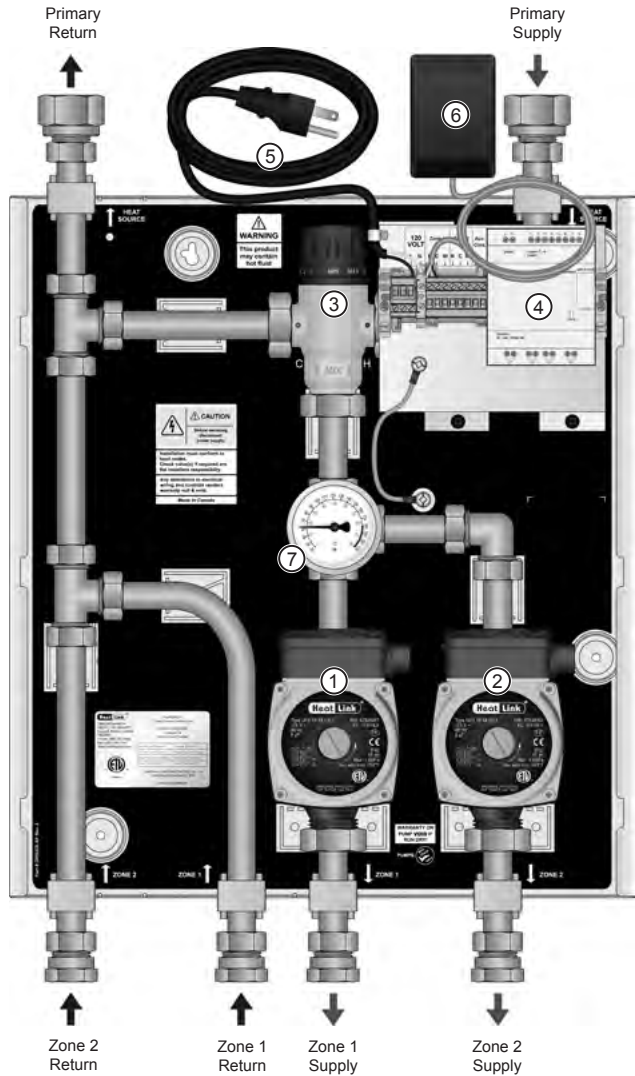
Sequence of operation:

- When the thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and the appropriate pump turns on.
- As the pump moves fluid through the panel the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the corresponding pump(s) stops.
- The pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.

For complete specifications, see submittal [SUBTMP000DP](#).

### Panel Components

- ① Zone 1 Pump with Check Valve
- ② Zone 2 Pump with Check Valve
- ③ 3-Way Thermostatic Mixing Valve
- ④ PLC (Programmable Logic Control)
  - 24hr Timer for Potable Applications
  - Auxiliary Dry Contacts for Heat Source
- ⑤ 120Vac 6' Power Cord
- ⑥ 24Vac Plug-in Transformer
- ⑦ Thermometer
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TMP085DP</a>	TMP 85MBH Dual Pump 3-Way Mixing panel	1	ea.	\$ 4,383.00



### TMP-Multi Panels TMP-M Series

The TMP-Multi Panel series all share a primary loop, optional primary pump, two to five secondary circuits, simple electrical wiring, thermometers, and isolation valves on all circuits.

**A cover for these panels is not available.**

Multiple low temp circuits mean multiple supply water temperatures for different radiant areas. A common example of this is in combination radiant heating systems where basements have a “wet” installation and DryAbove™ or DryBelow™ systems are installed on upper floors.

Add secondary zoning with a StatLink® module and manifold actuators (sold separately).

The flexibility of the TMP-Multi Panels means that this is the only panel you need for your residential or small commercial heating projects.

For complete specifications, see submittal [SUBTMPMulti](#).

**Control Options**

A. Wired Thermostat Connection

B. Wireless Thermostat Connection

- Wireless Internet Gateway #43301 required (sold separately).

**Primary Pump Options**

A. No pump

- For boilers with their own pump.

B. UPS 15-58

- For low flow rate and head loss.
- 100MBH max. output.

C. UPS 26-99

- For moderate flow rate and head loss.
- 300MBH max. output.

D. UPS 26-150

- For high flow rate and head loss.
- 300MBH max. output.

**Circuit Options**

A. DHW Circuit

- One (1) possible circuit for indirect fired hot water heater with priority.
- 100MBH max. output.
- Small (15-58) or large (26-99) pump.

B. High Temp Circuit

- Up to two (2) circuits for baseboards, fan coils, etc.
- 100MBH max. output.

C. Low Temp Circuit with Small TMV

- Up to five (5) for radiant heating areas.
- 40MBH max. output.

D. Low Temp Circuit with Large TMV

- Up to five (5) for radiant heating areas with higher head loss.
- 70MBH max. output.



### Low Temp Circuit sequence of operation:

- A heat demand from the room thermostat will send a heating demand to the Control.
- The Control will turn on the Primary pump (if applicable), Circuit pump, and close the auxiliary contacts.
- As the pump moves fluid through the circuit the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the heat demand is removed, the Circuit pump will stop. If the Circuit is the only one that had a heat demand, the Control will stop the Primary pump and open the auxiliary contacts.

### High Temp Circuit sequence of operation:

- A heat demand from the room thermostat will send a heating demand to the Control.
- The Control will turn on the Primary pump (if applicable), Circuit pump, and close the auxiliary contacts.
- When the heat demand is removed, the Circuit pump will stop. If the Circuit is the only one that had a heat demand, the Control will stop the Primary pump and open the auxiliary contacts.

### DHW Circuit sequence of operation:

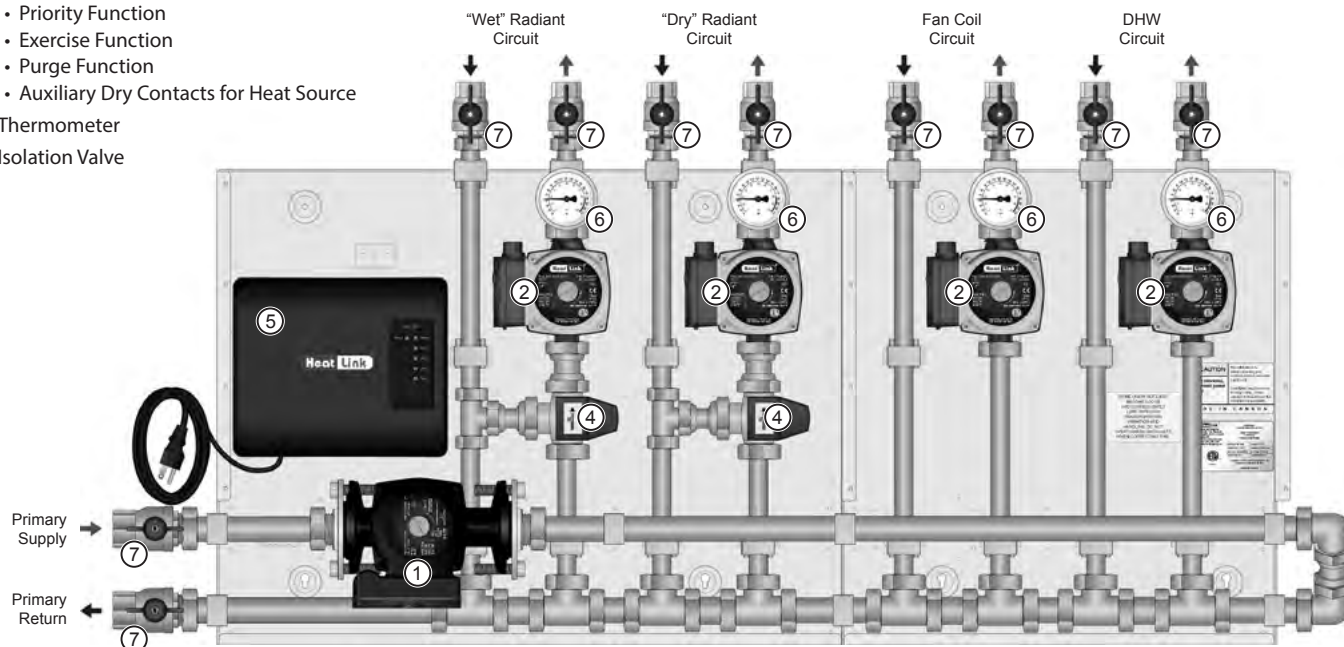
- A demand from the DHW aquastat will send a DHW demand to the Control.
- The Control will turn on the Primary pump (if applicable), Circuit pump, and close the auxiliary contacts.
- The Control will turn off all the other Circuit pump(s) (if running).
- When the DHW demand is removed, the Circuit pump will stop. If the Purge DIP switch is in the On position (default is Off), the Circuit pump will run for 2 minutes. If other circuits are calling for heat, their Circuit pumps will be turned on and the Primary pump will continue to run.

### Panel Components

- ① Primary Pump
- ② Circuit Pump
- ③ 3-Way Thermostatic Mixing Valve (Large)
- ④ 3-Way Thermostatic Mixing Valve (Small)
- ⑤ Control with 120Vac 6' Power Cord
  - Priority Function
  - Exercise Function
  - Purge Function
  - Auxiliary Dry Contacts for Heat Source
- ⑥ Thermometer
- ⑦ Isolation Valve

#### TMP-MP2DHSS

DHW circuit with priority, one high temp circuit (e.g. fan coil), two low temp circuits (e.g. one for "wet" basement and one for "dry" main floor), and UPS 26-99 primary pump, shown with left feed.



Common example configurations are listed below.

Please contact your local representative for pricing of other configurations or sizing assistance.

Stk#	Thermostat		Primary Pump			Secondary Circuits					Pkg Qty	Unit	List Price / Unit
	Wired	Wireless	None	15-58	26-99	26-150	DHW Small	DHW Large	High Temp	Low Temp Small	Low Temp Large		
<a href="#">TMP-MW1P0DSS</a>	•		•				•			2		1	ea. \$ 6,281.00
<a href="#">TMP-MW1P2DSS</a>	•				•		•			2		1	ea. \$ 7,879.00
<a href="#">TMP-MW1P0DHSS</a>	•		•				•		1	2		1	ea. \$ 7,333.00
<a href="#">TMP-MW1P2DHSS</a>	•				•		•		1	2		1	ea. \$ 8,931.00

### TWH 70 MBH Tankless Water Heater Mixing Panels with Optional DHW Priority Stk# TWH070P & TWH070XP

The TWH Tankless Water Heater Mixing Panel's primary application is as a single zone mixing device for tankless DHW heaters.

The TWH070XP has a UPS 26-99 primary pump and is designed for applications where there is an extremely high flow resistance in the heat source.

The panel is pre-wired to work with an optional DHW priority switch which is mounted outside the panel.

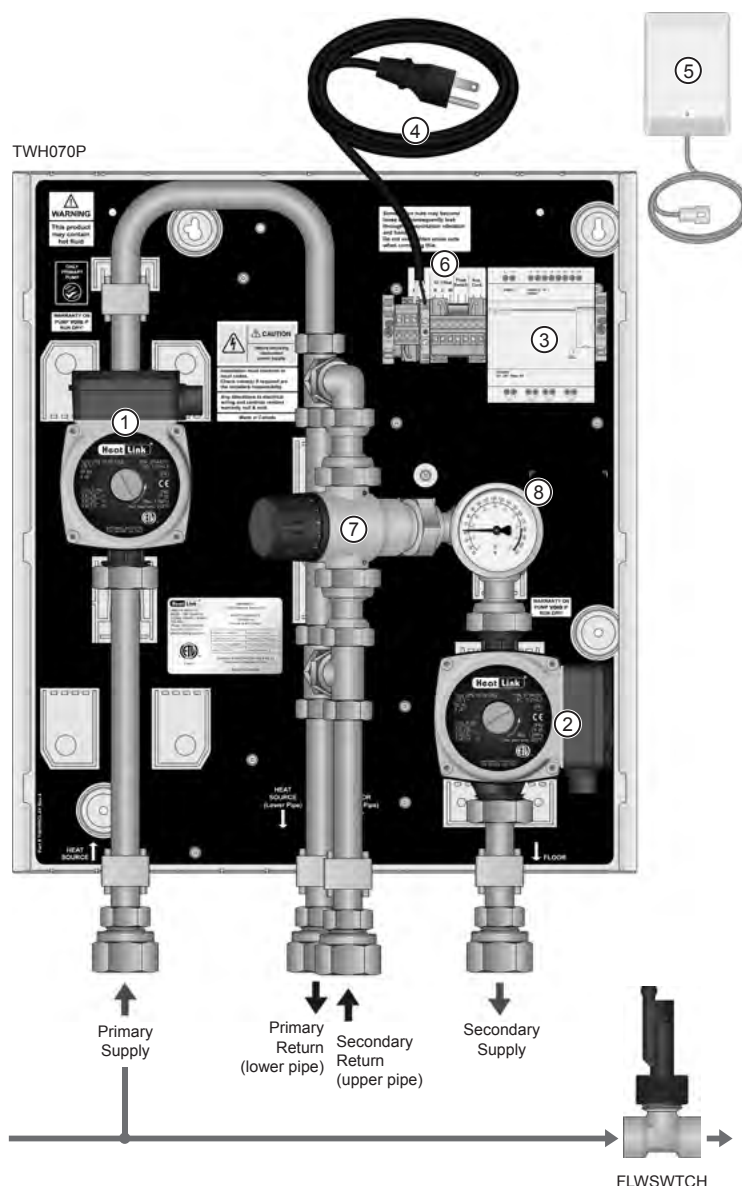
Sequence of operation:

- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and both pumps turn on.
- As the pumps move fluid through the panel the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the pumps stop.
- Both the primary and secondary pumps are activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.
- If the optional DHW priority flow switch is installed and the DHW flow is above the factory setting for this device, the primary pump stops and the auxiliary contacts open. When the DHW flow drops below the factory setting the panel resumes normal operation.

For complete specifications, see submittal [SUBTWH000P](#) and [SUBFLWSWCH](#).

#### Panel Components

- ① Primary Pump with Check Valve
- ② Secondary Pump
- ③ PLC (Programmable Logic Control)
  - 24hr Timer for Potable Application
  - Auxiliary Dry Contacts for Heat Source
- ④ 120Vac 6' Power Cord
- ⑤ 24Vac Plug-in Transformer
- ⑥ Terminal Strip
- ⑦ 3-Way Thermostatic Mixing Valve
- ⑧ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TWH070P</a>	TWH 70MBH Tankless Water Heater Mixing Panel (DHW Priority Opt)	1	ea.	\$ 4,147.00
<a href="#">TWH070XP</a>	TWH 70MBH HH Tankless Water Heater Mixing Panel (DHW Priority Opt)	1	ea.	\$ 5,965.00
<a href="#">FLWSWCH</a>	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 279.99

**TWH 70 MBH Tankless Water Heater  
Mixing Panels with Zoning**  
**Stk# TWH070Z & TWH070XPZ**

The TWH Tankless Water Heater Mixing Panel's primary application is as a **multizone** mixing device for tankless DHW heaters.

The TWH070XPZ has a UPS 26-99 primary pump and is designed for applications where there is an extremely high flow resistance in the heat source.

The panel is pre-wired to work with an optional DHW priority switch which is mounted outside the panel.

Sequence of operation:

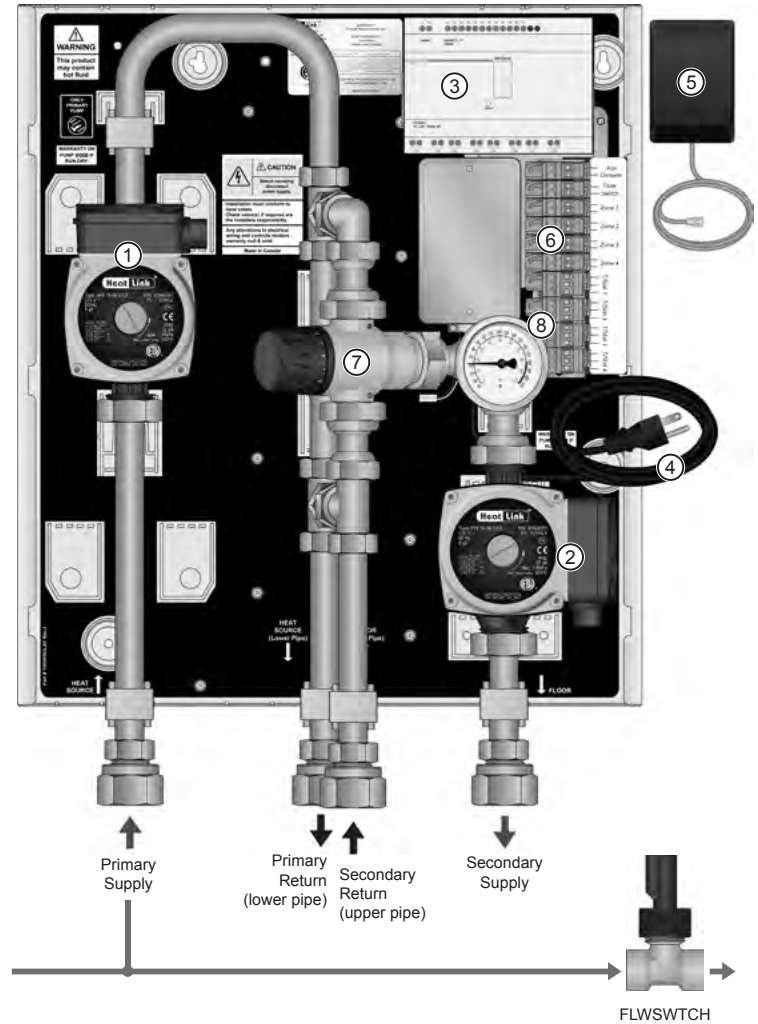
- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, both pumps turn on, and its corresponding zone actuator opens.
- As the pump moves fluid through the panel the thermostatic mixing valve adjusts the fluid temperature based on the user settings.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, and the corresponding zone actuator closes. If no other thermostats are calling for heat, the auxiliary contacts open, and the pumps stop.
- Both the primary and secondary pumps are activated, and all zone actuators open, once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.

For complete specifications, see submittal [SUBTWH000Z](#).

**Panel Components**

- ① Primary Pump with Check Valve
- ② Secondary Pump
- ③ PLC (Programmable Logic Control)
  - 24hr Timer for Potable Application
  - Auxiliary Dry Contacts for Heat Source
  - Thermostat Inputs and Actuator Outputs for 4 Zones
- ④ 120Vac 6' Power Cord
- ⑤ 24Vac Plug-in Transformer
- ⑥ Terminal Strip
- ⑦ 3-Way Thermostatic Mixing Valve
- ⑧ Thermometer
- ☑ Panel Enclosure (not shown)

TWH070Z



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">TWH070Z</a>	TWH 70MBH Tankless Water Heater Mixing Panel with Zoning	1	ea.	\$ 4,715.00
<a href="#">TWH070XPZ</a>	TWH 70MBH High Head Tankless Water Heater Mixing Panel with Zoning	1	ea.	\$ 6,624.00
<a href="#">FLWSWCH</a>	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 279.99

### HEP Isolation Heat Exchanger Panels HEP Series

The main application of the HEP Isolation Heat Exchanger Panel is to provide single wall isolation between a DHW tank and a heating system. This panel is *not* a temperature control device. The secondary water temperature is wholly dependent on the temperature of the primary supply water.

The panel is pre-wired to work with an optional DHW priority switch which is mounted outside the panel.

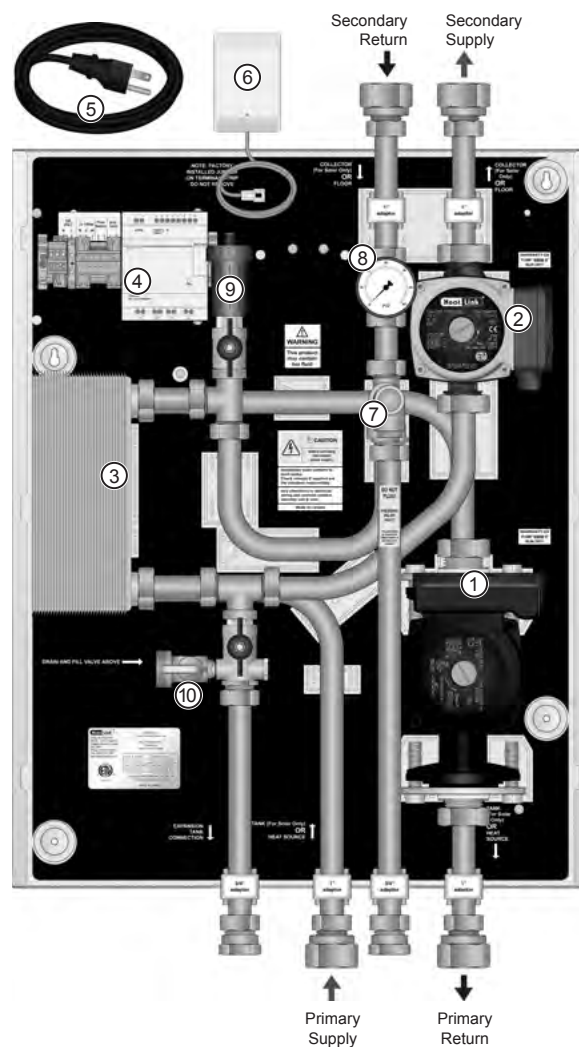
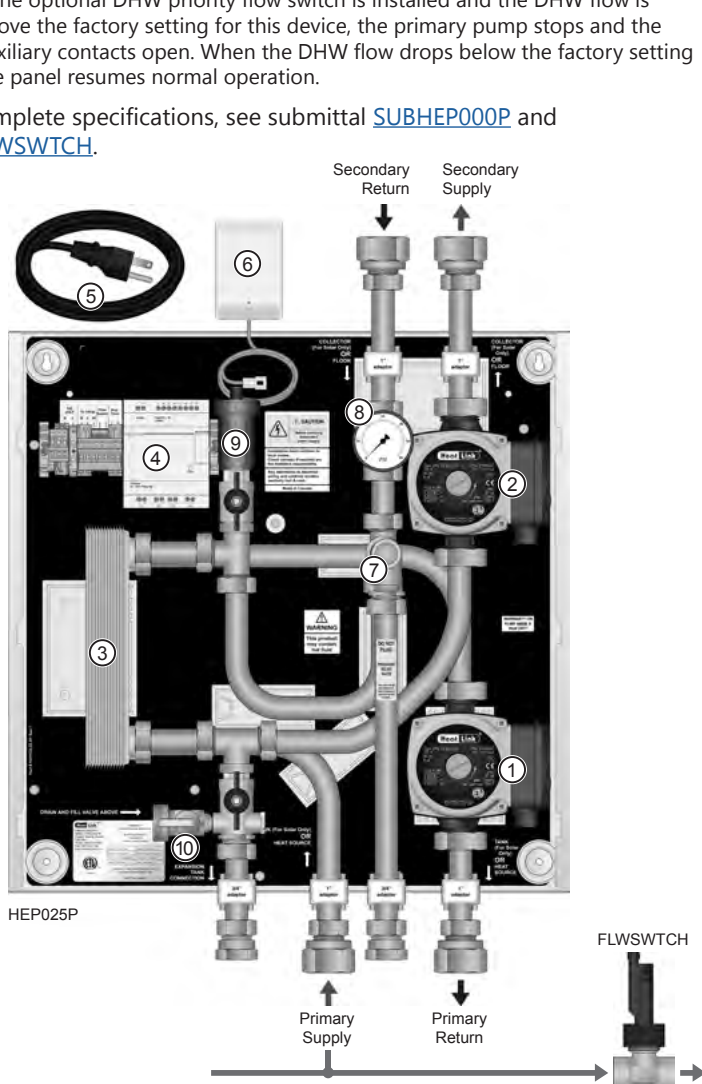
Sequence of operation:

- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and both pumps turn on.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the pumps stop.
- Both the primary and secondary pumps are activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.
- If the optional DHW priority flow switch is installed and the DHW flow is above the factory setting for this device, the primary pump stops and the auxiliary contacts open. When the DHW flow drops below the factory setting the panel resumes normal operation.

For complete specifications, see submittal [SUBHEP000P](#) and [SUBFLWSWITCH](#).

### Panel Components

- ① Primary Pump
- ② Secondary Pump
- ③ Brazed Plate Heat Exchanger
- ④ PLC (Programmable Logic Control)
  - 24hr Timer for Potable Applications
- ⑤ 120Vac 6' Power Cord
- ⑥ 24Vac Plug-in Transformer
- ⑦ Pressure Relief Valve
- ⑧ Pressure Gauge
- ⑨ Automatic Air Vent
- ⑩ Drain and Fill Valve
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">HEP025P</a>	HEP 25MBH Isolation Heat Exchanger Panel	1	ea.	\$ 5,244.00
<a href="#">HEP080P</a>	HEP 80MBH Isolation Heat Exchanger Panel	1	ea.	\$ 5,697.00
<a href="#">HEP095P</a>	HEP 95MBH Isolation Heat Exchanger Panel	1	ea.	\$ 7,838.00
<a href="#">FLWSWITCH</a>	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 279.99



### HEP Isolation Heat Exchanger Panels w/ Relays HEP-R Series

The main application of the HEP Isolation Heat Exchanger Panel is to provide single wall isolation between a DHW tank and a heating system *where a 24hr timer is not required*. This panel is *not* a temperature control device; the secondary water temperature is dependent on the primary water temperature.

The panel is pre-wired to work with an optional DHW priority switch which is mounted outside the panel.

A cover for this panel is sold separately.

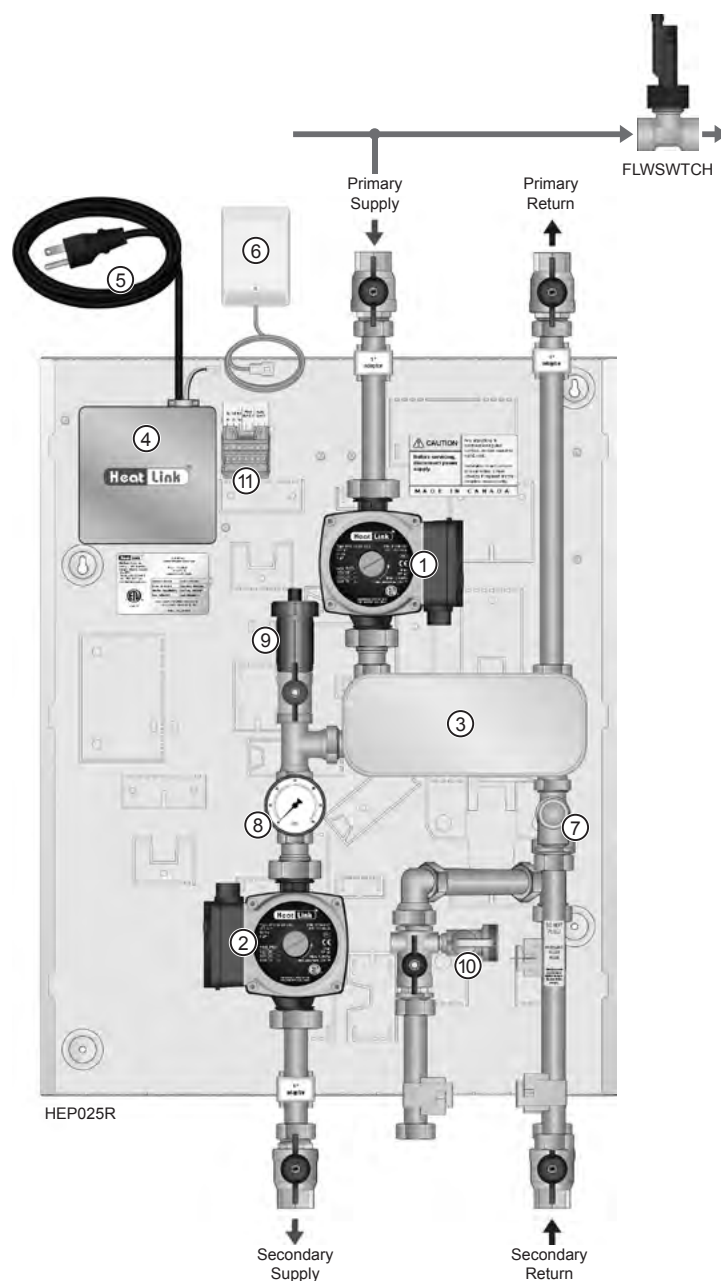
Sequence of operation:

- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and both pumps turn on.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the pumps stop.
- If the optional DHW priority flow switch is installed and the DHW flow is above the factory setting for this device, the primary pump stops and the auxiliary contacts open. When the DHW flow drops below the factory setting the panel resumes normal operation.

For complete specifications, see submittal [SUBHEP000R](#) and [SUBFLWSWITCH](#).

#### Panel Components

- ① Primary Pump
- ② Secondary Pump
- ③ Brazed Plate Heat Exchanger
- ④ Relay Box
- ⑤ 120Vac 6' Power Cord
- ⑥ 24Vac Plug-in Transformer
- ⑦ Pressure Relief Valve
- ⑧ Pressure Gauge
- ⑨ Automatic Air Vent
- ⑩ Drain and Fill Valve
- ⑪ Terminal Strip



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">HEP025R</a>	HEP 25MBH Isolation Heat Exchanger Panel Lite	1	ea.	\$ 3,828.00
<a href="#">PC2319CVR</a>	Powder Coated Cover 23"x19" for HEP025/80R/T/DP,3WMIX,4WMIX	1	ea.	\$ 334.83
<a href="#">FLWSWITCH</a>	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 279.99

### HEP Isolation Heat Exchanger Panels w/ Relays and Timer HEP-RT Series

The main application of the HEP Isolation Heat Exchanger Panel with Timer is to provide single wall isolation between a DHW tank and a heating system *where a 24hr timer is required*. This panel is *not* a temperature control device; the secondary water temperature is dependent on the primary water temperature.

The dual pump models are 2-zone panels.

The panel is pre-wired to work with an optional DHW priority switch which is mounted outside the panel.

A cover for these panels is sold separately.

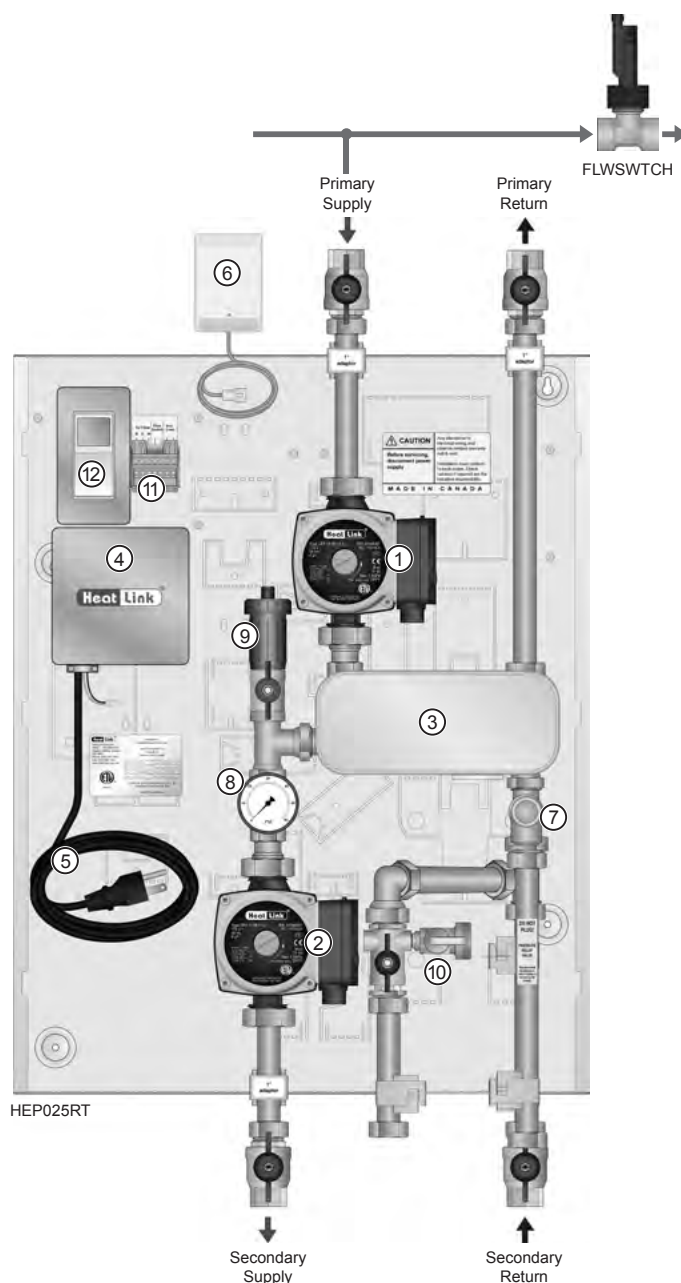
Sequence of operation:

- When a thermostat calls for heat, its internal 24V contacts close, the auxiliary terminals close, and both pumps turn on.
- When the requirements of the thermostat are met, the internal contacts of the thermostat open, the auxiliary contacts open, and the pumps stop.
- Both the primary and secondary pumps are activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.
- If the optional DHW priority flow switch is installed and the DHW flow is above the factory setting for this device, the primary pump stops and the auxiliary contacts open. When the DHW flow drops below the factory setting the panel resumes normal operation.

For complete specifications, see submittal [SUBHEP000RT](#) and [SUBFLWSWITCH](#).

#### Panel Components

- ① Primary Pump
- ② Secondary Pump
- ③ Brazed Plate Heat Exchanger
- ④ Relay Box
- ⑤ 120Vac 6' Power Cord
- ⑥ 24Vac Plug-in Transformer
- ⑦ Pressure Relief Valve
- ⑧ Pressure Gauge
- ⑨ Automatic Air Vent
- ⑩ Drain and Fill Valve
- ⑪ Terminal Strip
- ⑫ 24hr Timer



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">HEP025RT</a>	HEP 25MBH Isolation Heat Exchanger Panel Lite w/Timer	1	ea.	\$ 4,037.00
<a href="#">HEP080RT</a>	HEP 80MBH Isolation Heat Exchanger Panel Lite w/Timer	1	ea.	\$ 4,289.00
<a href="#">HEP025RTDP</a>	HEP 25MBH Isolation Heat Exchange Panel Dual Pump w/Timer	1	ea.	\$ 4,974.00
<a href="#">HEP080RTDP</a>	HEP 80MBH Isolation Heat Exchange Panel Dual Pump w/Timer	1	ea.	\$ 5,399.00
<a href="#">PC2319CVR</a>	Powder Coated Cover 23"x19" for HEP025/80R/T/DP,3WMIX,4WMIX	1	ea.	\$ 334.83
<a href="#">FLWSWITCH</a>	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 279.99



## Advantages

- Pre-engineered solutions reduce design and quotation time.
- Reliable (ETL listed, UL 508, CSA standard), exceeds highest quality standards, with multiple test procedures for electrical and mechanical system components.
- Eliminate on-site design and reduced risk of on-site errors.
- Known cost; fewer surprises.
- Reduced installation times; time is money!
- Trouble-free start-ups every time!
- Fewer call-backs.
- Compact and aesthetically pleasing.
- Easily serviced and replaceable.
- Covered by a single warranty.

## Commercial Panel Selection

These panels are intended for use in commercial, industrial, or institutional buildings.

SSP Series Panels are distribution panels with their own pump to supply radiant areas that use the same supply water temperature. Typical applications include radiant heating in conjunction with a 3WMIX or 4WMIX mixing panel, radiant cooling, and snow melting.

SST Series Panels are distribution panels with their own pump and mixing valve to supply radiant areas that each need a different supply water temperature. Typical applications include radiant heating and snow melting.

3WMIX and 4WMIX Series Panels are mixing panels that control the radiant system supply water temperature.

To select the panel that will work best for your system installation use the tables and definitions below. For additional assistance contact our technical or product support team.

Pg#	Panel Stk#	Application			Space for Meter			Secondary Pump			Mixing/Diverting Valve				Heating Control				Heating Manifold
		Metering	Radiant	High Temp	DCW	DHW	BTU	UPS 15-58	UPS 26-99	UPS 26-150	3-way Cv=3.25	3-way Cv=7.3	3-way Cv=18.7	4-way Cv=18.7	StatLink <sup>®</sup>	Outdoor Reset	BMS Contacts	Snow Melt	
<a href="#">108</a>	Metering Series	•	opt	opt	opt	opt	opt								opt				opt
<a href="#">110</a>	SSPS Series		• <sup>1</sup>	• <sup>1</sup>				•							opt		opt		•
<a href="#">110</a>	SSPL Series		• <sup>1</sup>	• <sup>1</sup>				•							opt		opt		•
<a href="#">112</a>	SSTS Series		•					•			•				opt	opt	opt	opt	•
<a href="#">114</a>	SSTL Series		•					•				•			opt	opt	opt	opt	•
<a href="#">118</a>	3WMIX		•					•					•			•			
<a href="#">118</a>	3WMIXHH		•						•				•			•			
<a href="#">118</a>	3WMIX-BMS		•					•					•				•		
<a href="#">118</a>	3WMIXHH-BMS		•						•				•				•		
<a href="#">119</a>	4WMIX		•					•						•		•			
<a href="#">119</a>	4WMIXHH		•						•					•		•			
<a href="#">119</a>	4WMIX-BMS		•					•						•			•		
<a href="#">119</a>	4WMIXHH-BMS		•						•					•			•		

## Notes

1. Heating can be either Radiant or High Temp (e.g. baseboard).

### Metering Panels

Many multi-unit buildings adopt a shared cost approach to utilities, simply because usage is metered for the entire building. Water and energy conservation is difficult when usage is unknown. Some unit owners may be paying more for what they use, and some owners may pay less.

The HeatLink Metering Panels enable developers to install hot and cold water (DHW & DCW) meters, and thermal (BTU) meters for each building unit. Each unit can then be charged and pay according to their actual water and energy usage.

There are several available models. Each panel can include:

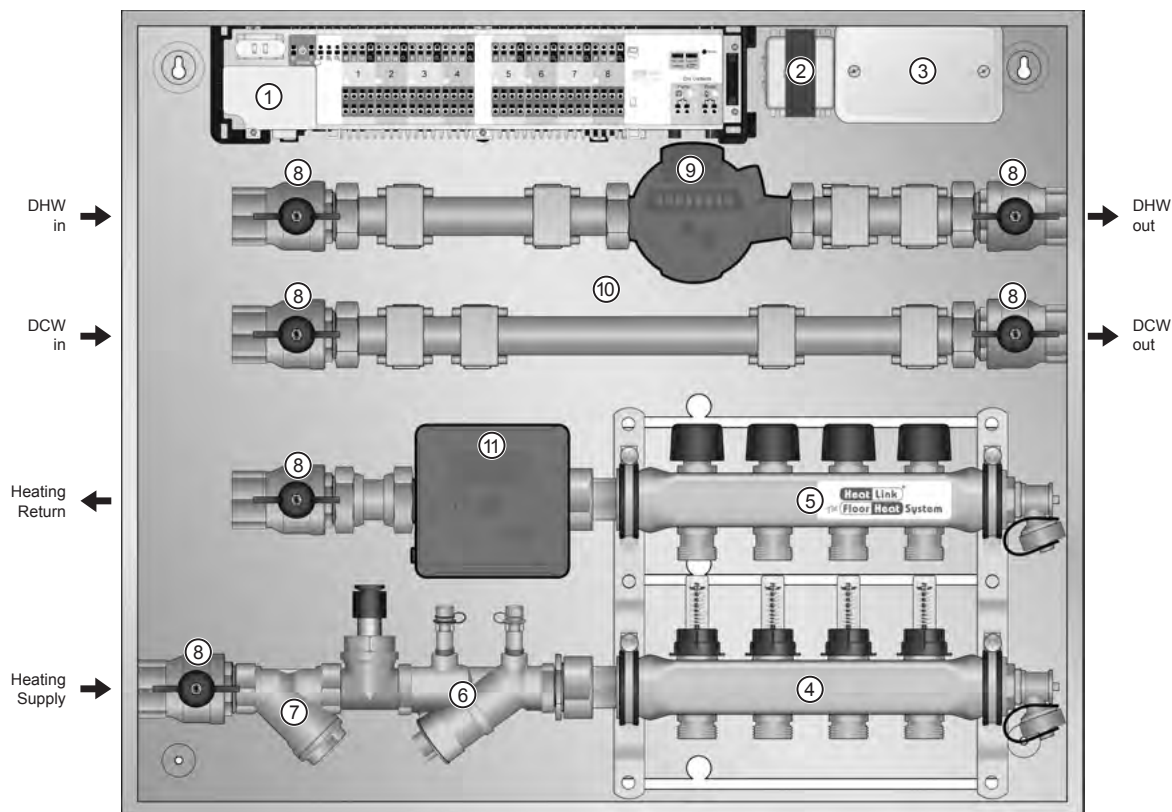
- Recessed housing with coin/screwdriver locks.
- Stainless steel manifold for heating.
- Pre-wired 24Vac transformer.
- StatLink® Module.
- Space for DCW and DHW meters.
- Space for thermal meter.
- Isolation valves.
- Auto or manual flow balancing valve.
- Strainer.

With the addition of thermostats and actuators, the manifold provides an easy way to zone hydronic heating systems. Panels are shipped with spool pieces as placeholders for third party supplied water and thermal meters.

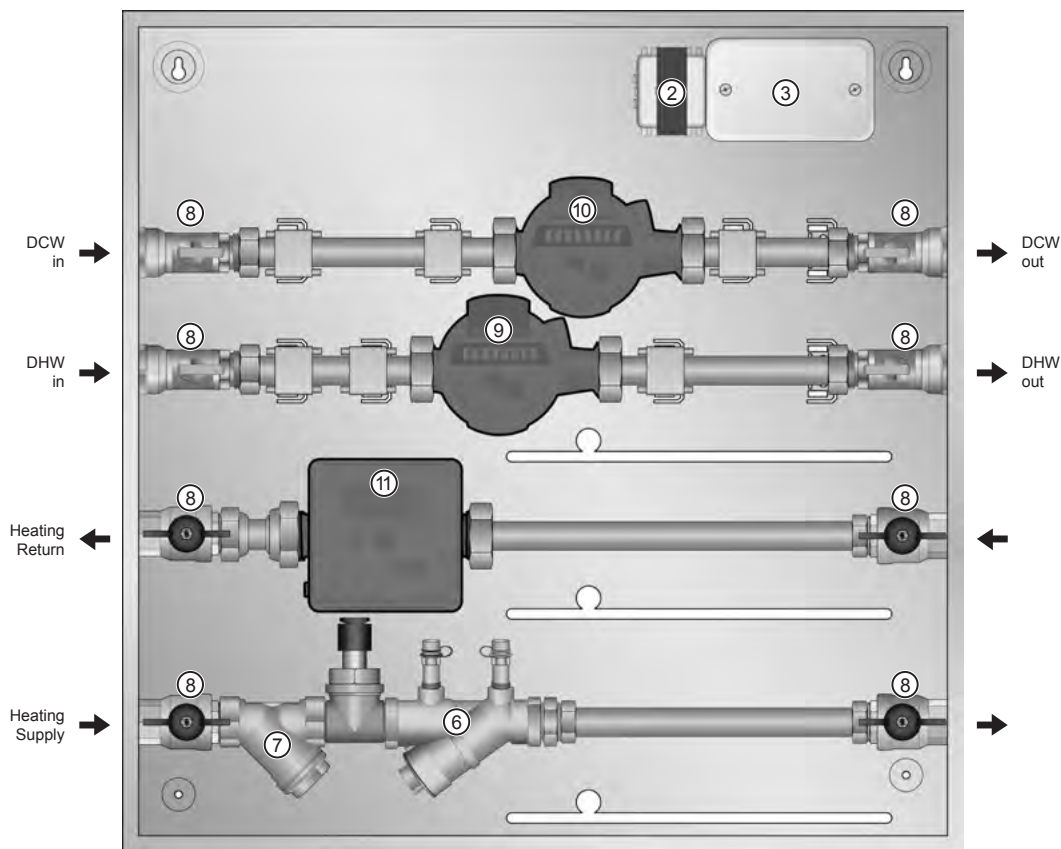
Please contact your local representative for a project quotation and technical specifications.

### Panel Components

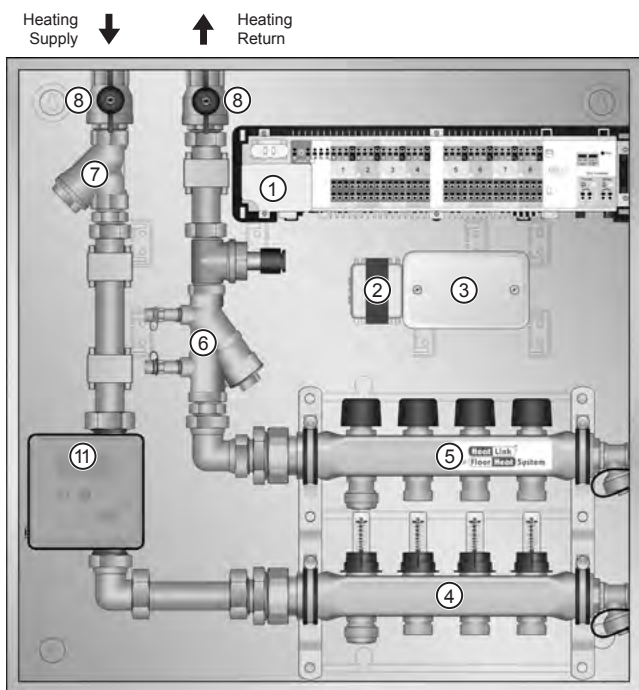
- ① StatLink® Module (optional)
- ② 24Vac Transformer
- ③ 120Vac Junction Box
- ④ Heating Supply Manifold
- ⑤ Heating Return Manifold
- ⑥ Auto Flow Balancing Valve
- ⑦ Y Strainer
- ⑧ Isolation Valve
- ⑨ Hot Water Meter (Not Included - Shown for reference only)
- ⑩ Cold Water Meter (Not Included - Shown for reference only)
- ⑪ BTU Meter (Not Included - Shown for reference only)
- ☑ Panel Cover (not shown)



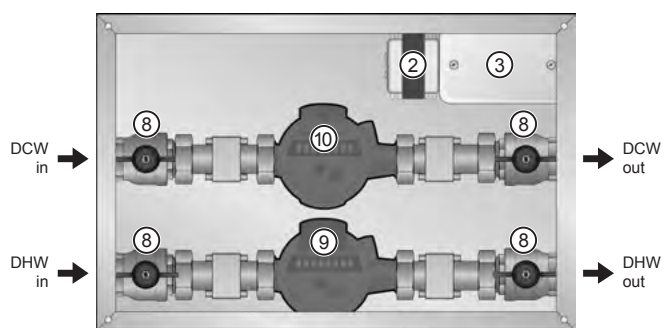
DHW, DCW, and BTU Metering with Manifold



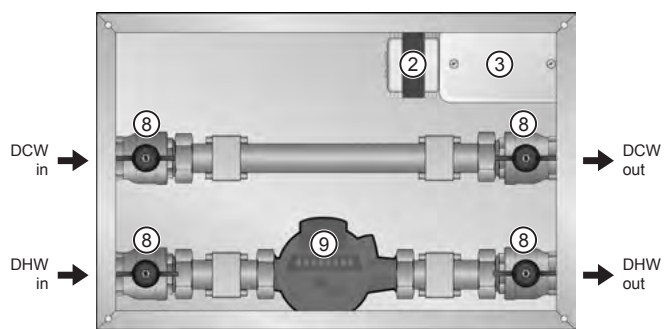
DHW, DCW, and BTU Metering



BTU Metering Top Feed Configuration



DHW and DCW Metering



DHW Metering

### SSP - Stainless Steel Manifold Pump Panels SSPxx000x Series

SSP Series Panels are distribution panels with their own pump to supply radiant areas that use the same supply water temperature. Typical applications include radiant heating in conjunction with a 3WMIX or 4WMIX mixing panel, radiant cooling, and snow melting.

The base SSP panel includes:

- Recessed or surface mount housing (skirting by others). Visible parts are made of satin coated steel that is ready to paint without priming. Recessed enclosure depth allows for mounting in a 2x6 wall.
- One key lock and one or two coin locks.
- 4, 6, 8, 10, or 12 loop 76100 series SS Manifold with Flow Meters or 76200 series High Flow SS Manifold. One loop is closed and plugged.
- Pre-wired UPS 15-58 or UPS 26-99 pump.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

One of the following control packages is required:

- StatLink® module (thermostats<sup>1</sup>):  
Add *SSASL*
- BMS (sensors by others):  
Add *SSABMS*

Optional factory installed manifold add-ons:

- Pressure activated bypass<sup>2</sup> (#76937):  
Add *SSAPB*.
- Side mount automatic air vent<sup>2</sup> (#76935):  
Add *SSAAV*.
- Actuator with LED (#56201) installed on manifold and wired to StatLink® module (SSASL required):  
Add *SSAACT* × # of loops; provide a zone summary.

Optional factory housing upgrades:

- Upgrade surface mount housing material to stainless steel:  
Add *SSASSE6* (4/6 loops) or  
Add *SSASSE10* (8/10 loops) or  
Add *SSASSE12* (12 loops).
- Upgrade surface mount housing to extended housing:  
Add *SSAEXE6* (4/6 loops) or  
Add *SSAEXE10* (8/10 loops).

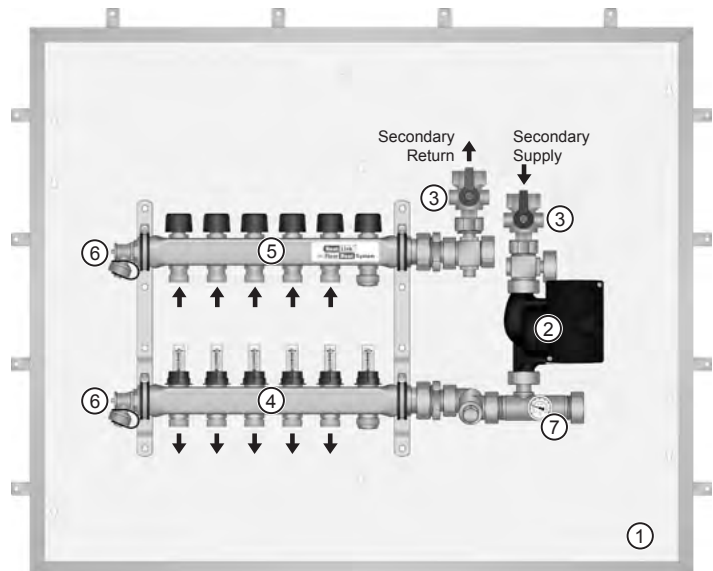
See [page 116](#) for control and add-on pricing.

For complete specifications, see submittal [SUBSSPxx000x](#).

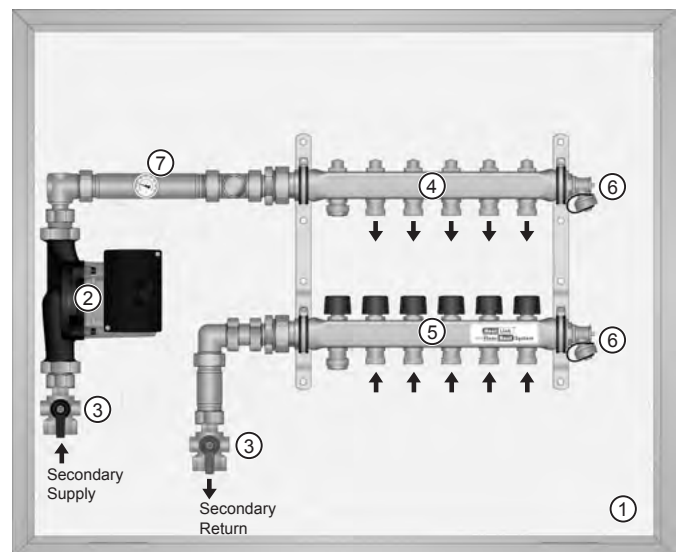
1. Thermostats are sold separately.
2. Pressure activated bypass and side mount automatic air vent are not compatible and can't be used on the same panel.

### Base Panel Components

- |                    |                   |
|--------------------|-------------------|
| ① Housing          | ⑤ Return Manifold |
| ② Pump             | ⑥ Hosebib         |
| ③ Isolation Valves | ⑦ Thermometer     |
| ④ Supply Manifold  |                   |



SSPSR106T  
Recessed housing, 6 loop 76100 series SS Manifold with Flow Meters,  
UPS 15-58 pump, top feed.



SSPLS206B  
Surface mount housing, 6 loop 76200 series High Flow SS Manifold,  
UPS 26-99 pump, bottom feed.

Pricing is for base SSP panel only. One control selection is required. See [page 116](#) for control and add-on pricing.

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSPSR104B</a>	SSP Recessed 4 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed	1	ea.	\$ 4,056.00
<a href="#">SSPSR104T</a>	SSP Recessed 4 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed	1	ea.	\$ 4,056.00
<a href="#">SSPSR106B</a>	SSP Recessed 6 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed	1	ea.	\$ 4,218.00
<a href="#">SSPSR106T</a>	SSP Recessed 6 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed	1	ea.	\$ 4,218.00
<a href="#">SSPSR108B</a>	SSP Recessed 8 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed	1	ea.	\$ 4,688.00
<a href="#">SSPSR108T</a>	SSP Recessed 8 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed	1	ea.	\$ 4,688.00
<a href="#">SSPSR110B</a>	SSP Recessed 10 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed	1	ea.	\$ 4,916.00
<a href="#">SSPSR110T</a>	SSP Recessed 10 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed	1	ea.	\$ 4,916.00
<a href="#">SSPSR112B</a>	SSP Recessed 12 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed	1	ea.	\$ 5,158.00
<a href="#">SSPSR112T</a>	SSP Recessed 12 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed	1	ea.	\$ 5,158.00
<a href="#">SSPSS104B</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed	1	ea.	\$ 4,056.00
<a href="#">SSPSS104T</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Small Pump Panel Top Feed	1	ea.	\$ 4,056.00
<a href="#">SSPSS106B</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed	1	ea.	\$ 4,218.00
<a href="#">SSPSS106T</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Small Pump Panel Top Feed	1	ea.	\$ 4,218.00
<a href="#">SSPSS108B</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed	1	ea.	\$ 4,688.00
<a href="#">SSPSS108T</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Small Pump Panel Top Feed	1	ea.	\$ 4,688.00
<a href="#">SSPSS110B</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed	1	ea.	\$ 4,916.00
<a href="#">SSPSS110T</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Small Pump Panel Top Feed	1	ea.	\$ 4,916.00
<a href="#">SSPSS112B</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed	1	ea.	\$ 5,158.00
<a href="#">SSPSS112T</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Small Pump Panel Top Feed	1	ea.	\$ 5,158.00
<a href="#">SSPLR104B</a>	SSP Recessed 4 Loop 1-1/4" SS Man. Large Pump Panel Bot. feed	1	ea.	\$ 4,850.00
<a href="#">SSPLR104T</a>	SSP Recessed 4 Loop 1-1/4" SS Man. Large Pump Panel Top feed	1	ea.	\$ 4,850.00
<a href="#">SSPLR106B</a>	SSP Recessed 6 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,010.00
<a href="#">SSPLR106T</a>	SSP Recessed 6 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,010.00
<a href="#">SSPLR108B</a>	SSP Recessed 8 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,482.00
<a href="#">SSPLR108T</a>	SSP Recessed 8 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,482.00
<a href="#">SSPLR110B</a>	SSP Recessed 10 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,708.00
<a href="#">SSPLR110T</a>	SSP Recessed 10 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,708.00
<a href="#">SSPLR112B</a>	SSP Recessed 12 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,948.00
<a href="#">SSPLR112T</a>	SSP Recessed 12 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,948.00
<a href="#">SSPLS104B</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 4,850.00
<a href="#">SSPLS104T</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 4,850.00
<a href="#">SSPLS106B</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,010.00
<a href="#">SSPLS106T</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,010.00
<a href="#">SSPLS108B</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,482.00
<a href="#">SSPLS108T</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,482.00
<a href="#">SSPLS110B</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,708.00
<a href="#">SSPLS110T</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,708.00
<a href="#">SSPLS112B</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,948.00
<a href="#">SSPLS112T</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,948.00
<a href="#">SSPLS204B</a>	SSP SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 4,742.00
<a href="#">SSPLS204T</a>	SSP SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 4,742.00
<a href="#">SSPLS206B</a>	SSP SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 4,928.00
<a href="#">SSPLS206T</a>	SSP SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 4,928.00
<a href="#">SSPLS208B</a>	SSP SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,385.00
<a href="#">SSPLS208T</a>	SSP SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,385.00
<a href="#">SSPLS210B</a>	SSP SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,597.00
<a href="#">SSPLS210T</a>	SSP SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,597.00
<a href="#">SSPLS212B</a>	SSP SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,827.00
<a href="#">SSPLS212T</a>	SSP SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,827.00



### SSTS - Stainless Steel Manifold Mixing Panels with Small Pump

#### SSTSx000x Series

SST Series Panels are distribution panels with their own pump and mixing valve to supply radiant areas that each need a different supply water temperature. Typical applications include radiant heating and snow melting.

The base SSTS panel includes:

- Recessed or surface mount housing (skirting by others). Visible parts are made of satin coated steel that is ready to paint without priming. Recessed enclosure depth allows for mounting in a 2x6 wall.
- One key lock and one or two coin locks.
- 4, 6, 8, 10, or 12 loop 76100 series SS Manifold with Flow Meters or 76200 series High Flow SS Manifold. One loop is closed and plugged.
- 3-way mixing valve.
- Pre-wired UPS 15-58 pump.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

One of the following control packages is required:

- StatLink® module (thermostats<sup>1</sup>) with thermostatic head: Add *SSASL* and *SSATH*.
- StatLink® module (thermostats<sup>1</sup>) with outdoor reset control: Add *SSASL*, *SSAMRC*, and *SSADDC*.
- BMS (sensors by others): Add *SSABMS* and *SSADDC*.
- Snow melt control<sup>2</sup> (#SMCP): Add *SSASM* and *SSADDC*.
- Snow melt control with BACnet<sup>3</sup> (#31680): Add *SSASMBAC* and *SSADDC*.

Optional factory installed manifold add-ons:

- Pressure activated bypass<sup>4</sup> (#76937): Add *SSAPB*.
- Side mount automatic air vent<sup>4</sup> (#76935): Add *SSAAV*.
- Actuator with LED (#56201) installed on manifold and wired to StatLink® module (*SSASL* required): Add *SSAACT* x # of loops; provide a zone summary.

Optional factory housing upgrades:

- Upgrade surface mount housing material to stainless steel: Add *SSASSE6* (4/6 loops) or Add *SSASSE10* (8/10 loops) or Add *SSASSE12* (12 loops).
- Upgrade surface mount housing to extended housing: Add *SSAEXE6* (4/6 loops) or Add *SSAEXE10* (8/10 loops).

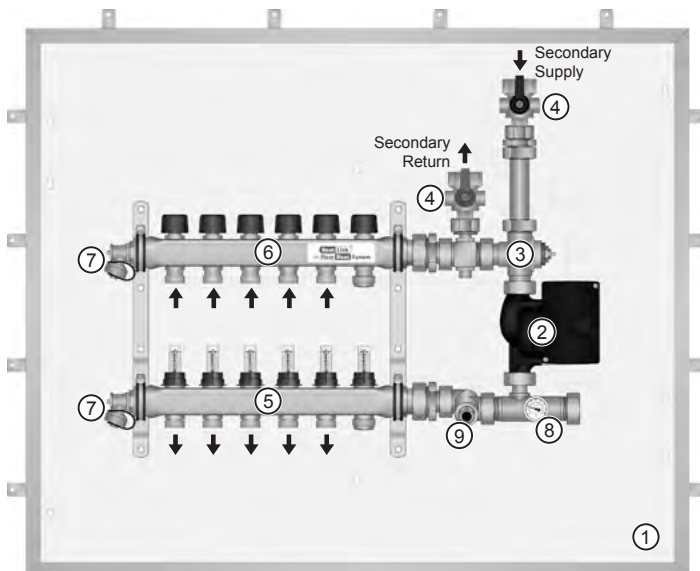
See [page 116](#) for control and add-on pricing.

For complete specifications, see submittal [SUBSSTxx000x](#).

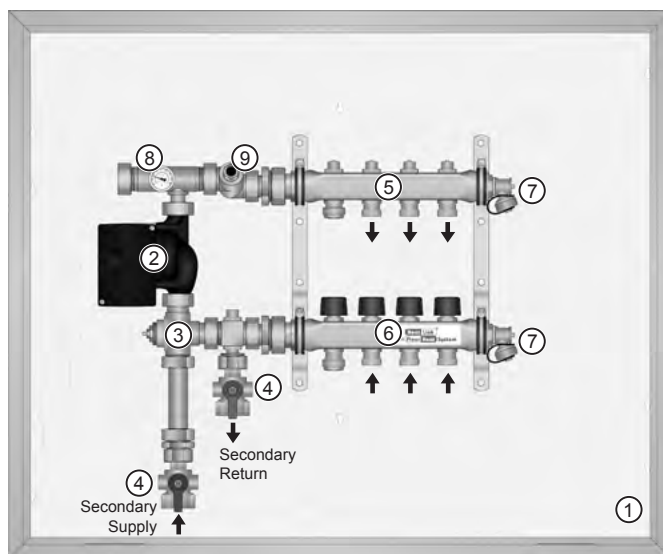
1. Thermostats are sold separately.
2. Only available for 4 loop high flow manifold. Snow/Ice Detector DRVWSNS-SS sold separately.
3. Only available for 4 loop high flow manifold. Snow/Ice Detector 30090/91 sold separately.
4. Pressure activated bypass and side mount automatic air vent are not compatible and can't be used on the same panel.

### Base Panel Components

- |                      |                   |
|----------------------|-------------------|
| ① Housing            | ⑥ Return Manifold |
| ② Pump               | ⑦ Hosebib         |
| ③ 3-Way Mixing Valve | ⑧ Thermometer     |
| ④ Isolation Valves   | ⑨ Sensor Well     |
| ⑤ Supply Manifold    |                   |



SSTSR106T  
Recessed housing, 6 loop 76100 series SS Manifold with Flow Meters, UPS 15-58 pump, top feed.



SSTSS204B  
Surface mount housing, 4 loop 76200 series High Flow SS Manifold, UPS 15-58 pump, bottom feed.



Pricing is for base SSTS panel only. One control selection is required. See [page 116](#) for control and add-on pricing.

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSTSR104B</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed	1	ea.	\$ 4,508.00
<a href="#">SSTSR104T</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 4,508.00
<a href="#">SSTSR106B</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed	1	ea.	\$ 4,670.00
<a href="#">SSTSR106T</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 4,670.00
<a href="#">SSTSR108B</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed	1	ea.	\$ 5,138.00
<a href="#">SSTSR108T</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 5,138.00
<a href="#">SSTSR110B</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed	1	ea.	\$ 5,364.00
<a href="#">SSTSR110T</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 5,364.00
<a href="#">SSTSR112B</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed	1	ea.	\$ 5,608.00
<a href="#">SSTSR112T</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 5,608.00
<a href="#">SSTSR204B</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Bot. Feed	1	ea.	\$ 4,649.00
<a href="#">SSTSR204T</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 4,649.00
<a href="#">SSTSS104B</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed	1	ea.	\$ 4,508.00
<a href="#">SSTSS104T</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed	1	ea.	\$ 4,508.00
<a href="#">SSTSS106B</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed	1	ea.	\$ 4,670.00
<a href="#">SSTSS106T</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed	1	ea.	\$ 4,670.00
<a href="#">SSTSS108B</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed	1	ea.	\$ 5,138.00
<a href="#">SSTSS108T</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed	1	ea.	\$ 5,138.00
<a href="#">SSTSS110B</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed	1	ea.	\$ 5,364.00
<a href="#">SSTSS110T</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed	1	ea.	\$ 5,364.00
<a href="#">SSTSS112B</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed	1	ea.	\$ 5,608.00
<a href="#">SSTSS112T</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed	1	ea.	\$ 5,608.00
<a href="#">SSTSS204B</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Bot. Feed	1	ea.	\$ 4,649.00
<a href="#">SSTSS204T</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Top Feed	1	ea.	\$ 4,649.00

### SSTL - Stainless Steel Manifold Mixing Panels with Large Pump SSTLx000x Series

SST Series Panels are distribution panels with their own pump and mixing valve to supply radiant areas that each need a different supply water temperature. Typical applications include radiant heating and snow melting.

The base SSTL panel includes:

- Recessed or surface mount housing (skirting by others). Visible parts are made of satin coated steel that is ready to paint without priming. Recessed enclosure depth allows for mounting in a 2×6 wall.
- One key lock and one or two coin locks.
- 4, 6, 8, 10, or 12 loop 76100 series SS Manifold with Flow Meters or 76200 series High Flow SS Manifold. One loop is closed and plugged.
- 3-way rotary diverting valve.
- Pre-wired UPS 26-99 pump.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

One of the following control packages is required:

- StatLink® module (thermostats<sup>1</sup>) with outdoor reset control: Add *SSASL*, *SSAMRC*, and *SSAMXM*.
- BMS (sensors by others): Add *SSABMS* and *SSAMXMDDC*.
- Snow melt control<sup>2</sup> (#SMCP): Add *SSASM* and *SSAMXMDDC*.
- Snow melt control with BACnet<sup>3</sup> (#31680): Add *SSASMBAC* and *SSAMXM*.

Optional factory installed manifold add-ons:

- Pressure activated bypass<sup>4</sup> (#76937): Add *SSAPB*.
- Side mount automatic air vent<sup>4</sup> (#76935): Add *SSAAV*.
- Actuator with LED (#56201) installed on manifold and wired to StatLink® module (*SSASL* required): Add *SSAACT* × # of loops; provide a zone summary.

Optional factory housing upgrades:

- Upgrade surface mount housing material to stainless steel: Add *SSASSE6* (4/6 loops) or Add *SSASSE10* (8/10 loops) or Add *SSASSE12* (12 loops).
- Upgrade surface mount housing to extended housing: Add *SSAEXE6* (4/6 loops) or Add *SSAEXE10* (8/10 loops).

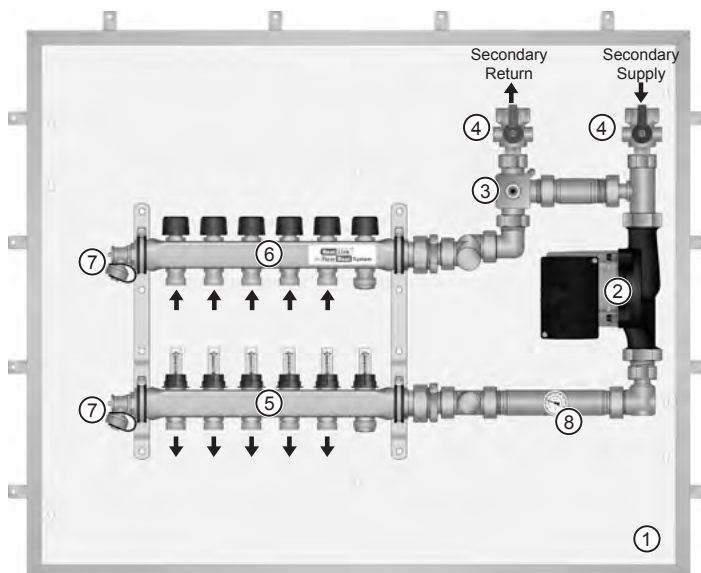
See [page 116](#) for control and add-on pricing.

For complete specifications, see submittal [SUBSSTxx000x](#).

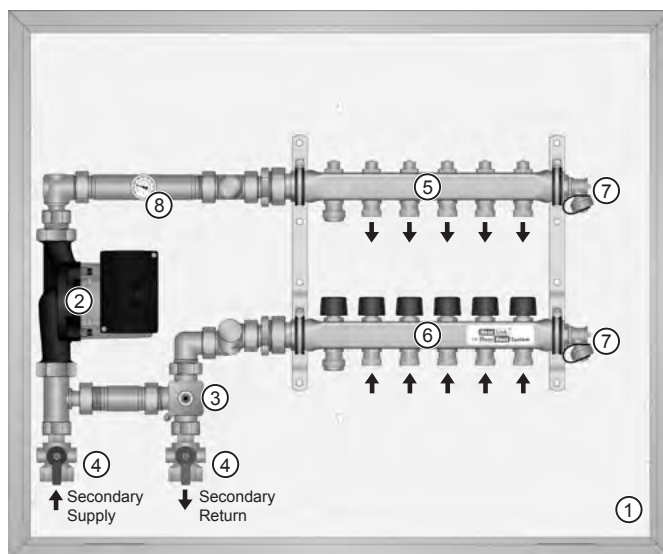
1. Thermostats are sold separately.
2. Snow/Ice Detector DRVWSNS-SS sold separately.
3. Snow/Ice Detector 30090/91 sold separately.
4. Pressure activated bypass and side mount automatic air vent are not compatible and can't be used on the same panel.

### Base Panel Components

- |                         |                   |
|-------------------------|-------------------|
| ① Housing               | ⑥ Return Manifold |
| ② Pump                  | ⑦ Hosebib         |
| ③ 3-Way Diverting Valve | ⑧ Thermometer     |
| ④ Isolation Valves      |                   |
| ⑤ Supply Manifold       |                   |



SSTLR106T  
Recessed housing, 6 loop 76100 series SS Manifold with Flow Meters, UPS 26-99 pump, top feed.



SSTLS206B  
Surface mount housing, 6 loop 76200 series High Flow SS Manifold, UPS 26-99 pump, bottom feed.

Pricing is for base SSTL panels only. One control selection is required. See [page 116](#) for control and add-on pricing.

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSTLR104B</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed	1	ea.	\$ 5,263.00
<a href="#">SSTLR104T</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed	1	ea.	\$ 5,263.00
<a href="#">SSTLR106B</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed	1	ea.	\$ 5,423.00
<a href="#">SSTLR106T</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed	1	ea.	\$ 5,423.00
<a href="#">SSTLR108B</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed	1	ea.	\$ 5,889.00
<a href="#">SSTLR108T</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed	1	ea.	\$ 5,889.00
<a href="#">SSTLR110B</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed	1	ea.	\$ 6,121.00
<a href="#">SSTLR110T</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed	1	ea.	\$ 6,121.00
<a href="#">SSTLR112B</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed	1	ea.	\$ 6,363.00
<a href="#">SSTLR112T</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed	1	ea.	\$ 6,363.00
<a href="#">SSTLR204B</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,403.00
<a href="#">SSTLR204T</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,403.00
<a href="#">SSTLR206B</a>	SST Recessed 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,599.00
<a href="#">SSTLR206T</a>	SST Recessed 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,599.00
<a href="#">SSTLR208B</a>	SST Recessed 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,794.00
<a href="#">SSTLR208T</a>	SST Recessed 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,794.00
<a href="#">SSTLR210B</a>	SST Recessed 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 6,008.00
<a href="#">SSTLR210T</a>	SST Recessed 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 6,008.00
<a href="#">SSTLR212B</a>	SST Recessed 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 6,239.00
<a href="#">SSTLR212T</a>	SST Recessed 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 6,239.00
<a href="#">SSTLS104B</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed	1	ea.	\$ 5,263.00
<a href="#">SSTLS104T</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed	1	ea.	\$ 5,263.00
<a href="#">SSTLS106B</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed	1	ea.	\$ 5,423.00
<a href="#">SSTLS106T</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed	1	ea.	\$ 5,423.00
<a href="#">SSTLS108B</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed	1	ea.	\$ 5,889.00
<a href="#">SSTLS108T</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed	1	ea.	\$ 5,889.00
<a href="#">SSTLS110B</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed	1	ea.	\$ 6,121.00
<a href="#">SSTLS110T</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed	1	ea.	\$ 6,121.00
<a href="#">SSTLS112B</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed	1	ea.	\$ 6,363.00
<a href="#">SSTLS112T</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed	1	ea.	\$ 6,363.00
<a href="#">SSTLS204B</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,403.00
<a href="#">SSTLS204T</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,403.00
<a href="#">SSTLS206B</a>	SST SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,599.00
<a href="#">SSTLS206T</a>	SST SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,599.00
<a href="#">SSTLS208B</a>	SST SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 5,794.00
<a href="#">SSTLS208T</a>	SST SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 5,794.00
<a href="#">SSTLS210B</a>	SST SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 6,008.00
<a href="#">SSTLS210T</a>	SST SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 6,008.00
<a href="#">SSTLS212B</a>	SST SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed	1	ea.	\$ 6,239.00
<a href="#">SSTLS212T</a>	SST SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed	1	ea.	\$ 6,239.00

Pricing is for SSP and SST panel add-ons. See previous pages for base panel pricing.

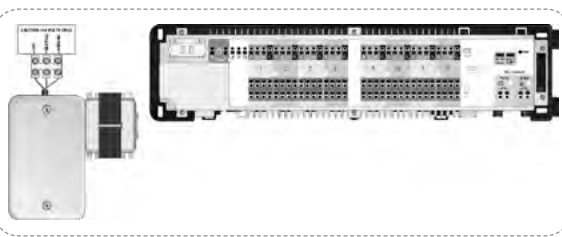
### SSP/SST Control Add-ons

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSABMS</a>	Installed Wiring for BMS in SSP/SST Panel	1	ea.	\$ 235.00
<a href="#">SSADDC</a>	Installed DDC Actuator 56121 on Mixing Valve in SST Panel	1	ea.	\$ 367.00
<a href="#">SSAMRC</a>	Installed Outdoor Reset Control 31355 in SST Panel	1	ea.	\$ 1,239.00
<a href="#">SSAMXM</a>	Installed Floating Action Mixing Valve Motor 58131 in SST Panel	1	ea.	\$ 1,211.00
<a href="#">SSAMXDDC</a>	Installed DDC Mixing Valve Motor 58132 in SST Panel	1	ea.	\$ 1,317.00
<a href="#">SSASL</a>	Installed StatLink® Module 40318 in SSP/SST Panel	1	ea.	\$ 662.00
<a href="#">SSASM</a>	Installed Snow Melt Control SMCP in SST Panel (DRVWSNS-SS sold sep)	1	ea.	\$ 2,873.00
<a href="#">SSASMBAC</a>	Installed Snow Melt Control 31680 in SST Panel (30090/91 sold sep)	1	ea.	\$ 10,977.00
<a href="#">SSATH</a>	Installed Thermostatic Head 57094 on Mixing Valve in SST Panel	1	ea.	\$ 694.00

SSABMS



SSASL



SSAMRC



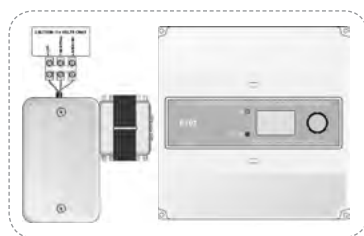
SSATH



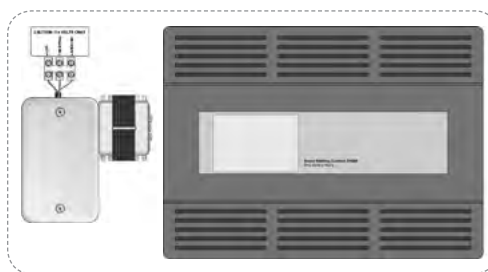
SSADDC



SSASM



SSASMBAC



SSAMXM

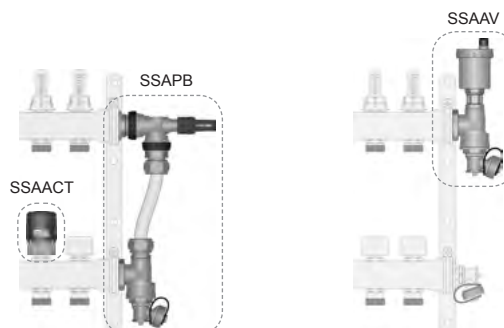


SSAMXDDC



### SSP/SST Manifold Add-ons

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSAACT</a>	Actuator Mounted on Manifold and Wired to StatLink® in SSP/SST Panel	1	ea.	\$ 183.00
<a href="#">SSAAV</a>	Installed Side Mount Auto Air Vent 76935 on Manifold in SSP/SST Panel	1	ea.	\$ 181.00
<a href="#">SSAPB</a>	Installed Pressure Bypass 76937 on Manifold in SSP/SST Panel	1	ea.	\$ 740.00



Pricing is for SSP and SST panel add-ons. See previous pages for base panel pricing.

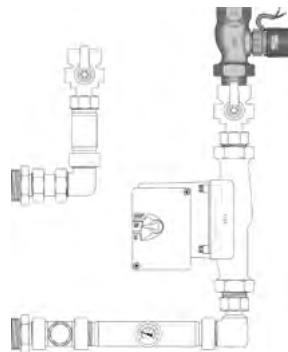
### SSP Piping Add-ons

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSACST</a>	Installed Closely Spaced Tees in SSP Panel	1	ea.	\$ 192.00
<a href="#">SSAIZV</a>	SSP Panel Auto Isolation Zone Valve	1	ea.	\$ 353.00

SSACST



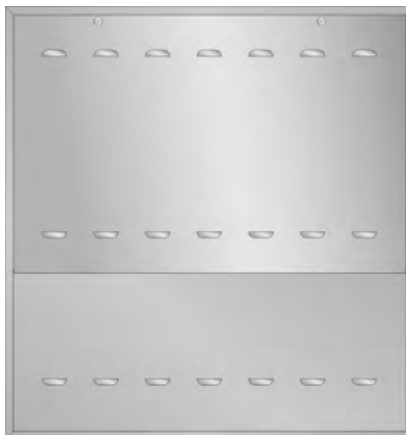
SSAIZV



### SSP/SST Housing Upgrades

Stk#	Description	Qty	Unit	List Price / Unit
<a href="#">SSASSE6</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 4/6 Loop	1	ea.	\$ 2,852.00
<a href="#">SSASSE10</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 8/10 Loop	1	ea.	\$ 2,964.00
<a href="#">SSASSE12</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 12 Loop	1	ea.	\$ 3,365.00
<a href="#">SSAEXE6</a>	Upgrade SSP/SST Surface Mount Housing to Extended 4/6 Loop	1	ea.	\$ 753.00
<a href="#">SSAEXE10</a>	Upgrade SSP/SST Surface Mount Housing to Extended 8/10 Loop	1	ea.	\$ 931.00

SSAEXE10



### 3WMIX 3-Way Mixing Panels 3WMIX Series

These standalone panels provide outdoor reset control with a secondary pump, 3-way rotary mixing valve, and 3-point floating mixing valve motor. BMS versions have no control and terminal strips for the pump and DDC mixing valve motor.

#### Sequence of operation (Outdoor Reset):

- When the panel receives a heat demand, the 31355 control is activated.
- If the control is not in Warm Weather Shut Down, the control operates the mixing valve, boiler, and pump to maintain an outdoor reset mix target temperature at the mix supply sensor.
- When the heat demand is removed, the control will close the mixing valve, open the boiler contacts, and stop the pump after the purge time.
- If the pump has not run in the past 3 days, the pump will run for 10 seconds.
- If the mixing valve has not operated its full stroke in the past 3 days, the control will operate the valve to the fully open position and then back to the fully closed position.

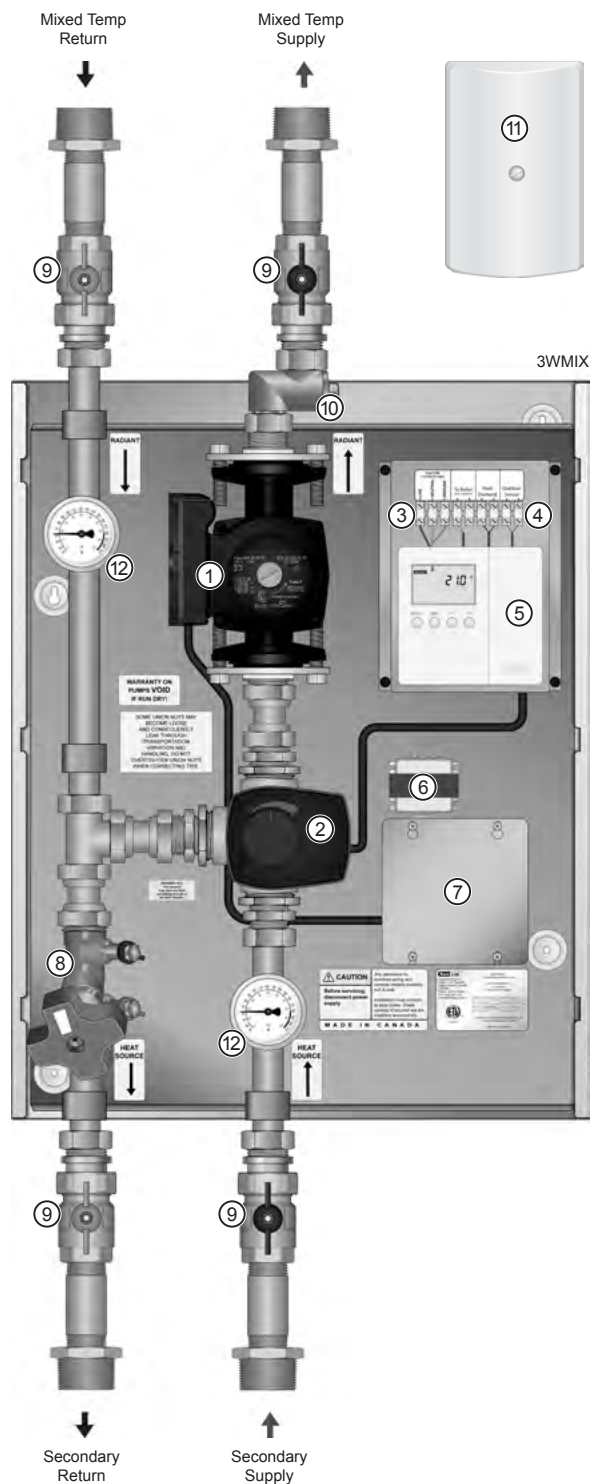
#### Sequence of operation (BMS):

- When the pump terminal block receives 120Vac power, the secondary pump will turn on and circulate the system water.
- The mixing valve motor will open or close the valve to adjust the supply water temperature according to input received at the mixing valve motor terminal block.

For complete specifications, see submittal [SUB3WMIX](#) or [SUB3WMIX-BMS](#).

#### Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Motor
- ③ 120Vac Terminal Strip
- ④ 24Vac Terminal Strip
- ⑤ HeatLink® #31355 Compact Mixing Control
- ⑥ 24Vac Transformer
- ⑦ Relay/Electrical Box
- ⑧ Balancing Valve
- ⑨ Isolation Valves
- ⑩ Supply Sensor (in well)
- ⑪ Outdoor Sensor
- ⑫ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">3WMIX</a>	3-Way Mixing Panel 1-1/4" 26-99 Pump	1	ea.	\$ 7,996.00
<a href="#">3WMIXHH</a>	3-Way Mixing Panel 1-1/4" 26-150 Pump	1	ea.	\$ 9,413.00
<a href="#">3WMIX-BMS</a>	3-Way Mixing Panel 1-1/4" 26-99 Pump BMS	1	ea.	\$ 6,542.00
<a href="#">3WMIXHH-BMS</a>	3-Way Mixing Panel 1-1/4" 26-150 Pump BMS	1	ea.	\$ 8,613.00



### 4WMIX 4-Way Mixing Panels 4WMIX Series

These standalone panels provide outdoor reset control with a secondary pump, 4-way rotary mixing valve, and 3-point floating mixing valve motor. BMS versions have no control and terminal strips for the pump and DDC mixing valve motor.

#### Sequence of operation (Outdoor Reset):

- When the panel receives a heat demand, the 31355 control is activated.
- If the control is not in Warm Weather Shut Down, the control operates the mixing valve, boiler, and pump to maintain an outdoor reset mix target temperature at the mix supply sensor.
- When the heat demand is removed, the control will close the mixing valve, open the boiler contacts, and stop the pump after the purge time.
- If the pump has not run in the past 3 days, the pump will run for 10 seconds.
- If the mixing valve has not operated its full stroke in the past 3 days, the control will operate the valve to the fully open position and then back to the fully closed position.

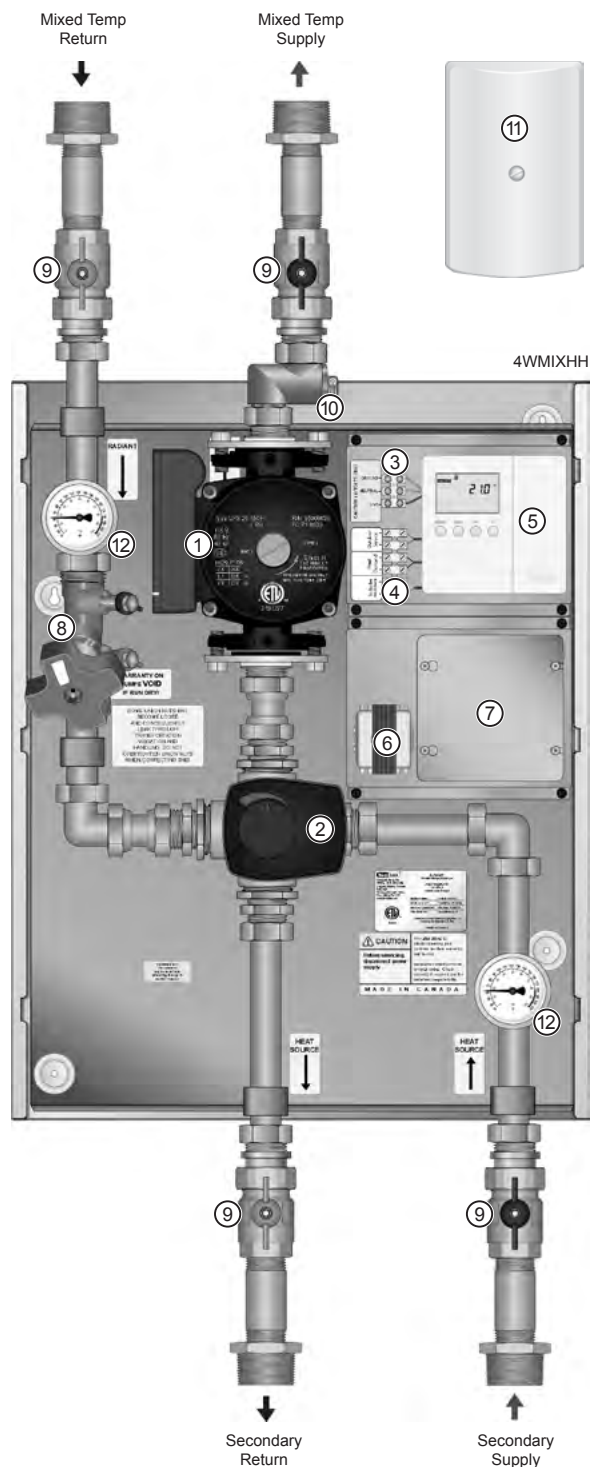
#### Sequence of operation (BMS):

- When the pump terminal block receives 120Vac power, the secondary pump will turn on and circulate the system water.
- The mixing valve motor will open or close the valve to adjust the supply water temperature according to input received at the mixing valve motor terminal block.

For complete specifications, see submittal [SUB4WMIX](#) or [SUB4WMIX-BMS](#).

#### Panel Components

- ① Secondary Pump
- ② 4-Way Mixing Valve and Motor
- ③ 120Vac Terminal Strip
- ④ 24Vac Terminal Strip
- ⑤ HeatLink® #31355 Compact Mixing Control
- ⑥ 24Vac Transformer
- ⑦ Relay/Electrical Box
- ⑧ Balancing Valve
- ⑨ Isolation Valves
- ⑩ Supply Sensor (in well)
- ⑪ Outdoor Sensor
- ⑫ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">4WMIX</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump	1	ea.	\$ 7,996.00
<a href="#">4WMIX-BMS</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump BMS	1	ea.	\$ 6,542.00
<a href="#">4WMIXHH</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump	1	ea.	\$ 9,413.00
<a href="#">4WMIXHH-BMS</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump BMS	1	ea.	\$ 8,613.00

## Advantages

- Pre-engineered solutions reduce design and quotation time.
- Reliable (ETL listed, UL 508, CSA standard), exceeds highest quality standards, with multiple test procedures for electrical and mechanical system components.
- Eliminate on-site design and reduced risk of on-site errors.
- Known cost; fewer surprises.
- Reduced installation times; time is money!
- Trouble-free start-ups every time!
- Fewer call-backs.
- Compact and aesthetically pleasing.
- Easily serviced and replaceable.
- Covered by a single warranty.

## Snow Melt Panel Selection

These panels are intended for use in snow melt systems. All panels include the HeatLink® Snow Melt Control Package (#SMCP; [page 79](#)). Alternate controls or BMS versions are available. Snow/Ice Detector sold separately.

To select the panel that will work best for your system installation use the tables and definitions below. For additional assistance contact our technical or product support team.

Pg#	Panel Stk#	Nominal Output (MBH)	Heat Exchangers		Primary Pump	Secondary Pump			Mixing/Diverting Valve			BACnet Option
			3×8-20	3×8-30	UPS 26-99	UPS 26-99	UPS 26-150	UP 43-110	3-way Cv=11.7	3-way Cv=18.7	4-way Cv=18.7	
<a href="#">121</a>	3WMIX-SMCP					•				•		
<a href="#">121</a>	3WMIXHH-SMCP						•			•		
<a href="#">122</a>	4WMIX-SMCP					•					•	
<a href="#">122</a>	4WMIXHH-SMCP						•				•	
<a href="#">123</a>	4WMIX-SMCP-BAC					•					•	•
<a href="#">123</a>	4WMIX-HH-SMCP-BAC						•				•	•
<a href="#">124</a>	SMP375SS	300			•	•			•			•
<a href="#">124</a>	SMP375SSH	375			•		•		•			•
<a href="#">125</a>	SMP175SS-HEX	175	2		•	•			•			•
<a href="#">125</a>	SMP300SS-HEX	300		2	•	•			•			•
<a href="#">125</a>	SMP300SS-HEX-H	365		3	•		•		•			•
<a href="#">126</a>	SMP400D	400						•		•		•
<a href="#">127</a>	SMP335	335	4					•		•		•
<a href="#">127</a>	SMP425	425		4				•		•		•

### 3WMIX-SMCP 3-Way Mixing Panels w/ Snow Melt Control 3WMIX-SMCP Series

These Snow Melt Panels are operation centers for fully automatic snow melt systems. They can be used for snow melt systems with a dedicated heat source (e.g. a boiler or other non-DHW appliance), or a non-dedicated heat source with a heat exchanger.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

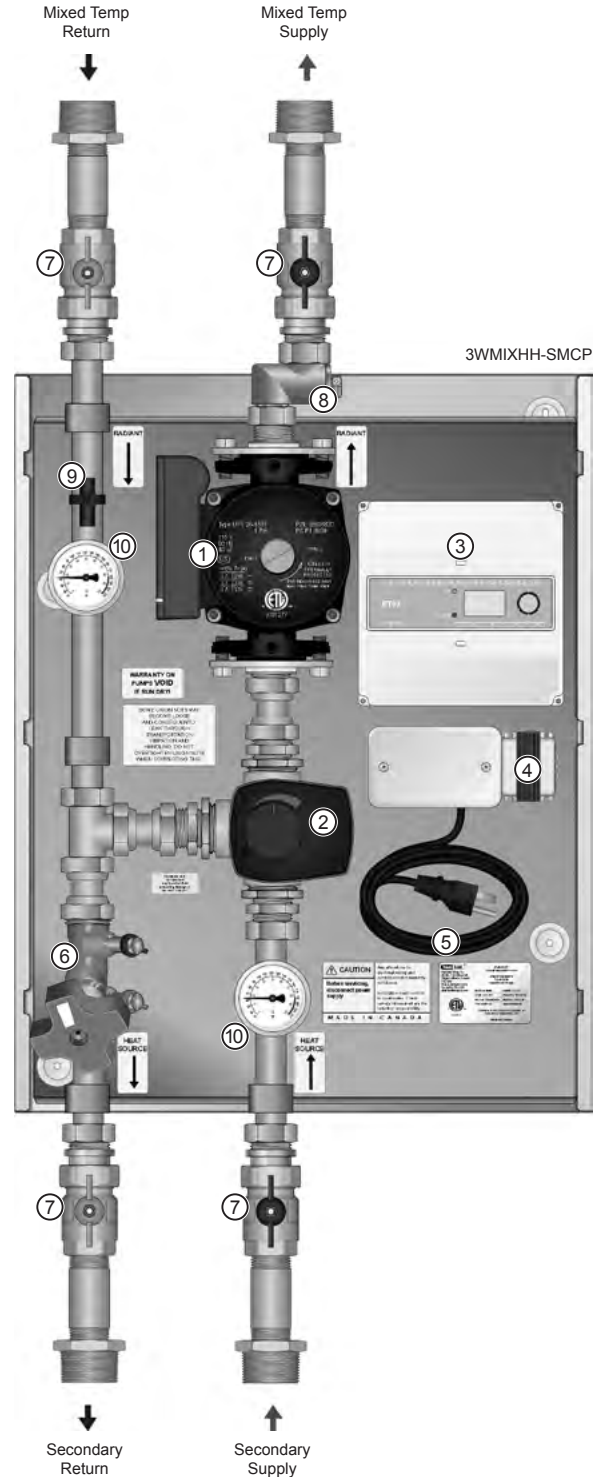
#### Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Secondary Pump for 1 minute every 15 minutes to check the return water temperature. If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.
- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUB3WMIX-SMCP](#).

#### Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Motor
- ③ Snow Melt Control
- ④ 24Vac Transformer
- ⑤ 120Vac 6' Power Cord
- ⑥ Balancing Valve
- ⑦ Isolation Valves
- ⑧ Supply Sensor (in well)
- ⑨ Return Sensor
- ⑩ Thermometer
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">3WMIX-SMCP</a>	3-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt	1	ea.	\$ 8,856.00
<a href="#">3WMIXHH-SMCP</a>	3-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt	1	ea.	\$ 10,725.00

### 4WMIX-SMCP 4-Way Mixing Panels w/ Snow Melt Control 4WMIX-SMCP Series

These Snow Melt Panels are operation centers for fully automatic snow melt systems. They can be used for snow melt systems with a dedicated heat source (e.g. a boiler or other non-DHW appliance), or a non-dedicated heat source with a heat exchanger.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Secondary Pump for 1 minute every 15 minutes to check the return water temperature. If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.
- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUB4WMIX-SMCP](#).

#### Panel Components

- ① Secondary Pump
- ② 4-Way Mixing Valve and Motor
- ③ Snow Melt Control
- ④ 24Vac Transformer
- ⑤ 120Vac 6' Power Cord
- ⑥ Balancing Valve
- ⑦ Isolation Valves
- ⑧ Supply Sensor (in well)
- ⑨ Return Sensor
- ⑩ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">4WMIX-SMCP</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt	1	ea.	\$ 8,856.00
<a href="#">4WMIXHH-SMCP</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt	1	ea.	\$ 10,725.00

### 4WMIX-SMCP-BAC 4-Way Mixing Panels w/ BACnet Snow Melt Control 4WMIX-SMCP-BAC Series

These Snow Melt Panels are operation centers for fully automatic snow melt systems. They can be used for snow melt systems with a dedicated heat source (e.g. a boiler or other non-DHW appliance), or a non-dedicated heat source with a heat exchanger.

BACnet snow melt control uses Snow/Ice Detector #30090 (sold separately). See [page 128](#) for panel options & accessories.

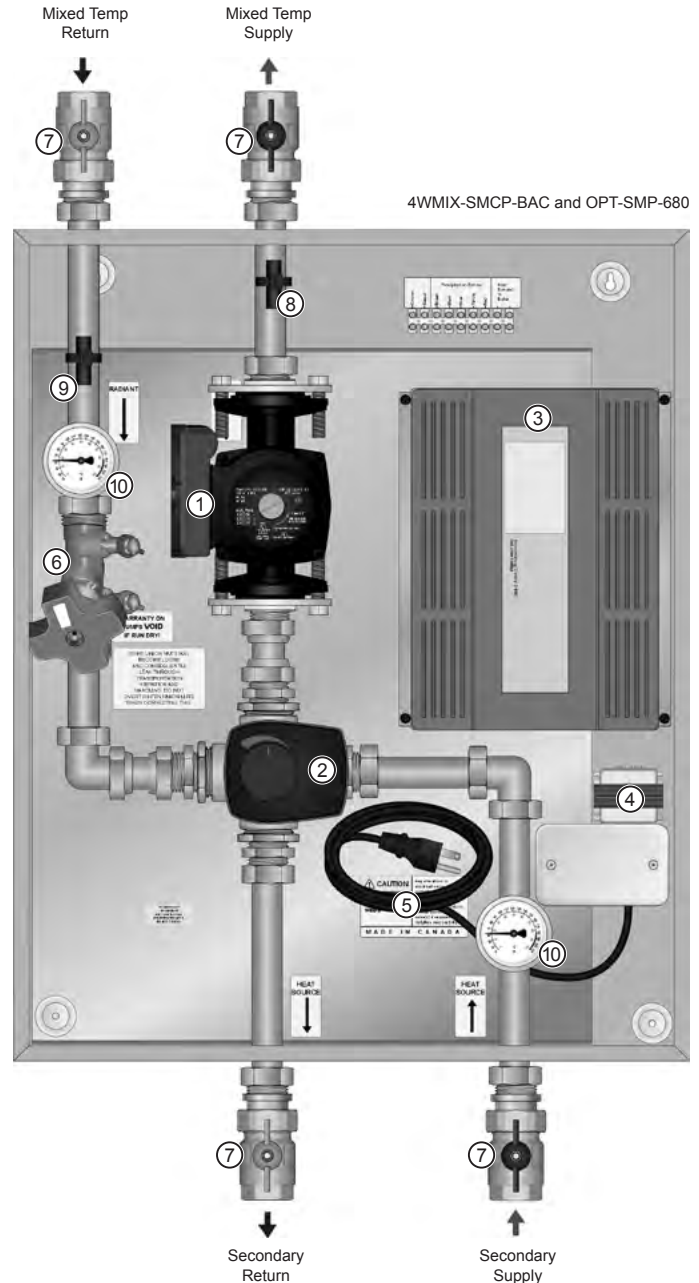
Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Secondary Pump for 1 minute every 15 minutes to check the return water temperature. If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.
- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUB4WMIX-SMCP-BAC](#).

#### Panel Components

- ① Secondary Pump
- ② 4-Way Mixing Valve and Motor
- ③ Snow Melt Control
- ④ 24Vac Transformer
- ⑤ 120Vac 6' Power Cord
- ⑥ Balancing Valve
- ⑦ Isolation Valves
- ⑧ Supply Sensor
- ⑨ Return Sensor
- ⑩ Thermometer
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">4WMIX-SMCP-BAC</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt (requires OPT-SMP-680)	1	ea.	\$ 9,918.00
<a href="#">4WMIX-HH-SMCP-BAC</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt (requires OPT-SMP-680)	1	ea.	\$ 11,533.00
<a href="#">OPT-SMP-680</a>	Optional SMP Control Upgrade to BMS 680 BACnet (30090,30091 Sold Sep.)	1	ea.	\$ 5,655.00



### Stainless Steel Snow Melt Panels SMP000SS Series

The Snow Melt Panels are central operations centers for fully automatic snow melt systems with a dedicated heat source (e.g. a boiler or other non-DHW appliance). Includes the primary and secondary pumps, snow melt control, mixing valve, mixing valve motor, transformer, thermometer, and isolation valves.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

#### Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Primary and Secondary Pumps for 1 minute every 15 minutes to check the return water temperature.

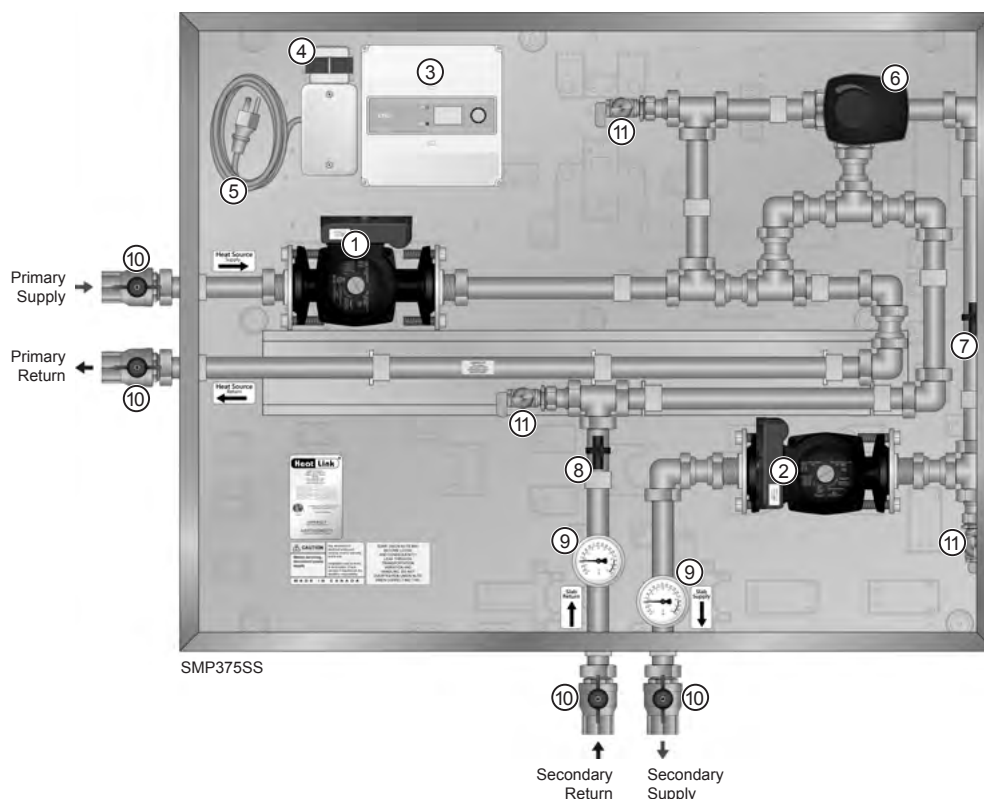
If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.

- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUBSMP000SS](#).

#### Panel Components

- |                     |                                 |                 |   |
|---------------------|---------------------------------|-----------------|---|
| ① Primary Pump      | ④ 24Vac Transformer             | ⑦ Supply Sensor | ⑩ Isolation Valve   |
| ② Secondary Pump    | ⑤ 120Vac 6' Power Cord          | ⑧ Return Sensor | ⑪ Drain and Fill Valve                                      |
| ③ Snow Melt Control | ⑥ 3-Way Mixing Valve with Motor | ⑨ Thermometer   | <input checked="" type="checkbox"/> Panel Cover (not shown) |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">SMP375SS</a>	SMP 300MBH SS Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	1	ea.	\$ 13,894.00
<a href="#">SMP375SSH</a>	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; DRVWSNS-SS sold sep)	1	ea.	\$ 15,008.00



### Stainless Steel Snow Melt Panels with Heat Exchangers SMP000SS-HEX Series

The Snow Melt Panels are central operations centers for fully automatic snow melt systems requiring isolation. Includes the primary and secondary pumps, heat exchangers, snow melt control, mixing valve, mixing valve motor, transformer, thermometer, and isolation valves.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

#### Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Primary and Secondary Pumps for 1 minute every 15 minutes to check the return water temperature.

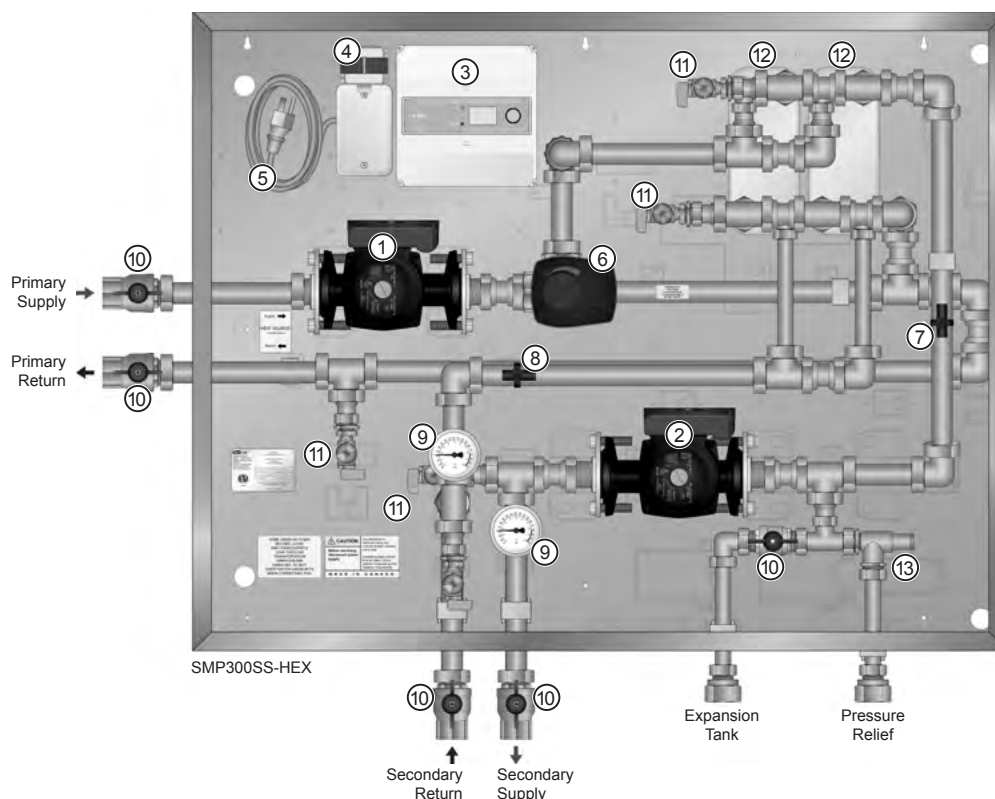
If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.

- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUBSMP000SSHEX](#).

#### Panel Components

- |                     |                                    |                        |   |
|---------------------|------------------------------------|------------------------|---|
| ① Primary Pump      | ⑤ 120Vac 6' Power Cord             | ⑧ Return Sensor        | ⑫ Heat Exchanger  |
| ② Secondary Pump    | ⑥ 3-Way Diverting Valve with Motor | ⑨ Thermometer          | ⑬ Pressure Relief Valve                                     |
| ③ Snow Melt Control | ⑦ Supply Sensor                    | ⑩ Isolation Valve      | <input checked="" type="checkbox"/> Panel Cover (not shown) |
| ④ 24Vac Transformer |                                    | ⑪ Drain and Fill Valve |   |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">SMP175SS-HEX</a>	SMP 175MBH SS Snow Melt Panel 2×20 HEX (DRVWSNS-SS sold sep)	1	ea.	\$ 17,556.00
<a href="#">SMP300SS-HEX</a>	SMP 300MBH SS Snow Melt Panel 2×30 HEX (DRVWSNS-SS sold sep)	1	ea.	\$ 17,843.00
<a href="#">SMP300SS-HEX-H</a>	SMP 365MBH SS Snow Melt Panel 3×30 HEX & HH Pump (DRVWSNS-SS sold sep)	1	ea.	\$ 19,988.00

## SMP 400 MBH Snow Melt Panel without Heat Exchangers Stk# SMP400D

The SMP400D Snow Melt Panel is a central operations center for a fully automatic snow melt system with a dedicated heat source (e.g. a boiler or other non-DHW appliance). Includes the secondary pump, snow melt control, mixing valve, mixing valve motor, transformer, thermometer, pressure gauges, air eliminator, balancing valves, and isolation valves.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Secondary Pump for 1 minute every 15

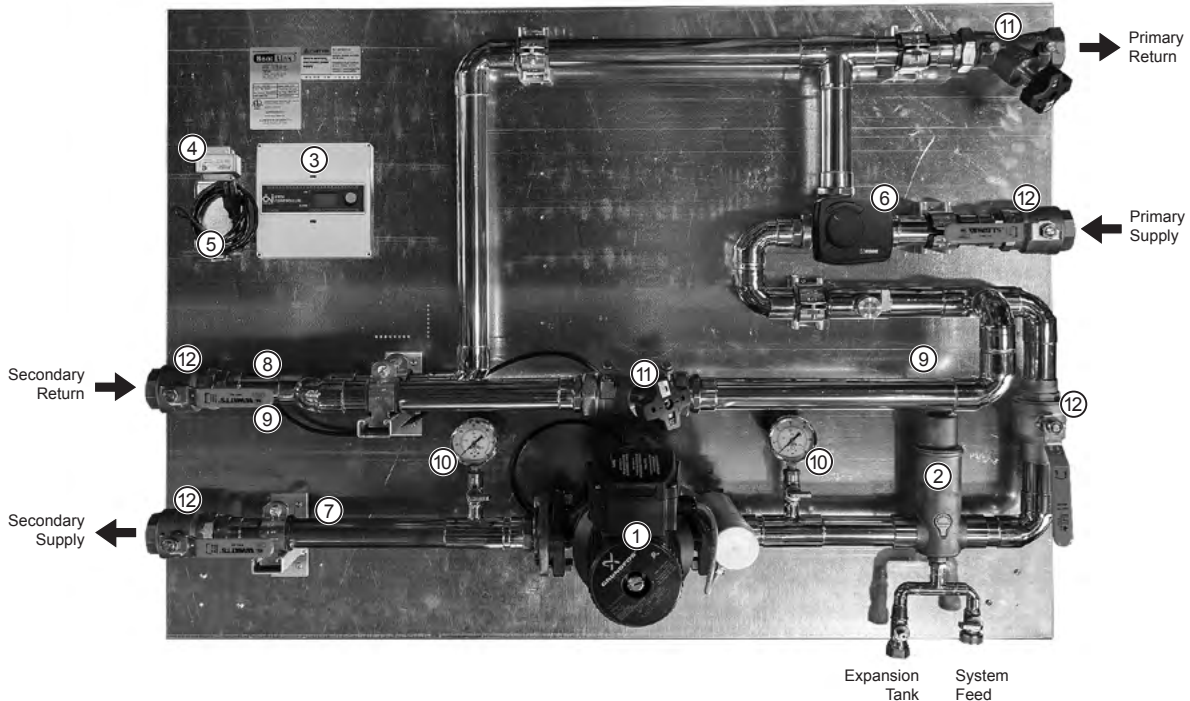
minutes to check the return water temperature. If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.

- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

For complete specifications, see submittal [SUBSMP000D](#).

### Panel Components

- |                     |                                    |                             |   |
|---------------------|------------------------------------|-----------------------------|---|
| ① Secondary Pump    | ⑤ 120Vac 6' Power Cord             | ⑧ Return Sensor (not shown) | ⑫ Isolation Valve   |
| ② Air Eliminator    | ⑥ 3-Way Diverting Valve with Motor | ⑨ Thermometer (not shown)   | <input checked="" type="checkbox"/> Panel Enclosure and Cover (not shown) |
| ③ Snow Melt Control | ⑦ Supply Sensor (not shown)        | ⑩ Pressure Gauge            |   |
| ④ 24Vac Transformer |                                    | ⑪ Balancing Valve           |   |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">SMP400D</a>	SMP 400MBH Copper Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	1	ea.	\$ 30,115.00

## SMP 335-425 MBH Snow Melt Panels with Heat Exchangers SMP000 Series

The SMP335-425 Snow Melt Panels are central operations centers for fully automatic snow melt systems requiring isolation. Includes the secondary pump, snow melt control, mixing valve, mixing valve motor, transformer, thermometer, pressure gauges, heat exchangers, air eliminator, balancing valves, and isolation valves.

Standard snow melt control uses Snow/Ice Detector #DRVWSNS-SS and Outdoor Temperature Sensor #ETF-1733/44/55 (both sold separately). See [page 128](#) for panel options & accessories.

Sequence of operation:

- When the temperature read by the Snow/Ice Detector is below warm weather shutdown setting, the Snow Melt Control will activate. It will start the Secondary Pump for 1 minute every 15

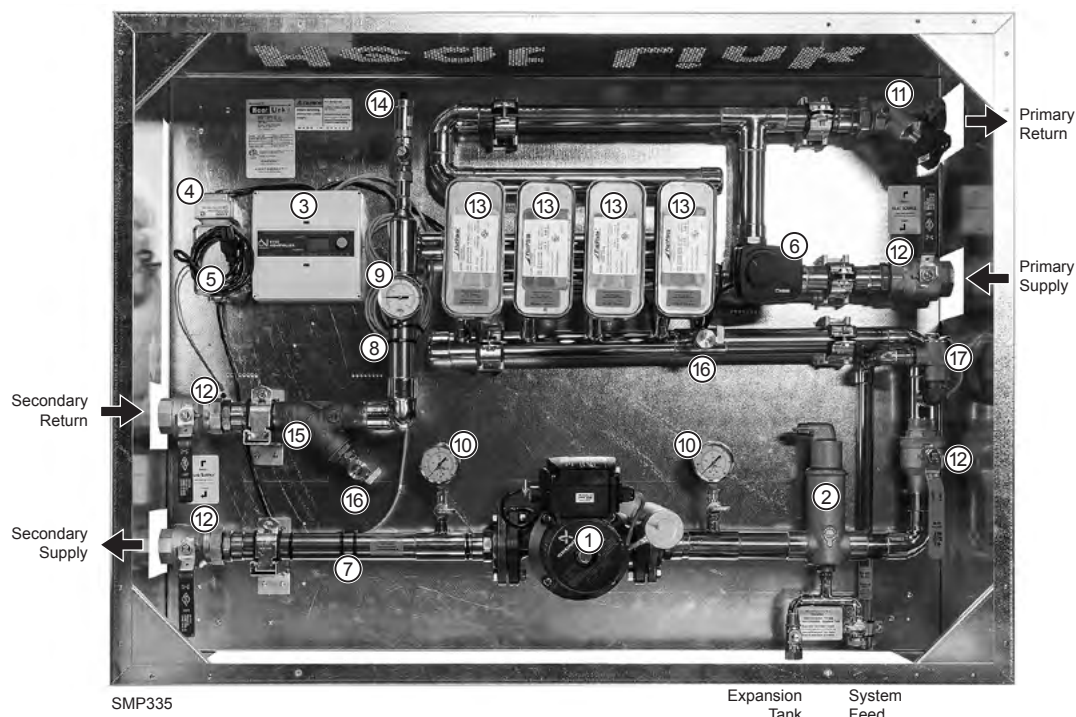
minutes to check the return water temperature. If the return water temperature is below the minimum return water temperature the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the return water temperature to the required level.

- When the Snow/Ice Detector senses snow fall, the Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the flow temperature to the maximum supply water temperature. When no more snow is detected by the Snow/Ice Detector, the Snow Melt Control continues to operate the system for an additional user adjustable period of time.
- When the temperature read by the Snow/Ice Detector is below cold weather cutoff setting, the Snow Melt Control will be in standby mode.

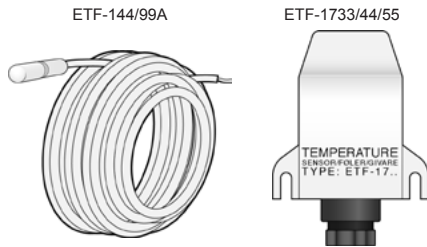
For complete specifications, see submittal [SUBSMP000](#).

### Panel Components

- |                        |                                    |                      |   |
|------------------------|------------------------------------|----------------------|---|
| ① Secondary Pump       | ⑥ 3-Way Diverting Valve with Motor | ⑩ Pressure Gauge     | ⑮ Strainer  |
| ② Air Eliminator       | ⑦ Supply Sensor                    | ⑪ Balancing Valve    | ⑯ Drain and Fill Valve                                      |
| ③ Snow Melt Control    | ⑧ Return Sensor                    | ⑫ Isolation Valve    | ⑰ Pressure Relief Valve                                     |
| ④ 24Vac Transformer    | ⑨ Thermometer                      | ⑬ Heat Exchanger     | <input checked="" type="checkbox"/> Panel Cover (not shown) |
| ⑤ 120Vac 6' Power Cord |                                    | ⑭ Automatic Air Vent |   |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">SMP335</a>	SMP 335MBH Copper Snow Melt Panel 4×20 Plate HEX (DRVWSNS-SS sold sep)	1	ea.	\$ 38,661.00
<a href="#">SMP425</a>	SMP 425MBH Copper Snow Melt Panel 4×30 Plate HEX (DRVWSNS-SS sold sep)	1	ea.	\$ 39,447.00



### Sensor NTC 12K ETF Series

Optional NTC 12K sensors for use with the ETO2SMCNTR snow melt control, SMCP, or standard Snow Melt Panels.

For complete specifications, see submittal [SUBETF14499A](#) or [SUBETF17334455](#).

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">ETF-144/99A</a>	Slab Sensor (12k) PVC Sleeve 8ft Cable for ETO2SMCNTR SnowmeltController	1	ea.	\$ 175.19
<a href="#">ETF-1733/44/55</a>	Optional Outdoor Sensor for SMCP & SMP Panels	1	ea.	\$ 361.94



### Snow/Ice Detector (Sensor) Stk# DRVWSNS-SS

This snow/ice sensor in conjunction with the ETO2SMCNTR snow melt control, SMCP, or standard Snow Melt Panels, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature.

For complete specifications, see submittal [SUBDRVWSNSSS](#).

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">DRVWSNS-SS</a>	Driveway Sensor for SMP Panels	1	ea.	\$ 1,972.28



### Replace SMCP with 31680 Control for SMP Panels Stk# OPT-SMP-680

Replaces the standard snow melt panel control (SMCP) with 31680 Snow Melt Control 680-BMS BACnet ([page 77](#)).

For complete specifications, see submittal [SUB31680](#).

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">OPT-SMP-680</a>	Optional SMP Control Upgrade to BMS 680 BACnet (30090,30091 Sold Sep.)	1	ea.	\$ 5,655.00



### Snow/Ice Detector (Sensor) Stk# 30090, 30091

This snow/ice sensor in conjunction with the 31680, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature. This control is not designed as a simple detection device and will not operate properly in an unheated slab.

For use with snow melt panels using 31680 control.

For complete specifications, see submittal [SUB30090](#).

Stk#	Description	Pkg Qty	Unit	List Price / Unit
<a href="#">30090</a>	Snow/Ice Sensor (10K) 65 ft cable	1	ea.	\$ 2,018.03
<a href="#">30091</a>	Snow/Ice Sensor Socket	1	ea.	\$ 458.63



## J-Clips 12000 Series

Fasten tubing to joists.

For complete specifications, see submittal [SUB12000](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">12005</a>	½" J-Clip	100	2000	ea.	\$ 0.19
<a href="#">12022</a>	¾" J-Clip	100	1000	ea.	\$ 0.23
<a href="#">12028</a>	1" J-Clip	50	500	ea.	\$ 0.37



## Plastic Bend Support 86100 Series

Allows for easy bending support and removal.

For complete specifications, see submittal [SUB86100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">86105</a>	Plastic Bend Support for ¾" and ½" Tubing	1	300	ea.	\$ 1.97
<a href="#">86122</a>	Plastic Bend Support for ¾" Tubing	1	400	ea.	\$ 3.70



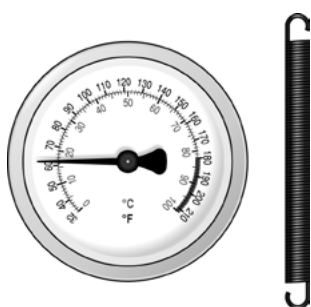
## Metal Drop Ear Bend Support Stk# 86255

Allows for easy bending support and removal of a PEX tubing stub out from a wall or floor.

For complete specifications, see submittal [SUB86255](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">86255</a>	Metal Drop Ear Bend Support for ½" Tubing	25	100	ea.	\$ 7.41





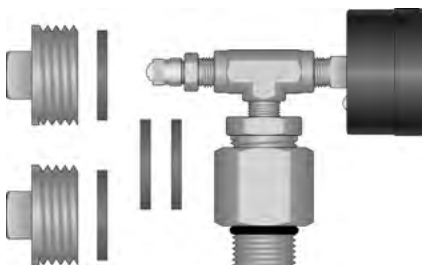
## HeatLink® Strap-on Thermometer Stk# 76940

This surface mounted thermometer is used to measure surface temperatures of metallic piping. The Strap-on Thermometers can be mounted on pipe sizes ranging from 3/8" to 1-1/2". Suggested applications: Use on stainless steel manifolds or supply and return piping to measure water temperatures.

Range: 0 - 100°C, 32 - 212°F (dual scale)

For complete specifications, see submittal [SUB76940](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">76940</a>	Strap-on Thermometer	1		ea.	\$ 43.76



## Pressure Test Kit Stk# 79935

Pressure test kit for use with heating manifolds.

TwistSeal® - replaces automatic air vent on cross tee for testing purposes.

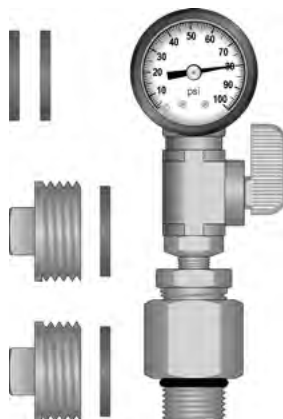
Stainless Steel - replaces a flow meter or hose bib for testing purposes.

Kit includes two 1" plugs and 4 red rubber gaskets (2 are spares).

For air tests with the TwistSeal® Mini, use the red rubber gaskets; for hydrostatic tests use green fibre gaskets (included in manifold assembly kit).

For complete specifications, see submittal [SUB79935](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79935</a>	Pressure Test Kit	1		ea.	\$ 230.82



## Pressure Test Kit with Valve Stk# 79965

Pressure test kit with valve for use with heating manifolds. The valve allows the gauge to be 'zeroed' and demonstrate the system is under pressure.

TwistSeal® - replaces automatic air vent on cross tee for testing purposes.

Stainless Steel - replaces a flow meter or hose bib for testing purposes.

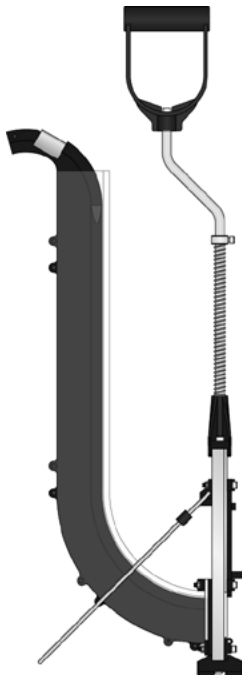
Kit includes two 1" plugs and 4 red rubber gaskets (2 are spares).

For air tests with the TwistSeal® Mini, use the red rubber gaskets; for hydrostatic tests use green fibre gaskets (included in manifold assembly kit).

For complete specifications, see submittal [SUB79935](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79965</a>	Pressure Test Kit with Extra Valve to Zero Gauge	1		ea.	\$ 265.41



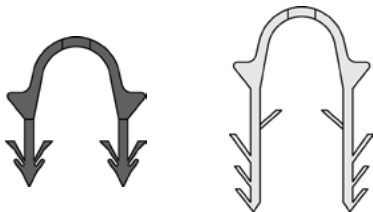


## HeatLink® Deluxe Staple Gun Stk# 10230

Lightweight and easy to use manual staple gun. Use 89250 series staples to fasten up to 5/8" (or 20 mm O.D.) PEX tubing to polystyrene insulation.

For complete specifications, see submittal [SUB10230](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">10230</a>	HeatLink® Deluxe Staple Gun	1		ea.	\$ 688.82



## Staples for Deluxe Staple Gun 89250 Series

Staples for fastening up to 5/8" (or 20mm O.D.) PEX tubing to polystyrene insulation. For use with HeatLink® Deluxe Staple Gun #10230.

For complete specifications, see submittal [SUB89250](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89251</a>	300× 1-1/2" Staples for HeatLink® Deluxe Staple Gun	1	20	box	\$ 75.54
<a href="#">89252</a>	300× 2" Staples for HeatLink® Deluxe Staple Gun	1	10	box	\$ 93.28



## Staples for Stand-up Stapler (old style) 89240 Series

Staples for fastening up to 1/2" (or 18mm O.D.) PEX tubing to polystyrene insulation. For use with Stand-up Stapler #10220 (discontinued).

For complete specifications, see submittal [SUB89240](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">89244</a>	300× 2-3/4" (60mm) Staples for Stand-up Stapler	1	20	box	\$ 70.18



## HeatLink® Galvanized PEX Tubing Dispenser Stk# 10005

A PEX tubing dispenser is invaluable for tubing installation. Made of galvanized steel for long-term durability and maintenance free operation. Easy assembly and disassembly without tools.

Specifications:

- PEX diameter: up to ¾"
- Max coil weight: 114.6 lb (52 kg)
- Max coil height: 24" (60 cm)
- Min inner coil diameter: 11-½" (29 cm)
- Max outer coil diameter: 44" (112 cm)

For complete specifications, see submittal [SUB10005](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">10005</a>	HeatLink Galvanized PEX Tubing Dispenser	1		ea.	\$ 704.68



## PEX Tubing Cutters Stk# 10100

Quick precision cutting on PEX tubing or non-metallic tubing.

For complete specifications, see submittal [SUB10100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">10100</a>	HeatLink® PEX Tubing Cutters	1	50	ea.	\$ 22.85



## PEX Tubing Cutter Stk# 10101

Radial tubing cutter for ½" and ¾" PEX. Keeps tubing round so fittings are easy to insert.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">10101</a>	HeatLink Red PEX Pipe Cutter (QC ½" & ¾")	1		ea.	\$ 37.24



## Multi-purpose Wrench Stk# 79922

Wrench for use with TwistSeal® and TwistSeal® Mini manifold module nut and valve base.

For complete specifications, see submittal [SUB79922](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79922</a>	Multiwrench for Manifold Nut and Base	1		ea.	\$ 17.70



## Assembly Tool for TwistSeal® Mini Multiport Valves Stk# 78314

Tool used to remove and install TwistSeal® Mini Multiport valve cartridges.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">78314</a>	Assembly tool for TwistSeal® Mini Multiport Valves	1		ea.	\$ 14.97



## Non-Toxic Silicone O-Ring Lubricant Stk# 79951 & 79952

Lubrication for the manifold o-rings. Non-toxic silicone grease. Highly recommended for trouble free installation of manifold components.

For more information, see SDS alternative [L2801](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">79951</a>	100g Bottle Non-toxic Silicone O-ring Lubricant	1		ea.	\$ 66.86
<a href="#">79952</a>	10g Bottle Non-toxic Silicone O-ring Lubricant	1		ea.	\$ 13.83



## Press Tool for Stainless Steel Sleeves 11300 Series

Designed to create a watertight seal, the Press Sleeve Tool has a toggle action handle. Easy to load and simple to press, the pressed stainless steel sleeve provides a finished appearance on the transition from the end of the PEX to the insert fitting.

For complete specifications, see submittal [SUB11300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11305</a>	½" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 382.26
<a href="#">11322</a>	¾" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 382.26
<a href="#">11325</a>	½" & ¾" Combo Standard Press Tool for SS Sleeve	1	10	ea.	\$ 582.56
<a href="#">11328</a>	1" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 590.91
<a href="#">11335</a>	1-¼" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 1,000.61
<a href="#">11341</a>	1-½" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 1,143.33



### Confined Space Press Tool for Stainless Steel Sleeves Stk# 11430 Series

The new Confined Space Press Tool is designed for one or two handed pressing and its unique design and expanded utility showcase HeatLink's focus on listening to the needs of customers and developing effective solutions for challenging situations. The Confined Space Tool is perfect for use in tight spaces where HPP Multiport Tees are used. It incorporates a "W" press profile for visual identification of an effective press and the handles can be opened in narrow spaces. The new tool is also smaller and lighter than the 11300 series press tools.

For complete specifications, see submittal [SUB11430](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11433</a>	½" Confined Space Press Tool	1	20	ea.	\$ 423.07
<a href="#">11434</a>	¾" Confined Space Press Tool	1	20	ea.	\$ 423.07



### Confined Space Press Tool for Stainless Steel Sleeves Stk# 11435

The Confined Space Press Tool comes with interchangeable collars for ½", ¾" and 1" PEX tubing. Adjustable lever allows for easier pressing with multiple squeezes. Comes with storage case.

For complete specifications, see submittal [SUB11435](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11435</a>	3-in-1 Confined Space Press Tool with Case	1		ea.	\$ 667.20



## Slim-line Power Press Tool Stk# 11500

HeatLink's Slim-line Power Press Tool is designed for increased efficiency and reduced fatigue for plumbing and heating system installers. The new Slim-line tool makes larger diameter PEX connections effortless and has interchangeable jaws (sold separately) ranging from ½" to 1-½". Short pressing cycles of 3-4 seconds are now possible with HeatLink's new Slim-line tool and its efficiency is further supported by an extremely quick charging time of just 15 minutes. The tool is built using high quality and powerful Makita Li-Ion technology and incorporates biodegradable oil that is non-hazardous to water and has received the "Blue Angel" ecolabel.

Comes with one 18V 1.3Ah Li-ion battery, battery charger, and hard plastic case.

Jaws for the Power Press Tool are sold separately.

For complete specifications, see submittal [SUB11500](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11500</a>	Slim-line Power Press Tool	1		ea.	\$ 4,454.59



11505



11541

## Jaws for Slim-line Power Press Tool 11500 Series

Jaws for use with the Slim-line Power Press Tool (#11500).

Compatible with the following third-party tools:

- Nibco PC-20M Mini
- Nibco PC-10M Mini
- Rothenberger Compact

May be compatible with other third-party tools, please contact your local representative to confirm.

For complete specifications, see submittal [SUB11505](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11505</a>	½" Jaws for Slim-line Power Press Tool	1	10	ea.	\$ 576.81
<a href="#">11522</a>	¾" Jaws for Slim-line Power Press Tool	1	10	ea.	\$ 576.81
<a href="#">11528</a>	1" Jaws for Slim-line Power Press Tool	1	10	ea.	\$ 600.12
<a href="#">11535</a>	1-¼" Jaws for Slim-line Power Press Tool	1	10	ea.	\$ 567.39
<a href="#">11541</a>	1-½" Jaws for Slim-line Power Press Tool	1	10	ea.	\$ 647.56





## Power Press Tool with Pistol Grip Stk# 11600

HeatLink's new Pistol Grip Power Press Tool is designed for increased efficiency and reduced fatigue for plumbing and heating system installers. The Pistol Grip tool makes large diameter PEX connections effortless and features interchangeable jaws (sold separately) ranging from ½" to 2". Short pressing cycles of 3-4 seconds are now possible with HeatLink's new Pistol Grip tool, and its efficiency is further supported by an extremely quick charging time of just 15 minutes. The tool is built using high quality and powerful Makita Li-Ion technology and incorporates biodegradable oil that is non-hazardous to water and has received the "Blue Angel" ecolabel.

Comes with one 18V 1.3Ah Li-ion battery, battery charger, and hard plastic case.

Jaws for the Power Press Tool are sold separately.

For complete specifications, see submittal [SUB11600](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11600</a>	Power Press Tool with Pistol Grip	1		ea.	\$ 5,983.73

## Jaws for Power Press Tool with Pistol Grip 11600 Series

Jaws compatible with the following third-party tools:

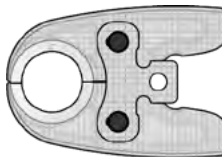
- Nibco PC-280
- Nibco PC-100
- Ridgid 320-E
- Ridgid RP330-B
- Ridgid CT400
- Ridgid RP330-C
- Ridgid RP340
- Milwaukee 2673-20
- Milwaukee 2673-20L
- Milwaukee 2773-20
- Milwaukee 2773-20L
- REMS 571011
- REMS 577010
- REMS 572111
- REMS 571013
- REMS 571014
- Victaulic Vic-Press™ Tool - Style PFT510

May be compatible with other third-party tools, please contact your local representative to confirm.

For complete specifications, see submittal [SUB11605](#).
































11628


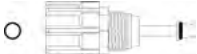



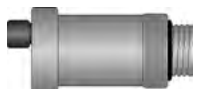
























11654W















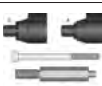
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
<a href="#">11605</a>	½" Jaws for Power Press Tool with Pistol Grip	1	10	ea.	\$ 598.69
<a href="#">11622</a>	¾" Jaws for Power Press Tool with Pistol Grip	1	10	ea.	\$ 633.24
<a href="#">11628</a>	1" Jaws for Power Press Tool with Pistol Grip	1	10	ea.	\$ 723.59
<a href="#">11635</a>	1-¼" Jaws for Power Press Tool with Pistol Grip	1	12	ea.	\$ 723.59
<a href="#">11641</a>	1-½" Jaws for Power Press Tool with Pistol Grip	1	8	ea.	\$ 742.47
<a href="#">11654W</a>	2" Jaws for Power Press Tool with Pistol Grip	1		ea.	\$ 1,457.83

	Stk#	Description	Qty	Unit	List Price / Unit
<b>TwistSeal® (55mm) Manifold</b>					
	<a href="#">78401</a>	TwistSeal® Deluxe (55mm) Zone Valve Supply Module (c/w o-ring)	1	ea.	\$ 143.39
	<a href="#">78402</a>	TwistSeal® Deluxe (55mm) Balancing Return Module (c/w o-ring)	1	ea.	\$ 134.58
	<a href="#">78411</a>	TwistSeal® (55mm) Zone Valve Replacement Cartridge c/w O-ring	1	ea.	\$ 94.66
	<a href="#">78911</a>	TwistSeal® (55mm) Zone Valve Upgrade Assembly - <i>While Supplies Last</i>	1	ea.	\$ 93.27
	<a href="#">78912</a>	TwistSeal® (55mm) Balance Valve Assembly - <i>While Supplies Last</i>	1	ea.	\$ 72.45
	<a href="#">78924</a>	O-ring for TwistSeal® (55mm) Manifold Module O-ring #223.	5	ea.	\$ 4.77
	<a href="#">79901</a>	TwistSeal® (55mm) Closed End Cap Self-sealing end piece which closes manifold.	1	ea.	\$ 16.54
	<a href="#">79902</a>	1" TwistSeal® (55mm) Supply End Connection Self-sealing end-piece with 1" FNPT brass insert. (c/w o-ring).	1	ea.	\$ 94.27
	<a href="#">79908</a>	TwistSeal® (55mm) Cross Tee	1	ea.	\$ 55.93
<b>TwistSeal® Mini (40mm) Manifold</b>					
	<a href="#">78210</a>	TwistSeal® Mini Deluxe (40mm) Zone Valve Supply Module The supply module (c/w o-ring) provides on/off manual control to allow isolation of individual loops.	1	ea.	\$ 94.64
	<a href="#">78211</a>	TwistSeal® Mini Deluxe (40mm) Balancing Return Module	1	ea.	\$ 96.98
	<a href="#">78221</a>	TwistSeal® Mini (40mm) Zone Valve Replacement Cartridge c/w O-ring For TwistSeal® Mini (40 mm) shut-off modules.	1	ea.	\$ 46.87
	<a href="#">78311</a>	TwistSeal® Mini Z.V. Rplcmnt. Cartridge for MultiportModule	1	ea.	\$ 32.12
	<a href="#">78312</a>	TwistSeal® Mini Flow Meter Replacement Cartridge for 78300 Modules	1	ea.	\$ 59.63



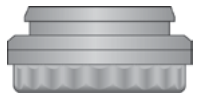
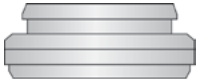






	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">78811</a>	TwistSeal® Mini (40mm) Z.V. Upgrade Asmbl. - <i>While Supplies Last</i> Upgrade TwistSeal® Mini (40 mm) valveless or compression stop modules so they can accept an actuator.	1	ea.	\$ 77.72
	<a href="#">78812</a>	TwistSeal® Mini (40mm) Balance Valve Assembly - <i>While Supplies Last</i> For TwistSeal® Mini (40 mm) modules.	1	ea.	\$ 72.85
	<a href="#">78923</a>	O-ring for TwistSeal® Mini (40mm) & EasyFit™ Manifold Modules O-ring #123.	5	ea.	\$ 3.04
	<a href="#">79801</a>	TwistSeal® Mini (40mm) Closed End Cap Self-sealing end-piece which closes manifold.	1	ea.	\$ 11.59
	<a href="#">79808</a>	TwistSeal® Mini (40mm) Cross Tee c/w O-ring - <i>While Supplies Last</i> (c/w o-ring)	1	ea.	\$ 30.53
	<a href="#">79815</a>	1" TwistSeal® Mini (40mm) Union Cross Tee End Connection (c/w o-ring)	1	ea.	\$ 97.31
	<a href="#">79942</a>	Pair Thermometers for TwistSeal® Mini Union Cross Tee End Connection	1	pair	\$ 63.02
	<a href="#">79953</a>	Red Rubber Gasket for 1" Union End Connection (40mm) Air Tests - <i>While Supplies Last</i>	1	pair	\$ 9.62
	<a href="#">79954</a>	Gasket for TwistSeal® Mini (40mm) 1" Union Supply End Connection	1	pair	\$ 9.13
<b>TwistSeal® (40 &amp; 55mm) Manifold</b>					
	<a href="#">77012</a>	3/8" PEX to TwistSeal® Manifold Connector - <i>While Supplies Last</i>	1	pair	\$ 30.24
	<a href="#">77729</a>	O-ring for PEX to TwistSeal® Manifold Connector 15x2mm o-ring for use with #77000 Series & #23000 Series.	10	ea.	\$ 1.41
	<a href="#">78902</a>	Plastic Nut for TwistSeal® Manifold Modules	1	ea.	\$ 10.19
	<a href="#">78904</a>	Shut-off Cap TwistSeal® - Red - <i>While Supplies Last</i>	1	ea.	\$ 8.02
	<a href="#">78905</a>	TwistSeal® Zone Actuator Base (40mm & 55mm) - <i>While Supplies Last</i>	1	ea.	\$ 3.55
	<a href="#">78906</a>	Balancing Valve Cap with Clip for TwistSeal® Manifold - <i>While Supplies Last</i>	1	ea.	\$ 18.00








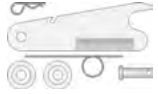







	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">78921</a>	O-ring for TwistSeal® Valve Insert (40 & 55mm) - <i>While Supplies Last</i> O-ring #116.	5	ea.	\$ 1.14
	<a href="#">78922</a>	O-ring for TwistSeal® Balancing Shaft - 6×2mm (Cone Side) - <i>While Supplies Last</i>	5	ea.	\$ 2.70
	<a href="#">79911</a>	½" Cross Tee Plug For use with Cross Tee, comes complete with o-ring.	1	ea.	\$ 4.18
	<a href="#">79930</a>	Metal Hose Bib System can easily be charged at manifold location. For use with the Cross Tee.	1	ea.	\$ 97.85
	<a href="#">79931</a>	Manual Air Vent Used for manually removing air from system. For use with the Cross Tee.	1	ea.	\$ 14.47
	<a href="#">79932</a>	Metal Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1	ea.	\$ 80.67
	<a href="#">79933</a>	Manual Air Vent Key - 5mm Square, Blue Opens the manual air vent (#79931).	1	ea.	\$ 3.65
	<a href="#">79934</a>	Plastic Hose Bib System can easily be charged at manifold location. For use with the Cross Tee.	1	ea.	\$ 37.75
	<a href="#">79936</a>	Plastic Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1	ea.	\$ 30.48
	<a href="#">79940</a>	Pair Thermometers c/w Well for TwistSeal® Manifolds	1	pair	\$ 144.96
	<a href="#">79955</a>	O-ring for ½" Cross Tee Accessories - <i>While Supplies Last</i> O-ring #115.	5	ea.	\$ 0.84
<b>1-¼" Stainless Steel Manifold</b>					
	<a href="#">76101</a>	Mounting Bracket for SS Manifold	1	ea.	\$ 46.77
	<a href="#">76192</a>	1" NPT Adapter for SS Manifold	1	ea.	\$ 54.58
	<a href="#">76911</a>	Zone Valve Insert for 1-¼" SS Manifold (Return)	1	ea.	\$ 38.53
	<a href="#">76912</a>	Balancing Valve Insert for High Flow SS Manifold (Supply)	1	ea.	\$ 29.64
















	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">76916</a>	Flow Meter Valve Insert (0-1.5 USgpm Lock Nut) for 1-1/4" SS Mfd (Sup.) Only compatible with #76918 Manifold Connector Base.	1	ea.	\$ 69.22
	<a href="#">76917</a>	Flow Meter Valve Insert (0-6 L/min) for 1-1/4" SS Manifold (New Design)	1	ea.	\$ 66.04
	<a href="#">76918</a>	Connector Base for 1-1/4" SS Manifold (Flow Meter w/Lock Nut) Only compatible with #76916 Flow Meter with Lock Nut.	1	ea.	\$ 14.01
	<a href="#">76919</a>	Connector Base for 1-1/4" SS Manifold Not compatible with #76916 Flow Meter with Lock Nut.	1	ea.	\$ 14.04
	<a href="#">76922</a>	1" Ball Valve Set for 1-1/4" SS Manifold	1	set	\$ 296.59
	<a href="#">76924</a>	O-ring for 1-1/4" SS Manifold Coupling and End Connections - <i>While Supplies Last</i>	1	ea.	\$ 3.90
	<a href="#">76925</a>	Black Shut-off Cap for 1-1/4" SS Manifold	1	ea.	\$ 6.80
	<a href="#">76930</a>	Hose Bib for 1-1/4" SS Manifold	1	ea.	\$ 64.30
	<a href="#">76936</a>	Pressure Bypass for 1-1/4" SS Manifold (requires 77105 & PEX)	1	ea.	\$ 373.78
	<a href="#">77739</a>	O-ring for PEX to 1-1/4" SS Manifold Connector - <i>While Supplies Last</i> 14x2.5 o-ring for 1/2" and 3/8" connectors.	10	ea.	\$ 2.28
<b>2" Stainless Steel Manifold</b>					
	<a href="#">76680</a>	O-ring for 2" SS Manifold, Closed End, and Open End Adapters - <i>While Supplies Last</i>	1	ea.	\$ 5.37
	<a href="#">77600</a>	O-Ring for 2" Manifold PEX Connectors - <i>While Supplies Last</i>	1	ea.	\$ 1.60
<b>PEX Compression Couplings</b>					
	<a href="#">68012</a>	3/8" PEX Comp. x 1/2" MNPT Adapter - <i>While Supplies Last</i>	1	ea.	\$ 15.42





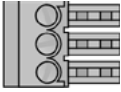





	Stk#	Description	Qty	Unit	List Price / Unit
<b>Valves - 3-Way Mixing</b>					
	<a href="#">63026.1</a>	1" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 127.30
	<a href="#">63542.1</a>	1-1/4" and 1-1/2" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 110.39
	<a href="#">63551.1</a>	2" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 110.39
<b>Valves</b>					
	<a href="#">62816</a>	Zone Valve Insert 1/2" (Blue Cap) - <i>While Supplies Last</i>	1	ea.	\$ 86.00
	<a href="#">62916</a>	Radiator Valve Insert 1/2" (Black Cap) - <i>While Supplies Last</i>	1	ea.	\$ 74.80
	<a href="#">62920</a>	Radiator Valve Insert 3/4" (Black Cap) - <i>While Supplies Last</i>	1	ea.	\$ 93.34
	<a href="#">62925</a>	Zone Valve Insert 1" (Black Cap) - <i>While Supplies Last</i>	1	ea.	\$ 120.67
	<a href="#">62930</a>	Zone Valve Insert 1-1/4" (Black Cap) and 3/4" (Blue Cap) - <i>While Supplies Last</i>	1	ea.	\$ 129.74
	<a href="#">62900V</a>	Zone Valve Insert for 62000V Series Valves	1	ea.	\$ 77.84
	<a href="#">64931</a>	Pressure Activated Bypass for Mixing Block 64331 - <i>While Supplies Last</i>	1	ea.	\$ 128.77
	<a href="#">64950</a>	1-1/2" & 2" 4-Way Cast Iron Mixing Valve Repair Kit - <i>While Supplies Last</i> For 3-way v1 and 4-way v1 mixing valves.	1	ea.	\$ 428.33
<b>Mixing Valve Motors</b>					
	<a href="#">58052</a>	Plastic Mixing Valve Motor Coupling for 1" - 2" 4-Way Valves - <i>While Supplies Last</i>	1	ea.	\$ 37.13
	<a href="#">58130.1</a>	Adapter for HeatLink 1" - 2" Rotary Actuator to WITA Valve	1	ea.	\$ 129.35
	<a href="#">58850</a>	Accessory Pack #58150 v2 Mounted on Black Cast Iron Mixing Valve - <i>While Supplies Last</i>	1	ea.	\$ 43.54
	<a href="#">58950</a>	Accessory Pack for #58150 v1 (Rectangle, SM5) - <i>While Supplies Last</i>	1	ea.	\$ 43.54



	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">58199</a>	Mixing Valve Motor for 2-½" to 4" Flange Mixing Valves - <i>While Supplies Last</i>	1	ea.	\$ 549.98
<b>Actuators</b>					
	<a href="#">56081</a>	Zone Valve Ring for 56201 and 56231 Actuator - <i>While Supplies Last</i>	1	ea.	\$ 2.24
	<a href="#">56090</a>	TwistSeal® Manifold Actuator Ring - <i>While Supplies Last</i>	1	ea.	\$ 4.68
	<a href="#">56091</a>	Valve Actuator Ring - <i>While Supplies Last</i>	1	ea.	\$ 5.93
<b>Thermostats</b>					
	<a href="#">45813</a>	1A TimeDelay(SlowBlow)5×20mmGlassFuse for 461Thermostats - <i>While Supplies Last</i>	1	ea.	\$ 5.09
<b>Relays</b>					
	<a href="#">45032</a>	8 Pin Round Socket for AC Relay - <i>While Supplies Last</i>	1	ea.	\$ 43.08
<b>StatLink®</b>					
	<a href="#">45822</a>	2A Medium Lag (Med. Blow) 5×20mm Glass Fuse for 40190 - <i>While Supplies Last</i>	1	pair	\$ 10.17
<b>System Controls</b>					
	<a href="#">30092</a>	SnowMeltingKit-Start/StopModule w/Slab and UniversalSensor - <i>While Supplies Last</i>	1	ea.	\$ 1,091.35
<b>Sensors</b>					
	<a href="#">30076</a>	Indoor Sensor (10K) Small Enclosure - <i>While Supplies Last</i>	1	ea.	\$ 90.82
	<a href="#">30077</a>	Indoor Sensor (10K) Flush Mount - <i>While Supplies Last</i>	1	ea.	\$ 140.03

	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">ETF1899ASNS</a>	Sensor NTC 12K (Spare parts for #SMCP) - Special Order**	1	ea.	\$ 151.28
<b>Tools</b>					
	<a href="#">10091</a>	Dispenser Pin Set For Narrow PEX Coils - <i>While Supplies Last</i>	1	set	\$ 264.85
	<a href="#">10092</a>	Dispenser Pin Set For Large PEX Coils - <i>While Supplies Last</i>	1	set	\$ 264.85
	<a href="#">11252</a>	½" and ¾" EasyFit™ Wrench - <i>While Supplies Last</i>	1	ea.	\$ 11.62
	<a href="#">11328.1</a>	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	1	ea.	\$ 28.76
	<a href="#">11335.1</a>	1-¼" Standard Press Tool for SS Sleeve - Go-No-Go Gauge - <i>While Supplies Last</i>	1	ea.	\$ 24.16
	<a href="#">11433.1</a>	Confined Space Tool Gauge (All Sizes)	1	ea.	\$ 13.52
	<a href="#">11435.1</a>	Replacement Blade Kit for #11435 Includes blade, clevis pin, retaining clip, spring, and shoulder washers (2).	1	ea.	\$ 67.07
	<a href="#">11435.2</a>	Rebuild Kit for #11435 Includes cam pin, long (body) pins (2), E-clips (3).	1	ea.	\$ 106.97
	<a href="#">11435.3</a>	½" SS Collars (Set) for #11435	1	ea.	\$ 75.22
	<a href="#">11435.4</a>	¾" SS Collars (Set) for #11435	1	ea.	\$ 75.22
	<a href="#">11435.5</a>	1" SS Collars (Set) for #11435	1	ea.	\$ 75.22
	<a href="#">11438</a>	E-Clips for Confined Space Tools (12 per bag) For 11433, 11434, and 11435.	1	bag	\$ 22.22
	<a href="#">11439</a>	Rebuild Kit for Confined Space Tool For 11433 and 11434.	1	ea.	\$ 62.79
	<a href="#">11901</a>	Replacement Retaining Rings for Press Tools (10 per bag) For 11305, 11322, 11325, 11328, 11335, 11341, 11405, and 11422.	1	bag	\$ 14.50

	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">11902</a>	Rebuild Kit for Straight 1/2" & 3/4" Press Tools For metal and composite handle 11305 and 11322.	1	ea.	\$ 124.05
	<a href="#">11903</a>	Rebuild Kit for 1", 1-1/4" Angle, Straight and Combo Press Tools For 11325, 11328, 11335, 11341, 11405, and 11422.	1	ea.	\$ 128.48
<b>Water Quality</b>					
	<a href="#">01321</a>	1L Postoperational Filtration Cleaner - <i>While Supplies Last</i>	1	L	\$ 352.99
	<a href="#">02191</a>	O-Ring for the Side Stream Filter - <i>While Supplies Last</i>	1	ea.	\$ 51.75
<b>Mechanical Room in a Box</b>					
	<a href="#">NTRWSH1</a>	1" x 3mm Blk Nitrile Washer for Panels	5	ea.	\$ 4.61
	<a href="#">NTRWSH1-SRV</a>	1" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)	5	ea.	\$ 4.21
	<a href="#">NTRWSH34</a>	3/4" x 3mm Blk Nitrile Washer for Panels	5	ea.	\$ 2.49
	<a href="#">NTRWSH34-SRV</a>	3/4" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)	5	ea.	\$ 2.13
	<a href="#">PLC1R2</a>	Controller for TMP040/070, SMP, ZMP, ELB and old SSP/SST	1	ea.	\$ 1,081.69
	<a href="#">PLC4AR2</a>	Controller for TMP085DP, TMP200DT	1	ea.	\$ 1,132.92
	<a href="#">PLC5R2</a>	Controller for TWH070Z using FLWSWTCH	1	ea.	\$ 1,657.80
	<a href="#">PLC6R2P3</a>	Controller for CDP Panels with 3 Pumps	1	ea.	\$ 1,257.07
	<a href="#">PLC6R2P4</a>	Controller for CDP Panels with 4 Pumps	1	ea.	\$ 1,583.91
	<a href="#">PLC7R1P1</a>	Controller for WHP using HEPPS	1	ea.	\$ 1,280.11
	<a href="#">PLC7R1P2</a>	Controller for HEP using HEPPS	1	ea.	\$ 1,280.11

	Stk#	Description	Qty	Unit	List Price / Unit
	<a href="#">PLC7R1P2-TWH</a>	Controller for TWH (except for Z models) using HEPPS	1	ea.	\$ 1,355.49
	<a href="#">PLC7R2P1</a>	Controller for WHP using FLWSWTCH	1	ea.	\$ 1,081.15
	<a href="#">PLC7R2P2</a>	Controller for HEP, TWH (except Z) using FLWSWTCH	1	ea.	\$ 1,081.65
	<a href="#">PWRB2TH</a>	Power Box 2-Terminal Header - <i>While Supplies Last</i>	5	ea.	\$ 9.12
	<a href="#">PWRB3TH</a>	Power Box 3-Terminal Header - <i>While Supplies Last</i>	5	ea.	\$ 13.77
	<a href="#">PLINTR40VA</a>	24Vac 40VA Plug-in Transformer for Panels	1	ea.	\$ 182.47
	<a href="#">CHVLV20</a>	Check Valve for UPS15-58 Pump	1	ea.	\$ 35.46
	<a href="#">PUMP1558</a>	UPS15-58RU Composite 115V Pump	1	ea.	\$ 508.94
	<a href="#">PUMP2699</a>	UPS26-99FC 115V Cast Iron Pump	1	ea.	\$ 1,205.41
	<a href="#">PUMP2699BR</a>	UPS26-99BFC 115V Bronze Pump	1	ea.	\$ 1,932.12

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">00412</a>	HeatLink Preventative Maintenance Water Analysis		1	ea.	\$ 375.00	<a href="#">84</a>
<a href="#">01205</a>	1L Corrosion Inhibitor (Molybdate Based)		1	bottle	\$ 116.65	<a href="#">84</a>
<a href="#">01311</a>	1L Purging Compound (Pre & Post Operational Cleaner)		1	bottle	\$ 209.50	<a href="#">84</a>
<a href="#">01321</a>	1L Postoperational Filtration Cleaner	WSL	1	L	\$ 352.99	<a href="#">145</a>
<a href="#">02191</a>	O-Ring for the Side Stream Filter	WSL	1	ea.	\$ 51.75	<a href="#">145</a>
<a href="#">10005</a>	HeatLink Galvanized PEX Tubing Dispenser		1	ea.	\$ 704.68	<a href="#">132</a>
<a href="#">10091</a>	Dispenser Pin Set For Narrow PEX Coils	WSL	1	set	\$ 264.85	<a href="#">144</a>
<a href="#">10092</a>	Dispenser Pin Set For Large PEX Coils	WSL	1	set	\$ 264.85	<a href="#">144</a>
<a href="#">10100</a>	HeatLink® PEX Tubing Cutters		1	ea.	\$ 22.85	<a href="#">132</a>
<a href="#">10101</a>	HeatLink Red PEX Pipe Cutter (QC ½" & ¾")		1	ea.	\$ 37.24	<a href="#">132</a>
<a href="#">10230</a>	HeatLink® Deluxe Staple Gun		1	ea.	\$ 688.82	<a href="#">131</a>
<a href="#">11252</a>	½" and ¾" EasyFit™ Wrench	WSL	1	ea.	\$ 11.62	<a href="#">144</a>
<a href="#">11305</a>	½" Standard Press Tool for SS Sleeve		1	ea.	\$ 382.26	<a href="#">134</a>
<a href="#">11322</a>	¾" Standard Press Tool for SS Sleeve		1	ea.	\$ 382.26	<a href="#">134</a>
<a href="#">11325</a>	½" & ¾" Combo Standard Press Tool for SS Sleeve		1	ea.	\$ 582.56	<a href="#">134</a>
<a href="#">11328</a>	1" Standard Press Tool for SS Sleeve		1	ea.	\$ 590.91	<a href="#">134</a>
<a href="#">11328.1</a>	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge		1	ea.	\$ 28.76	<a href="#">144</a>
<a href="#">11335</a>	1-¼" Standard Press Tool for SS Sleeve		1	ea.	\$ 1,000.61	<a href="#">134</a>
<a href="#">11335.1</a>	1-¼" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	WSL	1	ea.	\$ 24.16	<a href="#">144</a>
<a href="#">11341</a>	1-½" Standard Press Tool for SS Sleeve		1	ea.	\$ 1,143.33	<a href="#">134</a>
<a href="#">11433</a>	½" Confined Space Press Tool		1	ea.	\$ 423.07	<a href="#">135</a>
<a href="#">11433.1</a>	Confined Space Tool Gauge (All Sizes)		1	ea.	\$ 13.52	<a href="#">144</a>
<a href="#">11434</a>	¾" Confined Space Press Tool		1	ea.	\$ 423.07	<a href="#">135</a>
<a href="#">11435</a>	3-in-1 Confined Space Press Tool with Case		1	ea.	\$ 667.20	<a href="#">135</a>
<a href="#">11435.1</a>	Replacement Blade Kit for #11435		1	ea.	\$ 67.07	<a href="#">144</a>
<a href="#">11435.2</a>	Rebuild Kit for #11435		1	ea.	\$ 106.97	<a href="#">144</a>
<a href="#">11435.3</a>	½" SS Collars (Set) for #11435		1	ea.	\$ 75.22	<a href="#">144</a>
<a href="#">11435.4</a>	¾" SS Collars (Set) for #11435		1	ea.	\$ 75.22	<a href="#">144</a>
<a href="#">11435.5</a>	1" SS Collars (Set) for #11435		1	ea.	\$ 75.22	<a href="#">144</a>
<a href="#">11438</a>	E-Clips for Confined Space Tools (12 per bag)		1	bag	\$ 22.22	<a href="#">144</a>
<a href="#">11439</a>	Rebuild Kit for Confined Space Tool		1	ea.	\$ 62.79	<a href="#">144</a>
<a href="#">11500</a>	Slim-line Power Press Tool		1	ea.	\$ 4,454.59	<a href="#">136</a>
<a href="#">11505</a>	½" Jaws for Slim-line Power Press Tool		1	ea.	\$ 576.81	<a href="#">136</a>
<a href="#">11522</a>	¾" Jaws For Slim-line Power Press Tool		1	ea.	\$ 576.81	<a href="#">136</a>
<a href="#">11528</a>	1" Jaws for Slim-line Power Press Tool		1	ea.	\$ 600.12	<a href="#">136</a>
<a href="#">11535</a>	1-¼" Jaws for Slim-line Power Press Tool		1	ea.	\$ 567.39	<a href="#">136</a>
<a href="#">11541</a>	1-½" Jaws for Slim-line Power Press Tool		1	ea.	\$ 647.56	<a href="#">136</a>
<a href="#">11600</a>	Power Press Tool with Pistol Grip		1	ea.	\$ 5,983.73	<a href="#">137</a>
<a href="#">11605</a>	½" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 598.69	<a href="#">137</a>
<a href="#">11622</a>	¾" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 633.24	<a href="#">137</a>
<a href="#">11628</a>	1" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 723.59	<a href="#">137</a>
<a href="#">11635</a>	1-¼" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 723.59	<a href="#">137</a>
<a href="#">11641</a>	1-½" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 742.47	<a href="#">137</a>
<a href="#">11654W</a>	2" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 1,457.83	<a href="#">137</a>
<a href="#">11901</a>	Replacement Retaining Rings for Press Tools (10 per bag)		1	bag	\$ 14.50	<a href="#">144</a>
<a href="#">11902</a>	Rebuild Kit for Straight ½" & ¾" Press Tools		1	ea.	\$ 124.05	<a href="#">145</a>
<a href="#">11903</a>	Rebuild Kit for 1", 1-¼" Angle, Straight and Combo Press Tools		1	ea.	\$ 128.48	<a href="#">145</a>
<a href="#">12005</a>	½" J-Clip		100	ea.	\$ 0.19	<a href="#">129</a>
<a href="#">12022</a>	¾" J-Clip		100	ea.	\$ 0.23	<a href="#">129</a>
<a href="#">12028</a>	1" J-Clip		50	ea.	\$ 0.37	<a href="#">129</a>
<a href="#">13202M</a>	2 Port, ¾" PEX × Closed End HPP Mini Multiport Tee		5	ea.	\$ 8.031	<a href="#">13</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">13203</a>	3 Port Single Row, 3/4" PEX x Closed End HPP Multiport Tee	WSL	5	ea.	\$ 35.583	<a href="#">13</a>
<a href="#">13203M</a>	3 Port, 3/4" PEX x Closed End HPP Mini Multiport Tee		5	ea.	\$ 10.912	<a href="#">13</a>
<a href="#">13204</a>	4 Port Single Row, 3/4" PEX x Closed End HPP Multiport Tee		5	ea.	\$ 30.264	<a href="#">13</a>
<a href="#">13204M</a>	4 Port, 3/4" PEX x Closed End HPP Mini Multiport Tee		5	ea.	\$ 13.842	<a href="#">13</a>
<a href="#">13206</a>	6 Port Single Row, 3/4" PEX x Closed End HPP Multiport Tee		5	ea.	\$ 37.022	<a href="#">13</a>
<a href="#">13208</a>	8 Port Single Row, 3/4" PEX x Closed End HPP Multiport Tee		5	ea.	\$ 58.493	<a href="#">13</a>
<a href="#">13806</a>	6 Port Single Row, 1" PEX x Closed End HPP Multiport Tee	WSL	5	ea.	\$ 42.041	<a href="#">13</a>
<a href="#">13808</a>	8 Port Single Row, 1" PEX x Closed End HPP Multiport Tee	WSL	5	ea.	\$ 54.103	<a href="#">13</a>
<a href="#">13833</a>	6 Port Opposing Rows, 1" PEX x Closed End HPP Multiport Tee	WSL	5	ea.	\$ 31.520	<a href="#">13</a>
<a href="#">13844</a>	8 Port Opposing Rows, 1" PEX x Closed End HPP Multiport Tee	WSL	5	ea.	\$ 36.251	<a href="#">13</a>
<a href="#">14202M</a>	2 Port, 3/4" PEX x 3/4" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 8.645	<a href="#">14</a>
<a href="#">14203</a>	3 Port Single Row, 3/4" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 28.005	<a href="#">14</a>
<a href="#">14203M</a>	3 Port, 3/4" PEX x 3/4" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 11.429	<a href="#">14</a>
<a href="#">14204</a>	4 Port Single Row, 3/4" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 29.434	<a href="#">14</a>
<a href="#">14204M</a>	4 Port, 3/4" PEX x 3/4" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 14.274	<a href="#">14</a>
<a href="#">14233</a>	6 Port Opposing Rows, 3/4" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 31.520	<a href="#">14</a>
<a href="#">14244</a>	8 Port Opposing Rows, 3/4" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 36.251	<a href="#">14</a>
<a href="#">14703</a>	3 Port Single Row, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 22.839	<a href="#">14</a>
<a href="#">14704</a>	4 Port Single Row, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 30.497	<a href="#">14</a>
<a href="#">14706</a>	6 Port Single Row, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 56.885	<a href="#">14</a>
<a href="#">14708</a>	8 Port Single Row, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 52.656	<a href="#">14</a>
<a href="#">14733</a>	6 Port Opposing Rows, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 31.520	<a href="#">14</a>
<a href="#">14744</a>	8 Port Opposing Rows, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee	WSL	5	ea.	\$ 36.251	<a href="#">14</a>
<a href="#">15005</a>	1/2" PEX HPP Plug		25	ea.	\$ 0.768	<a href="#">26</a>
<a href="#">15022</a>	3/4" PEX HPP Plug		25	ea.	\$ 1.255	<a href="#">26</a>
<a href="#">15028</a>	1" PEX HPP Plug		5	ea.	\$ 2.083	<a href="#">26</a>
<a href="#">16222</a>	3/4" x 3/4" x 3/4" PEX HPP Tee		25	ea.	\$ 2.963	<a href="#">24</a>
<a href="#">16225</a>	3/4" x 3/4" x 1/2" PEX HPP Tee		25	ea.	\$ 2.738	<a href="#">24</a>
<a href="#">16228</a>	3/4" x 3/4" x 1" PEX HPP Tee		5	ea.	\$ 6.316	<a href="#">24</a>
<a href="#">16252</a>	3/4" x 1/2" x 3/4" PEX HPP Tee		25	ea.	\$ 2.895	<a href="#">24</a>
<a href="#">16255</a>	3/4" x 1/2" x 1/2" PEX HPP Tee		25	ea.	\$ 2.284	<a href="#">24</a>
<a href="#">16552</a>	1/2" x 1/2" x 3/4" PEX HPP Tee		25	ea.	\$ 2.425	<a href="#">24</a>
<a href="#">16555</a>	1/2" x 1/2" x 1/2" PEX HPP Tee		25	ea.	\$ 1.927	<a href="#">24</a>
<a href="#">16822</a>	1" x 3/4" x 3/4" PEX HPP Tee		5	ea.	\$ 6.538	<a href="#">24</a>
<a href="#">16828</a>	1" x 3/4" x 1" PEX HPP Tee		5	ea.	\$ 6.161	<a href="#">24</a>
<a href="#">16882</a>	1" x 1" x 3/4" PEX HPP Tee		5	ea.	\$ 5.949	<a href="#">24</a>
<a href="#">16885</a>	1" x 1" x 1/2" PEX HPP Tee		10	ea.	\$ 5.813	<a href="#">24</a>
<a href="#">16888</a>	1" x 1" x 1" PEX HPP Tee		10	ea.	\$ 7.653	<a href="#">24</a>
<a href="#">17505</a>	1/2" PEX x 1/2" MNPT HPP Adapter		25	ea.	\$ 2.227	<a href="#">20</a>
<a href="#">17522</a>	3/4" PEX x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.883	<a href="#">20</a>
<a href="#">17525</a>	3/4" PEX x 1/2" MNPT HPP Adapter	WSL	25	ea.	\$ 1.898	<a href="#">20</a>
<a href="#">17552</a>	1/2" PEX x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.799	<a href="#">20</a>
<a href="#">17705</a>	1/2" PEX x Ballcock/Closet FNPT Swivel HPP Adapter	WSL	25	ea.	\$ 3.550	<a href="#">22</a>
<a href="#">17755</a>	1/2" PEX x 1/2" FNPT Swivel HPP Adapter		25	ea.	\$ 2.783	<a href="#">22</a>
<a href="#">18005</a>	1/2" x 1/2" PEX HPP Elbow		25	ea.	\$ 1.365	<a href="#">18</a>
<a href="#">18022</a>	3/4" x 3/4" PEX HPP Elbow		25	ea.	\$ 2.308	<a href="#">18</a>
<a href="#">18028</a>	1" x 1" PEX HPP Elbow		10	ea.	\$ 5.391	<a href="#">18</a>
<a href="#">18225</a>	3/4" x 1/2" PEX HPP Elbow		10	ea.	\$ 2.153	<a href="#">18</a>
<a href="#">18605</a>	1/2" PEX x 1/2" FNPT HPP Swivel Elbow	WSL	25	ea.	\$ 2.766	<a href="#">22</a>
<a href="#">19005</a>	1/2" x 1/2" PEX HPP Coupling		25	ea.	\$ 1.069	<a href="#">17</a>
<a href="#">19022</a>	3/4" x 3/4" PEX HPP Coupling		25	ea.	\$ 1.658	<a href="#">17</a>



Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">19028</a>	1" x 1" PEX HPP Coupling		10	ea.	\$ 3.202	<a href="#">17</a>
<a href="#">19225</a>	¾" x ½" PEX HPP Coupling		25	ea.	\$ 1.320	<a href="#">17</a>
<a href="#">19282</a>	1" x ¾" PEX HPP Coupling		5	ea.	\$ 3.089	<a href="#">17</a>
<a href="#">20105</a>	½" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 86.500	<a href="#">5</a>
<a href="#">20105BW</a>	½" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 95.800	<a href="#">7</a>
<a href="#">20122</a>	¾" 100ft Blue PureLink® Plus UV Stabilized PEX-a PexCube™		3	coil	\$ 160.100	<a href="#">5</a>
<a href="#">20122BW</a>	¾" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a PexCube™		3	coil	\$ 177.700	<a href="#">7</a>
<a href="#">20128</a>	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 267.30	<a href="#">43, 5</a>
<a href="#">20128BW</a>	1" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 296.500	<a href="#">7</a>
<a href="#">20135</a>	1-¼" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 567.600	<a href="#">9</a>
<a href="#">20145</a>	1-½" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 746.400	<a href="#">9</a>
<a href="#">20154</a>	2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 1,491.000	<a href="#">9</a>
<a href="#">20205</a>	½" 20x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 346.000	<a href="#">5</a>
<a href="#">20205BW</a>	½" 20x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 383.200	<a href="#">7</a>
<a href="#">20222</a>	¾" 10x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 320.200	<a href="#">5</a>
<a href="#">20222BW</a>	¾" 10x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 355.400	<a href="#">7</a>
<a href="#">20228</a>	1" 5x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 267.300	<a href="#">5</a>
<a href="#">20228BW</a>	1" 5x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 296.500	<a href="#">7</a>
<a href="#">20235</a>	1-¼" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 567.600	<a href="#">9</a>
<a href="#">20245</a>	1-½" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 746.400	<a href="#">9</a>
<a href="#">20254</a>	2" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 1,491.000	<a href="#">9</a>
<a href="#">20305</a>	½" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 259.50	<a href="#">43, 5</a>
<a href="#">20305BW</a>	½" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 287.400	<a href="#">7</a>
<a href="#">20322</a>	¾" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 480.30	<a href="#">43, 5</a>
<a href="#">20322BW</a>	¾" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 533.100	<a href="#">7</a>
<a href="#">20328</a>	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 801.90	<a href="#">43, 5</a>
<a href="#">20328BW</a>	1" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 889.500	<a href="#">7</a>
<a href="#">20335</a>	1-¼" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 1,702.800	<a href="#">9</a>
<a href="#">20345</a>	1-½" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 2,239.200	<a href="#">9</a>
<a href="#">20354</a>	2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 4,473.000	<a href="#">9</a>
<a href="#">20405</a>	½" 25x12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 259.500	<a href="#">5</a>
<a href="#">20422</a>	¾" 10x12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 192.120	<a href="#">5</a>
<a href="#">20428</a>	1" 5x12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 160.380	<a href="#">5</a>
<a href="#">20435</a>	1-¼" 5x12ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 340.560	<a href="#">9</a>
<a href="#">20505</a>	½" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 432.50	<a href="#">43, 5</a>
<a href="#">20522</a>	¾" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 800.50	<a href="#">43, 5</a>
<a href="#">20905</a>	½" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 865.00	<a href="#">43, 5</a>
<a href="#">21105</a>	½" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 86.500	<a href="#">6</a>
<a href="#">21105RW</a>	½" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 95.800	<a href="#">8</a>
<a href="#">21122</a>	¾" 100ft Red PureLink® Plus UV Stabilized PEX-a PexCube		3	coil	\$ 160.100	<a href="#">6</a>
<a href="#">21122RW</a>	¾" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a PexCube™		3	coil	\$ 177.700	<a href="#">8</a>
<a href="#">21128</a>	1" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 267.300	<a href="#">6</a>
<a href="#">21128RW</a>	1" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 296.500	<a href="#">8</a>
<a href="#">21205</a>	½" 20x20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 346.000	<a href="#">6</a>
<a href="#">21205RW</a>	½" 20x20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 383.200	<a href="#">8</a>
<a href="#">21222</a>	¾" 10x20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 320.200	<a href="#">6</a>
<a href="#">21222RW</a>	¾" 10x20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 355.400	<a href="#">8</a>
<a href="#">21228</a>	1" 5x20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 267.300	<a href="#">6</a>
<a href="#">21228RW</a>	1" 5x20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 296.500	<a href="#">8</a>
<a href="#">21305</a>	½" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 259.500	<a href="#">6</a>
<a href="#">21305RW</a>	½" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 287.400	<a href="#">8</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">21322</a>	¾" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 480.300	<a href="#">6</a>
<a href="#">21322RW</a>	¾" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 533.100	<a href="#">8</a>
<a href="#">21328</a>	1" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 801.900	<a href="#">6</a>
<a href="#">21328RW</a>	1" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 889.500	<a href="#">8</a>
<a href="#">21405</a>	½" 25×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 259.500	<a href="#">6</a>
<a href="#">21422</a>	¾" 10×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 192.120	<a href="#">6</a>
<a href="#">21505</a>	½" 500ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 432.500	<a href="#">6</a>
<a href="#">23015</a>	½" PEX Insert Manifold Connector		5	ea.	\$ 5.30	<a href="#">49</a>
<a href="#">23032</a>	¾" PEX Insert Manifold Connector c/w Nut		5	ea.	\$ 8.56	<a href="#">49</a>
<a href="#">23305NL</a>	½" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	10	ea.	\$ 10.580	<a href="#">28</a>
<a href="#">23322NL</a>	¾" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	10	ea.	\$ 14.260	<a href="#">28</a>
<a href="#">23328NL</a>	1" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	6	ea.	\$ 23.470	<a href="#">28</a>
<a href="#">23335NL</a>	1-¼" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	4	ea.	\$ 41.320	<a href="#">28</a>
<a href="#">23341NL</a>	1-½" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	2	ea.	\$ 54.260	<a href="#">28</a>
<a href="#">23354NL</a>	2" PEX F1807 No Lead Brass Ball Valve, Full Port	New!	2	ea.	\$ 89.860	<a href="#">28</a>
<a href="#">23405NL</a>	½" PEX × ½" No Lead M/Sweat Straight Ball Valve	WSL	24	ea.	\$ 11.150	<a href="#">28</a>
<a href="#">23422NL</a>	¾" PEX × ¾" MNPT No Lead Straight Ball Valve	Discontinued; see 23822NL	12	ea.	\$ 40.418	
<a href="#">23505NL</a>	½" PEX × ¾" O.D. No Lead Brass Plated Straight Ball Valve		24	ea.	\$ 26.631	<a href="#">27</a>
<a href="#">23605NL</a>	½" PEX × ¾" O.D. No Lead Brass Plated Angle Ball Valve		24	ea.	\$ 26.887	<a href="#">27</a>
<a href="#">23705NL</a>	½" PEX Straight No Lead Brass Ball Valve		24	ea.	\$ 28.370	<a href="#">27</a>
<a href="#">23722NL</a>	¾" PEX Straight No Lead Brass Ball Valve		24	ea.	\$ 35.728	<a href="#">27</a>
<a href="#">23772NL</a>	¾" PEX No Lead Stop and Waste Valve	WSL	12	ea.	\$ 38.470	<a href="#">27</a>
<a href="#">23775NL</a>	½" PEX No Lead Stop and Waste Valve	WSL	24	ea.	\$ 28.032	<a href="#">27</a>
<a href="#">23822NL</a>	¾" PEX F1807 × ¾" MNPT No Lead Brass Ball Valve	New!	10	ea.	\$ 17.310	<a href="#">28</a>
<a href="#">23905NL</a>	½" PEX × ¼" O.D. No Lead Straight Ball Valve		24	ea.	\$ 29.164	<a href="#">27</a>
<a href="#">24205</a>	½" SS Press Sleeve		100	ea.	\$ 0.471	<a href="#">12</a>
<a href="#">24222</a>	¾" SS Press Sleeve		50	ea.	\$ 0.739	<a href="#">12</a>
<a href="#">24228</a>	1" SS Press Sleeve		50	ea.	\$ 1.487	<a href="#">12</a>
<a href="#">24235</a>	1-¼" SS Press Sleeve		10	ea.	\$ 5.834	<a href="#">12</a>
<a href="#">24241</a>	1-½" SS Press Sleeve		10	ea.	\$ 6.957	<a href="#">12</a>
<a href="#">24250</a>	2" SS Press Sleeve		10	ea.	\$ 8.828	<a href="#">12</a>
<a href="#">25005NL</a>	½" PEX No Lead Brass Plug		25	ea.	\$ 1.982	<a href="#">26</a>
<a href="#">25022NL</a>	¾" PEX No Lead Brass Plug		25	ea.	\$ 2.842	<a href="#">26</a>
<a href="#">25028NL</a>	1" PEX No Lead Brass Plug		5	ea.	\$ 4.162	<a href="#">26</a>
<a href="#">25035NL</a>	1-¼" PEX No Lead Brass Plug		5	ea.	\$ 10.913	<a href="#">26</a>
<a href="#">25041NL</a>	1-½" PEX No Lead Brass Plug		5	ea.	\$ 51.319	<a href="#">26</a>
<a href="#">25054NL</a>	2" PEX No Lead Brass Plug		5	ea.	\$ 53.764	<a href="#">26</a>
<a href="#">25751NL</a>	½" PEX × ¾" O.D. No Lead Brass Adapter		5	ea.	\$ 4.237	<a href="#">22</a>
<a href="#">26222NL</a>	¾" × ¾" × ¾" PEX No Lead Brass Tee		25	ea.	\$ 6.667	<a href="#">24</a>
<a href="#">26225NL</a>	¾" × ¾" × ½" PEX No Lead Brass Tee		25	ea.	\$ 6.512	<a href="#">25</a>
<a href="#">26252NL</a>	¾" × ½" × ¾" PEX No Lead Brass Tee		25	ea.	\$ 6.638	<a href="#">25</a>
<a href="#">26255NL</a>	¾" × ½" × ½" PEX No Lead Brass Tee		25	ea.	\$ 6.499	<a href="#">25</a>
<a href="#">26322NL</a>	1-¼" × ¾" × ¾" PEX No Lead Brass Tee	WSL	5	ea.	\$ 20.943	<a href="#">25</a>
<a href="#">26332NL</a>	1-¼" × 1-¼" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 32.996	<a href="#">25</a>
<a href="#">26333NL</a>	1-¼" × 1-¼" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 34.217	<a href="#">24</a>
<a href="#">26335NL</a>	1-¼" × 1-¼" × ½" PEX No Lead Brass Tee		5	ea.	\$ 29.514	<a href="#">25</a>
<a href="#">26338NL</a>	1-¼" × 1-¼" × 1" PEX No Lead Brass Tee		5	ea.	\$ 39.799	<a href="#">25</a>
<a href="#">26382NL</a>	1-¼" × 1" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 33.639	<a href="#">25</a>
<a href="#">26388NL</a>	1-¼" × 1" × 1" PEX No Lead Brass Tee		5	ea.	\$ 37.163	<a href="#">25</a>
<a href="#">26422NL</a>	1-½" × ¾" × ¾" PEX No Lead Brass Tee	WSL	5	ea.	\$ 36.221	<a href="#">25</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">26432NL</a>	1-1/2" x 1-1/4" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 57.150	<a href="#">25</a>
<a href="#">26433NL</a>	1-1/2" x 1-1/4" x 1-1/4" PEX No Lead Brass Tee	WSL	5	ea.	\$ 46.139	<a href="#">25</a>
<a href="#">26442NL</a>	1-1/2" x 1-1/2" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 45.708	<a href="#">25</a>
<a href="#">26443NL</a>	1-1/2" x 1-1/2" x 1-1/4" PEX No Lead Brass Tee	WSL	5	ea.	\$ 51.823	<a href="#">25</a>
<a href="#">26444NL</a>	1-1/2" x 1-1/2" x 1-1/2" PEX No Lead Brass Tee		5	ea.	\$ 72.263	<a href="#">24</a>
<a href="#">26448NL</a>	1-1/2" x 1-1/2" x 1" PEX No Lead Brass Tee		5	ea.	\$ 66.199	<a href="#">25</a>
<a href="#">26488NL</a>	1-1/2" x 1" x 1" PEX No Lead Brass Tee		5	ea.	\$ 61.396	<a href="#">25</a>
<a href="#">26552NL</a>	1/2" x 1/2" x 3/4" PEX No Lead Brass Tee	WSL	10	ea.	\$ 4.298	<a href="#">25</a>
<a href="#">26555NL</a>	1/2" x 1/2" x 1/2" PEX No Lead Brass Tee		25	ea.	\$ 4.211	<a href="#">24</a>
<a href="#">26633NL</a>	2" x 1-1/4" x 1-1/4" PEX No Lead Brass Tee		5	ea.	\$ 153.856	<a href="#">25</a>
<a href="#">26642NL</a>	2" x 1-1/2" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 113.975	<a href="#">25</a>
<a href="#">26643NL</a>	2" x 1-1/2" x 1-1/4" PEX No Lead Brass Tee		5	ea.	\$ 121.951	<a href="#">25</a>
<a href="#">26644NL</a>	2" x 1-1/2" x 1-1/2" PEX No Lead Brass Tee		5	ea.	\$ 134.555	<a href="#">25</a>
<a href="#">26648NL</a>	2" x 1-1/2" x 1" PEX No Lead Brass Tee		5	ea.	\$ 117.593	<a href="#">25</a>
<a href="#">26662NL</a>	2" x 2" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 115.512	<a href="#">25</a>
<a href="#">26663NL</a>	2" x 2" x 1-1/4" PEX No Lead Brass Tee		5	ea.	\$ 117.028	<a href="#">25</a>
<a href="#">26664NL</a>	2" x 2" x 1-1/2" PEX No Lead Brass Tee		5	ea.	\$ 132.149	<a href="#">25</a>
<a href="#">26666NL</a>	2" x 2" x 2" PEX No Lead Brass Tee		5	ea.	\$ 138.133	<a href="#">24</a>
<a href="#">26668NL</a>	2" x 2" x 1" PEX No Lead Brass Tee		5	ea.	\$ 112.759	<a href="#">25</a>
<a href="#">26822NL</a>	1" x 3/4" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 14.689	<a href="#">25</a>
<a href="#">26882NL</a>	1" x 1" x 3/4" PEX No Lead Brass Tee		5	ea.	\$ 15.680	<a href="#">25</a>
<a href="#">26885NL</a>	1" x 1" x 1/2" PEX No Lead Brass Tee		10	ea.	\$ 13.863	<a href="#">25</a>
<a href="#">26888NL</a>	1" x 1" x 1" PEX No Lead Brass Tee		10	ea.	\$ 14.243	<a href="#">24</a>
<a href="#">27105NL</a>	1/2" PEX x 1/2" M/Sweat No Lead Brass Adapter		25	ea.	\$ 2.787	<a href="#">23</a>
<a href="#">27122NL</a>	3/4" PEX x 3/4" M/Sweat No Lead Brass Adapter		25	ea.	\$ 5.313	<a href="#">23</a>
<a href="#">27128NL</a>	1" PEX x 1" M/Sweat No Lead Brass Adapter		10	ea.	\$ 9.213	<a href="#">23</a>
<a href="#">27135NL</a>	1-1/4" PEX x 1-1/4" M/Sweat No Lead Brass Adapter		5	ea.	\$ 17.562	<a href="#">23</a>
<a href="#">27141NL</a>	1-1/2" PEX x 1-1/2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 60.386	<a href="#">23</a>
<a href="#">27154NL</a>	2" PEX x 2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 75.108	<a href="#">23</a>
<a href="#">27205NL</a>	1/2" PEX x 1/2" F/Sweat No Lead Brass Adapter		25	ea.	\$ 3.164	<a href="#">23</a>
<a href="#">27222NL</a>	3/4" PEX x 3/4" F/Sweat No Lead Brass Adapter		25	ea.	\$ 5.792	<a href="#">23</a>
<a href="#">27228NL</a>	1" PEX x 1" F/Sweat No Lead Brass Adapter		10	ea.	\$ 12.995	<a href="#">23</a>
<a href="#">27235NL</a>	1-1/4" PEX x 1-1/4" F/Sweat No Lead Brass Adapter		5	ea.	\$ 21.117	<a href="#">23</a>
<a href="#">27328NL</a>	3/4" PEX x 1" F/Sweat No Lead Adapter	WSL	10	ea.	\$ 5.899	<a href="#">23</a>
<a href="#">27505NL</a>	1/2" PEX x 1/2" MNPT No Lead Brass Adapter		25	ea.	\$ 5.792	<a href="#">20</a>
<a href="#">27522NL</a>	3/4" PEX x 3/4" MNPT No Lead Brass Adapter		25	ea.	\$ 8.405	<a href="#">20</a>
<a href="#">27525NL</a>	3/4" PEX x 1/2" MNPT No Lead Brass Adapter		25	ea.	\$ 8.136	<a href="#">20</a>
<a href="#">27528NL</a>	1" PEX x 1" MNPT No Lead Brass Adapter		10	ea.	\$ 15.371	<a href="#">20</a>
<a href="#">27535NL</a>	1-1/4" PEX x 1-1/4" MNPT No Lead Brass Adapter		5	ea.	\$ 36.903	<a href="#">20</a>
<a href="#">27538NL</a>	1-1/4" PEX x 1" MNPT No Lead Brass Adapter		5	ea.	\$ 24.092	<a href="#">20</a>
<a href="#">27541NL</a>	1-1/2" PEX x 1-1/2" MNPT No Lead Brass Adapter		5	ea.	\$ 39.187	<a href="#">20</a>
<a href="#">27552NL</a>	1/2" PEX x 3/4" MNPT No Lead Brass Adapter		10	ea.	\$ 8.126	<a href="#">20</a>
<a href="#">27554NL</a>	2" PEX x 2" MNPT No Lead Brass Adapter		5	ea.	\$ 116.121	<a href="#">20</a>
<a href="#">27582NL</a>	1" PEX x 3/4" MNPT No Lead Brass Adapter		5	ea.	\$ 10.735	<a href="#">20</a>
<a href="#">27605NL</a>	1/2" PEX x 1/2" FNPT No Lead Brass Adapter		25	ea.	\$ 7.001	<a href="#">21</a>
<a href="#">27622NL</a>	3/4" PEX x 3/4" FNPT No Lead Brass Adapter		25	ea.	\$ 10.113	<a href="#">21</a>
<a href="#">27628NL</a>	1" PEX x 1" FNPT No Lead Brass Adapter		25	ea.	\$ 13.582	<a href="#">21</a>
<a href="#">27632NL</a>	1-1/4" PEX x 3/4" FNPT No Lead Brass Adapter	WSL	5	ea.	\$ 20.338	<a href="#">21</a>
<a href="#">27635NL</a>	1-1/4" PEX x 1-1/4" FNPT No Lead Brass Adapter		5	ea.	\$ 43.350	<a href="#">21</a>
<a href="#">27638NL</a>	1-1/4" PEX x 1" FNPT No Lead Brass Adapter	WSL	5	ea.	\$ 25.731	<a href="#">21</a>
<a href="#">27641NL</a>	1-1/2" PEX x 1-1/2" FNPT No Lead Brass Adapter	WSL	5	ea.	\$ 63.244	<a href="#">21</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">28005NL</a>	½" × ½" PEX No Lead Brass Elbow		25	ea.	\$ 3.333	<a href="#">18</a>
<a href="#">28022NL</a>	¾" × ¾" PEX No Lead Brass Elbow		25	ea.	\$ 5.076	<a href="#">18</a>
<a href="#">28028NL</a>	1" × 1" PEX No Lead Brass Elbow		10	ea.	\$ 11.761	<a href="#">18</a>
<a href="#">28035NL</a>	1-¼" × 1-¼" PEX No Lead Brass Elbow		5	ea.	\$ 21.908	<a href="#">18</a>
<a href="#">28041NL</a>	1-½" × 1-½" PEX No Lead Brass Elbow		5	ea.	\$ 52.955	<a href="#">18</a>
<a href="#">28054NL</a>	2" × 2" PEX No Lead Brass Elbow		5	ea.	\$ 98.594	<a href="#">18</a>
<a href="#">28205</a>	½" PEX Barb Stubout Elbow with Edge Bracket		25	ea.	\$ 14.230	<a href="#">29</a>
<a href="#">28206</a>	½" PEX × Closed, 3-½" × 6" Stub-out Elbow		50	ea.	\$ 8.901	<a href="#">29</a>
<a href="#">28225NL</a>	¾" × ½" PEX No Lead Brass Elbow	WSL	10	ea.	\$ 4.199	<a href="#">18</a>
<a href="#">28305NL</a>	½" PEX × ½" FNPT Drop Ear No Lead Brass Elbow		10	ea.	\$ 14.031	<a href="#">21</a>
<a href="#">28535NL</a>	1-¼" PEX × 1-¼" MNPT No Lead Brass Elbow		5	ea.	\$ 44.230	<a href="#">19</a>
<a href="#">29005NL</a>	½" × ½" PEX No Lead Brass Coupling		25	ea.	\$ 2.443	<a href="#">16</a>
<a href="#">29022NL</a>	¾" × ¾" PEX No Lead Brass Coupling		25	ea.	\$ 3.434	<a href="#">16</a>
<a href="#">29028NL</a>	1" × 1" PEX No Lead Brass Coupling		10	ea.	\$ 5.296	<a href="#">16</a>
<a href="#">29035NL</a>	1-¼" × 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 11.095	<a href="#">16</a>
<a href="#">29041NL</a>	1-½" × 1-½" PEX No Lead Brass Coupling		5	ea.	\$ 39.140	<a href="#">16</a>
<a href="#">29054NL</a>	2" × 2" PEX No Lead Brass Coupling		5	ea.	\$ 58.698	<a href="#">16</a>
<a href="#">29225NL</a>	¾" × ½" PEX No Lead Brass Coupling		25	ea.	\$ 4.294	<a href="#">16</a>
<a href="#">29238NL</a>	1-¼" × 1" PEX No Lead Brass Coupling		5	ea.	\$ 11.463	<a href="#">16</a>
<a href="#">29243NL</a>	1-½" × 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 21.389	<a href="#">16</a>
<a href="#">29248NL</a>	1-½" × 1" PEX No Lead Brass Coupling		5	ea.	\$ 36.269	<a href="#">16</a>
<a href="#">29263NL</a>	2" × 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 54.715	<a href="#">16</a>
<a href="#">29264NL</a>	2" × 1-½" PEX No Lead Brass Coupling		5	ea.	\$ 57.447	<a href="#">16</a>
<a href="#">29282NL</a>	1" × ¾" PEX No Lead Brass Coupling		10	ea.	\$ 5.813	<a href="#">16</a>
<a href="#">30071</a>	Universal Sensor (10K)		1	ea.	\$ 73.29	<a href="#">78</a>
<a href="#">30072</a>	Slab Sensor (10K) PVC Sleeve 20ft Cable		1	ea.	\$ 246.94	<a href="#">78</a>
<a href="#">30073</a>	Slab Sensor (10K) PVC Sleeve 40ft Cable		1	ea.	\$ 419.50	<a href="#">78</a>
<a href="#">30076</a>	Indoor Sensor (10K) Small Enclosure	WSL	1	ea.	\$ 90.82	<a href="#">143</a>
<a href="#">30077</a>	Indoor Sensor (10K) Flush Mount	WSL	1	ea.	\$ 140.03	<a href="#">143</a>
<a href="#">30079</a>	Slab Sensor (10K) SS Sleeve 10ft Cable		1	ea.	\$ 88.66	<a href="#">78</a>
<a href="#">30090</a>	Snow/Ice Sensor (10K) 65 ft cable		1	ea.	\$ 2,018.03	<a href="#">78</a> , <a href="#">128</a>
<a href="#">30091</a>	Snow/Ice Sensor Socket		1	ea.	\$ 458.63	<a href="#">78</a> , <a href="#">128</a>
<a href="#">30092</a>	SnowMeltingKit-Start/StopModule w/Slab and UniversalSensor	WSL	1	ea.	\$ 1,091.35	<a href="#">143</a>
<a href="#">31355</a>	HeatLink® Compact Mixing Reset Control		1	ea.	\$ 925.54	<a href="#">77</a>
<a href="#">31680</a>	Snow Melt Control 680-BMS BACnet (30090,30091,Snow/Ice Sensor sold sep)		1	ea.	\$ 7,316.05	<a href="#">77</a>
<a href="#">3WMIX</a>	3-Way Mixing Panel 1-¼" 26-99 Pump		1	ea.	\$ 7,996.00	<a href="#">118</a>
<a href="#">3WMIX-BMS</a>	3-Way Mixing Panel 1-¼" 26-99 Pump BMS		1	ea.	\$ 6,542.00	<a href="#">118</a>
<a href="#">3WMIX-SMCP</a>	3-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt		1	ea.	\$ 8,856.00	<a href="#">121</a>
<a href="#">3WMIXHH</a>	3-Way Mixing Panel 1-¼" 26-150 Pump		1	ea.	\$ 9,413.00	<a href="#">118</a>
<a href="#">3WMIXHH-BMS</a>	3-Way Mixing Panel 1-¼" 26-150 Pump BMS		1	ea.	\$ 8,613.00	<a href="#">118</a>
<a href="#">3WMIXHH-SMCP</a>	3-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt		1	ea.	\$ 10,725.00	<a href="#">121</a>
<a href="#">40226</a>	StatLink® 6 Zone Base Module	Discontinued; see 40318	1	ea.	\$ 199.17	
<a href="#">40318</a>	StatLink® 8 Zone Wired Module		1	ea.	\$ 253.65	<a href="#">76</a>
<a href="#">40328</a>	StatLink® 8 Zone Wireless Module		1	ea.	\$ 433.20	<a href="#">70</a>
<a href="#">41316</a>	6 Zone Pump Wiring Center		1	ea.	\$ 442.97	<a href="#">75</a>
<a href="#">43301</a>	Wireless Internet Gateway		1	ea.	\$ 381.92	<a href="#">69</a>
<a href="#">43302</a>	Wireless Relay		1	ea.	\$ 156.51	<a href="#">71</a>
<a href="#">43303</a>	Door/Window Sensor		1	ea.	\$ 101.89	<a href="#">72</a>
<a href="#">43304</a>	Wireless Smart Plug / Repeater		1	ea.	\$ 108.35	<a href="#">71</a>
<a href="#">43305</a>	External Antenna		1	ea.	\$ 64.99	<a href="#">72</a>
<a href="#">43306</a>	Co-ordinator		1	ea.	\$ 148.82	<a href="#">74</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">43307</a>	Repeater		1	ea.	\$ 116.86	<a href="#">74</a>
<a href="#">43310</a>	Water Leak Sensor		1	ea.	\$ 118.14	<a href="#">73</a>
<a href="#">43311</a>	Inline Shutoff Valve		1	ea.	\$ 400.30	<a href="#">73</a>
<a href="#">44325</a>	StatLink® Installation Track, 25"		1	ea.	\$ 32.88	<a href="#">76</a>
<a href="#">45032</a>	8 Pin Round Socket for AC Relay	WSL	1	ea.	\$ 43.08	<a href="#">143</a>
<a href="#">45112</a>	HeatLink® 24Vac DPDT Pump Relay Box		1	ea.	\$ 260.95	<a href="#">75</a>
<a href="#">45813</a>	1A TimeDelay(SlowBlow)5×20mmGlassFuse for 461Thermostats	WSL	1	ea.	\$ 5.09	<a href="#">143</a>
<a href="#">45822</a>	2A Medium Lag (Med. Blow) 5×20mm Glass Fuse for 40190	WSL	1	pair	\$ 10.17	<a href="#">143</a>
<a href="#">46645</a>	HeatLink® Wired Digital Timer Thermostat		1	ea.	\$ 146.16	<a href="#">75</a>
<a href="#">46801W</a>	HeatLink® Wireless Digital Thermostat		1	ea.	\$ 170.45	<a href="#">69</a>
<a href="#">4WMIX</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump		1	ea.	\$ 7,996.00	<a href="#">119</a>
<a href="#">4WMIX-BMS</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump BMS		1	ea.	\$ 6,542.00	<a href="#">119</a>
<a href="#">4WMIX-HH-SMCP-BAC</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt (requires OPT-SMP-680)		1	ea.	\$ 11,533.00	<a href="#">123</a>
<a href="#">4WMIX-SMCP</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt		1	ea.	\$ 8,856.00	<a href="#">122</a>
<a href="#">4WMIX-SMCP-BAC</a>	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt (requires OPT-SMP-680)		1	ea.	\$ 9,918.00	<a href="#">123</a>
<a href="#">4WMIXHH</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump		1	ea.	\$ 9,413.00	<a href="#">119</a>
<a href="#">4WMIXHH-BMS</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump BMS		1	ea.	\$ 8,613.00	<a href="#">119</a>
<a href="#">4WMIXHH-SMCP</a>	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt		1	ea.	\$ 10,725.00	<a href="#">122</a>
<a href="#">56081</a>	Zone Valve Ring for 56201 and 56231 Actuator	WSL	1	ea.	\$ 2.24	<a href="#">143</a>
<a href="#">56090</a>	TwistSeal® Manifold Actuator Ring	WSL	1	ea.	\$ 4.68	<a href="#">143</a>
<a href="#">56091</a>	Valve Actuator Ring	WSL	1	ea.	\$ 5.93	<a href="#">143</a>
<a href="#">56121</a>	HeatLink® DDC Actuator for Manifolds and Valves		1	ea.	\$ 262.50	<a href="#">66</a>
<a href="#">56200</a>	HeatLink® TwistSeal® Manifold Actuator with LED		1	ea.	\$ 114.80	<a href="#">66</a>
<a href="#">56201</a>	HeatLink® Valve & SS Manifold Actuator with LED		1	ea.	\$ 99.62	<a href="#">66</a>
<a href="#">56202</a>	HeatLink® Multiport Manifold Actuator with LED		1	ea.	\$ 110.12	<a href="#">66</a>
<a href="#">56230</a>	HeatLink® TwistSeal® Manifold Actuator c/w End Switch		1	ea.	\$ 174.22	<a href="#">66</a>
<a href="#">56231</a>	HeatLink® Valve & SS Manifold Actuator c/w End Switch		1	ea.	\$ 142.33	<a href="#">66</a>
<a href="#">56232</a>	HeatLink® Multiport Manifold Actuator c/w End Switch		1	ea.	\$ 177.35	<a href="#">66</a>
<a href="#">56401</a>	Wireless Valve Actuator		1	ea.	\$ 171.15	<a href="#">70</a>
<a href="#">57091</a>	Thermostatic Head (16°-28°C)	WSL	1	ea.	\$ 82.28	<a href="#">61</a>
<a href="#">57094</a>	Thermostatic Head c/w Capillary (68°-158°F)		1	ea.	\$ 344.39	<a href="#">61</a>
<a href="#">58052</a>	Plastic Mixing Valve Motor Coupling for 1" - 2" 4-Way Valves	WSL	1	ea.	\$ 37.13	<a href="#">142</a>
<a href="#">58130.1</a>	Adapter for HeatLink 1"- 2" Rotary Actuator to WITA Valve		1	ea.	\$ 129.35	<a href="#">142</a>
<a href="#">58131</a>	Mixing Valve Motor for 1" to 2" FNPT Valves 3-Point Floating		1	ea.	\$ 785.66	<a href="#">62</a>
<a href="#">58132</a>	Mixing Valve Motor for 1" to 2" FNPT Valves DDC		1	ea.	\$ 1,040.53	<a href="#">62</a>
<a href="#">58199</a>	Mixing Valve Motor for 2-1/2" to 4" Flange Mixing Valves	WSL	1	ea.	\$ 549.98	<a href="#">143</a>
<a href="#">58200</a>	Mixing Valve Motor for 2" to 4" Flange Mixing Valves 3-Point Floating		1	ea.	\$ 1,226.51	<a href="#">64</a>
<a href="#">58300</a>	Mixing Valve Motor for 2" to 4" Flange Mixing Valves DDC		1	ea.	\$ 2,184.99	<a href="#">64</a>
<a href="#">58850</a>	AccessryPack #58150 v2 Mounted on Black CastIronMixingVlv	WSL	1	ea.	\$ 43.54	<a href="#">142</a>
<a href="#">58950</a>	Accessory Pack for #58150 v1 (Rectangle, SM5)	WSL	1	ea.	\$ 43.54	<a href="#">142</a>
<a href="#">60020V</a>	Pressure Activated Bypass Valve 3/4"		1	ea.	\$ 234.19	<a href="#">65</a>
<a href="#">60025V</a>	Pressure Activated Bypass Valve 1"		1	ea.	\$ 301.41	<a href="#">65</a>
<a href="#">60040V</a>	Pressure Activated Bypass Valve 1-1/4"		1	ea.	\$ 398.70	<a href="#">65</a>
<a href="#">62016V</a>	Straight Zone Valve 1/2" NPT		1	ea.	\$ 106.70	<a href="#">60</a>
<a href="#">62020V</a>	Straight Zone Valve 3/4" NPT		1	ea.	\$ 137.20	<a href="#">60</a>
<a href="#">62025V</a>	Straight Zone Valve 1" NPT		1	ea.	\$ 171.91	<a href="#">60</a>
<a href="#">62030V</a>	Straight Zone Valve 1-1/4" NPT		1	ea.	\$ 307.66	<a href="#">60</a>
<a href="#">62216</a>	Straight Zone Valve 1/2" NPT, Nickel Plated	WSL	1	ea.	\$ 84.22	<a href="#">60</a>
<a href="#">62220</a>	Straight Zone Valve 3/4" NPT, Nickel Plated	WSL	1	ea.	\$ 108.28	<a href="#">60</a>
<a href="#">62325</a>	Straight Balancing Valve 1" F/Sweat	WSL	1	ea.	\$ 167.58	<a href="#">65</a>
<a href="#">62816</a>	Zone Valve Insert 1/2" (Blue Cap)	WSL	1	ea.	\$ 86.00	<a href="#">142</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">62900V</a>	Zone Valve Insert for 62000V Series Valves	New!	1	ea	\$ 77.84	<a href="#">154</a>
<a href="#">62916</a>	Radiator Valve Insert ½" (Black Cap)	WSL	1	ea.	\$ 74.80	<a href="#">142</a>
<a href="#">62920</a>	Radiator Valve Insert ¾" (Black Cap)	WSL	1	ea.	\$ 93.34	<a href="#">142</a>
<a href="#">62925</a>	Zone Valve Insert 1" (Black Cap)	WSL	1	ea.	\$ 120.67	<a href="#">142</a>
<a href="#">62930</a>	Zone Valve Insert 1-¼" (Black Cap) and ¾" (Blue Cap)	WSL	1	ea.	\$ 129.74	<a href="#">142</a>
<a href="#">63026</a>	1" × 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 424.84	<a href="#">62</a>
<a href="#">63026.1</a>	1" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 127.30	<a href="#">142</a>
<a href="#">63539</a>	1-¼" × 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 484.11	<a href="#">62</a>
<a href="#">63541</a>	1-½" × 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 712.47	<a href="#">62</a>
<a href="#">63542.1</a>	1-¼" and 1-½" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 110.39	<a href="#">142</a>
<a href="#">63551</a>	2" × 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 857.38	<a href="#">62</a>
<a href="#">63551.1</a>	2" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 110.39	<a href="#">142</a>
<a href="#">63716</a>	½" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 277.77	<a href="#">59</a>
<a href="#">63720V</a>	¾" Compact 3-Way Mixing Valve		1	ea.	\$ 484.38	<a href="#">59</a>
<a href="#">63725V</a>	1" Compact 3-Way Mixing Valve		1	ea.	\$ 614.44	<a href="#">59</a>
<a href="#">63732</a>	1-¼" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 842.46	<a href="#">59</a>
<a href="#">64026</a>	1" × 4-Way FNPT Mixing Valve		1	ea.	\$ 427.07	<a href="#">62</a>
<a href="#">64031</a>	1-¼" × 4-Way FNPT Mixing Valve		1	ea.	\$ 458.35	<a href="#">62</a>
<a href="#">64041</a>	1-½" × 4-Way FNPT Mixing Valve		1	ea.	\$ 725.74	<a href="#">62</a>
<a href="#">64051</a>	2" × 4-Way FNPT Mixing Valve		1	ea.	\$ 923.18	<a href="#">62</a>
<a href="#">64164</a>	2" × 4-Way Flange Mixing Valve		1	ea.	\$ 1,574.94	<a href="#">63</a>
<a href="#">64164F</a>	2" DIN Flange		1	ea.	\$ 83.02	<a href="#">63</a>
<a href="#">64164G</a>	2" Gasket for DIN Flange		1	ea.	\$ 26.07	<a href="#">63</a>
<a href="#">64166</a>	2-½" × 4-Way Flange Mixing Valve		1	ea.	\$ 1,932.09	<a href="#">63</a>
<a href="#">64166F</a>	2-½" DIN Flange		1	ea.	\$ 101.63	<a href="#">63</a>
<a href="#">64166G</a>	2-½" Gasket for DIN Flange		1	ea.	\$ 45.35	<a href="#">63</a>
<a href="#">64181</a>	3" × 4-Way Flange Mixing Valve		1	ea.	\$ 2,694.83	<a href="#">63</a>
<a href="#">64181F</a>	3" DIN Flange		1	ea.	\$ 164.49	<a href="#">63</a>
<a href="#">64181G</a>	3" Gasket for DIN Flange		1	ea.	\$ 55.21	<a href="#">63</a>
<a href="#">64931</a>	Pressure Activated Bypass for Mixing Block 64331	WSL	1	ea.	\$ 128.77	<a href="#">142</a>
<a href="#">64950</a>	1-½" & 2" 4-Way Cast Iron Mixing Valve Repair Kit	WSL	1	ea.	\$ 428.33	<a href="#">142</a>
<a href="#">65000</a>	4" × 4-Way Flange Mixing Valve		1	ea.	\$ 3,693.91	<a href="#">63</a>
<a href="#">65000F</a>	4" DIN Flange		1	ea.	\$ 191.52	<a href="#">63</a>
<a href="#">65000G</a>	4" Gasket for DIN Flange		1	ea.	\$ 71.65	<a href="#">63</a>
<a href="#">67005</a>	½" PEX Comp. × ½" M/Sweat Adapter	Discontinued	1	ea.	\$ 13.26	
<a href="#">67019</a>	¾" PEX Comp. × ¾" M/Sweat Adapter		1	ea.	\$ 27.77	<a href="#">58</a>
<a href="#">67119</a>	¾" PEX Comp. × ¾" F/Sweat Adapter		1	ea.	\$ 28.42	<a href="#">58</a>
<a href="#">68012</a>	¾" PEX Comp. × ½" MNPT Adapter	WSL	1	ea.	\$ 15.42	<a href="#">141</a>
<a href="#">68019</a>	¾" PEX Comp. × ¾" MNPT Adapter		1	ea.	\$ 26.28	<a href="#">58</a>
<a href="#">69005</a>	½" × ½" PEX Comp. Coupling		1	ea.	\$ 43.87	<a href="#">58</a>
<a href="#">69019</a>	¾" × ¾" PEX Comp. Coupling		1	ea.	\$ 43.87	<a href="#">58</a>
<a href="#">69022</a>	¾" × ¾" PEX Comp. Coupling		1	ea.	\$ 62.78	<a href="#">58</a>
<a href="#">71724</a>	Recessed Manifold Housing 24"×23"×3-7/8"		1	ea.	\$ 547.82	<a href="#">57</a>
<a href="#">71730</a>	Recessed Manifold Housing 30"×23"×3-7/8"		1	ea.	\$ 605.76	<a href="#">57</a>
<a href="#">71743</a>	Recessed Manifold Housing 43-½"×23"×3-7/8"		1	ea.	\$ 705.31	<a href="#">57</a>
<a href="#">71901</a>	Key Lock for Manifold Housing Door		1	ea.	\$ 29.97	<a href="#">57</a>
<a href="#">72401</a>	Manifold Mounting Rails for Surface Mount Manifold Housings		1	ea.	\$ 59.58	<a href="#">57</a>
<a href="#">72434</a>	Surface Mounted Manifold Housing 34-½"×28-½"×5-7/8"		1	ea.	\$ 827.66	<a href="#">57</a>
<a href="#">72442</a>	Surface Mounted Manifold Housing 42-½"×28-½"×5-7/8"		1	ea.	\$ 942.24	<a href="#">57</a>
<a href="#">72446</a>	Surface Mounted Manifold Housing 46-½"×28-½"×5-7/8"		1	ea.	\$ 1,068.40	<a href="#">57</a>
<a href="#">72469</a>	Surface Mounted Manifold Housing 69"×28-½"×5-7/8"	Special Order*	1	ea.	\$ 1,704.50	<a href="#">57</a>



Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">72481</a>	Surface Mounted Manifold Housing 85"×28-½"×5-⅞"	Special Order*	1	ea.	\$ 1,932.25	<a href="#">57</a>
<a href="#">72493</a>	Surface Mounted Manifold Housing 93"×28-½"×5-⅞"	Special Order*	1	ea.	\$ 2,200.53	<a href="#">57</a>
<a href="#">76100</a>	Coupling for SS Manifold		1	ea.	\$ 57.04	<a href="#">52</a>
<a href="#">76101</a>	Mounting Bracket for SS Manifold		1	ea.	\$ 46.77	<a href="#">140</a>
<a href="#">76102</a>	2 Loop SS Manifold with Flow Meters		1	ea.	\$ 548.49	<a href="#">51</a>
<a href="#">76103</a>	3 Loop SS Manifold with Flow Meters		1	ea.	\$ 639.71	<a href="#">51</a>
<a href="#">76104</a>	4 Loop SS Manifold with Flow Meters		1	ea.	\$ 785.93	<a href="#">51</a>
<a href="#">76105</a>	5 Loop SS Manifold with Flow Meters		1	ea.	\$ 877.27	<a href="#">51</a>
<a href="#">76106</a>	6 Loop SS Manifold with Flow Meters		1	ea.	\$ 987.03	<a href="#">51</a>
<a href="#">76107</a>	7 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,078.37	<a href="#">51</a>
<a href="#">76108</a>	8 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,224.65	<a href="#">51</a>
<a href="#">76109</a>	9 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,325.06	<a href="#">51</a>
<a href="#">76110</a>	10 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,425.81	<a href="#">51</a>
<a href="#">76111</a>	11 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,626.64	<a href="#">51</a>
<a href="#">76112</a>	12 Loop SS Manifold with Flow Meters		1	ea.	\$ 1,827.90	<a href="#">51</a>
<a href="#">76192</a>	1" NPT Adapter for SS Manifold		1	ea.	\$ 54.58	<a href="#">140</a>
<a href="#">76202</a>	2 Loop High Flow SS Manifold		1	ea.	\$ 527.83	<a href="#">51</a>
<a href="#">76203</a>	3 Loop High Flow SS Manifold		1	ea.	\$ 605.76	<a href="#">51</a>
<a href="#">76204</a>	4 Loop High Flow SS Manifold		1	ea.	\$ 739.61	<a href="#">51</a>
<a href="#">76205</a>	5 Loop High Flow SS Manifold		1	ea.	\$ 817.67	<a href="#">51</a>
<a href="#">76206</a>	6 Loop High Flow SS Manifold		1	ea.	\$ 914.37	<a href="#">51</a>
<a href="#">76207</a>	7 Loop High Flow SS Manifold		1	ea.	\$ 992.55	<a href="#">51</a>
<a href="#">76208</a>	8 Loop High Flow SS Manifold		1	ea.	\$ 1,126.31	<a href="#">51</a>
<a href="#">76209</a>	9 Loop High Flow SS Manifold		1	ea.	\$ 1,213.66	<a href="#">51</a>
<a href="#">76210</a>	10 Loop High Flow SS Manifold		1	ea.	\$ 1,301.20	<a href="#">51</a>
<a href="#">76211</a>	11 Loop High Flow SS Manifold		1	ea.	\$ 1,490.53	<a href="#">51</a>
<a href="#">76212</a>	12 Loop High Flow SS Manifold		1	ea.	\$ 1,680.00	<a href="#">51</a>
<a href="#">76600</a>	Coupling for 2" SS Manifold		1	pair	\$ 167.05	<a href="#">55</a>
<a href="#">76601</a>	Loctite 55		1	ea.	\$ 101.43	<a href="#">55</a>
<a href="#">76604</a>	4 Loop 2" SS Manifold	WSL	1	ea.	\$ 803.15	<a href="#">54</a>
<a href="#">76605</a>	5 Loop 2" SS Manifold	WSL	1	ea.	\$ 978.63	<a href="#">54</a>
<a href="#">76606</a>	6 Loop 2" SS Manifold		1	ea.	\$ 1,629.55	<a href="#">54</a>
<a href="#">76607</a>	7 Loop 2" SS Manifold	WSL	1	ea.	\$ 1,236.23	<a href="#">54</a>
<a href="#">76608</a>	8 Loop 2" SS Manifold		1	ea.	\$ 1,989.65	<a href="#">54</a>
<a href="#">76609</a>	9 Loop 2" SS Manifold	WSL	1	ea.	\$ 1,494.30	<a href="#">54</a>
<a href="#">76610</a>	10 Loop 2" SS Manifold		1	ea.	\$ 2,355.88	<a href="#">54</a>
<a href="#">76611</a>	11 Loop 2" SS Manifold	WSL	1	ea.	\$ 1,701.64	<a href="#">54</a>
<a href="#">76612</a>	12 Loop 2" SS Manifold		1	ea.	\$ 2,807.30	<a href="#">54</a>
<a href="#">76614</a>	14 Loop 2" SS Manifold		1	ea.	\$ 2,857.04	<a href="#">54</a>
<a href="#">76675</a>	1" Cap and Washer for 2" SS Manifold		1	pair	\$ 44.97	<a href="#">55</a>
<a href="#">76680</a>	O-ring for 2" SS Manifold, Closed End, and Open End Adapters	WSL	1	ea.	\$ 5.37	<a href="#">141</a>
<a href="#">76840</a>	1-½" MNPT Assembly Kit for 2" SS Manifold		1	ea.	\$ 430.71	<a href="#">55</a>
<a href="#">76850</a>	2" MNPT Assembly Kit for 2" SS Manifold		1	ea.	\$ 430.42	<a href="#">55</a>
<a href="#">76905</a>	½" Plug for 1-¼" SS Manifold		1	ea.	\$ 11.22	<a href="#">52</a>
<a href="#">76911</a>	Zone Valve Insert for 1-¼" SS Manifold (Return)		1	ea.	\$ 38.53	<a href="#">140</a>
<a href="#">76912</a>	Balancing Valve Insert for High Flow SS Manifold (Supply)		1	ea.	\$ 29.64	<a href="#">140</a>
<a href="#">76916</a>	Flow Meter Valve Insert (0-1.5 USgpm Lock Nut) for 1-¼" SS Mfd (Sup.)		1	ea.	\$ 69.22	<a href="#">141</a>
<a href="#">76917</a>	Flow Meter Valve Insert (0-6 L/min) for 1-¼" SS Manifold (New Design)		1	ea.	\$ 66.04	<a href="#">141</a>
<a href="#">76918</a>	Connector Base for 1-¼" SS Manifold (Flow Meter w/Lock Nut)		1	ea.	\$ 14.01	<a href="#">141</a>
<a href="#">76919</a>	Connector Base for 1-¼" SS Manifold		1	ea.	\$ 14.04	<a href="#">141</a>
<a href="#">76922</a>	1" Ball Valve Set for 1-¼" SS Manifold		1	set	\$ 296.59	<a href="#">141</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">76924</a>	O-ring for 1-1/4" SS Manifold Coupling and End Connections	WSL	1	ea.	\$ 3.90	<a href="#">141</a>
<a href="#">76925</a>	Black Shut-off Cap for 1-1/4" SS Manifold		1	ea.	\$ 6.80	<a href="#">141</a>
<a href="#">76930</a>	Hose Bib for 1-1/4" SS Manifold		1	ea.	\$ 64.30	<a href="#">141</a>
<a href="#">76932</a>	Automatic Air Vent for 1-1/4" SS Manifold		1	ea.	\$ 50.66	<a href="#">53</a>
<a href="#">76935</a>	Side Mount Automatic Air Vent Set for 1-1/4" SS Manifold		1	ea.	\$ 123.06	<a href="#">53</a>
<a href="#">76936</a>	Pressure Bypass for 1-1/4" SS Manifold (requires 77105 & PEX)		1	ea.	\$ 373.78	<a href="#">141</a>
<a href="#">76937</a>	Pressure Bypass Kit for 1-1/4" SS Manifold		1	ea.	\$ 379.29	<a href="#">53</a>
<a href="#">76940</a>	Strap-on Thermometer		1	ea.	\$ 43.76	<a href="#">130</a>
<a href="#">77005</a>	1/2" PEX to TwistSeal® Manifold Connector		1	pair	\$ 22.46	<a href="#">49</a>
<a href="#">77012</a>	3/8" PEX to TwistSeal® Manifold Connector	WSL	1	pair	\$ 30.24	<a href="#">139</a>
<a href="#">77019</a>	3/8" PEX to TwistSeal® Manifold Connector		1	pair	\$ 30.02	<a href="#">49</a>
<a href="#">77022</a>	3/4" PEX to TwistSeal® Manifold Connector c/w Nut		1	pair	\$ 48.69	<a href="#">49</a>
<a href="#">77100</a>	Port Cap for 1-1/4" SS Manifold		1	pair	\$ 20.97	<a href="#">52</a>
<a href="#">77105</a>	1/2" PEX to 1-1/4" SS Manifold Connector		1	pair	\$ 30.35	<a href="#">52</a>
<a href="#">77119</a>	3/8" PEX to 1-1/4" SS Manifold Connector		1	pair	\$ 36.38	<a href="#">52</a>
<a href="#">77122</a>	3/4" PEX to 1-1/4" SS Manifold Connector		1	pair	\$ 70.94	<a href="#">52</a>
<a href="#">77305</a>	1/2" PEX Insert to 1-1/4" SS Manifold Connector		1	pair	\$ 29.73	<a href="#">52</a>
<a href="#">77600</a>	O-Ring for 2" Manifold PEX Connectors	WSL	1	ea.	\$ 1.60	<a href="#">55</a>
<a href="#">77619</a>	3/8" PEX to 2" SS Manifold Connector		1	pair	\$ 59.62	<a href="#">55</a>
<a href="#">77622</a>	3/4" PEX to 2" SS Manifold Connector		1	pair	\$ 59.80	<a href="#">55</a>
<a href="#">77628</a>	1" PEX to 2" SS Manifold Connector	Special Order*	1	pair	\$ 80.95	<a href="#">55</a>
<a href="#">77729</a>	O-ring for PEX to TwistSeal® Manifold Connector		10	ea.	\$ 1.41	<a href="#">139</a>
<a href="#">77739</a>	O-ring for PEX to 1-1/4" SS Manifold Connector	WSL	10	ea.	\$ 2.28	<a href="#">141</a>
<a href="#">78200</a>	TwistSeal® Mini Deluxe (40mm) Z.V. Supply & Balancing Return Module Pair		1	pair	\$ 149.04	<a href="#">48</a>
<a href="#">78210</a>	TwistSeal® Mini Deluxe (40mm) Zone Valve Supply Module		1	ea.	\$ 94.64	<a href="#">138</a>
<a href="#">78211</a>	TwistSeal® Mini Deluxe (40mm) Balancing Return Module		1	ea.	\$ 96.98	<a href="#">138</a>
<a href="#">78221</a>	TwistSeal® Mini (40mm) Zone Valve Replacement Cartridge c/w O-ring		1	ea.	\$ 46.87	<a href="#">138</a>
<a href="#">78302</a>	TwistSeal® Mini (40mm) 2-port Z.V. Supply & Flow Meter Return Module Pair		1	pair	\$ 231.35	<a href="#">48</a>
<a href="#">78303</a>	TwistSeal® Mini (40mm) 3-port Z.V. Supply & Flow Meter Return Module Pair		1	pair	\$ 346.97	<a href="#">48</a>
<a href="#">78311</a>	TwistSeal® Mini Z.V. Rplcmnt. Cartridge for MultiportModule		1	ea.	\$ 32.12	<a href="#">138</a>
<a href="#">78312</a>	TwistSeal® Mini Flow Meter Replacement Cartridge for 78300 Modules		1	ea.	\$ 59.63	<a href="#">138</a>
<a href="#">78314</a>	Assembly tool for TwistSeal® Mini Multiport Valves		1	ea.	\$ 14.97	<a href="#">133</a>
<a href="#">78400</a>	TwistSeal® Deluxe (55mm) Z.V. Supply & Balancing Return Module Pair		1	pair	\$ 201.82	<a href="#">45</a>
<a href="#">78401</a>	TwistSeal® Deluxe (55mm) Zone Valve Supply Module		1	ea.	\$ 143.39	<a href="#">138</a>
<a href="#">78402</a>	TwistSeal® Deluxe (55mm) Balancing Return Module		1	ea.	\$ 134.58	<a href="#">138</a>
<a href="#">78411</a>	TwistSeal® (55mm) Zone Valve Replacement Cartridge c/w O-ring		1	ea.	\$ 94.66	<a href="#">138</a>
<a href="#">78811</a>	TwistSeal® Mini (40mm) Z.V. Upgrade Asmbl.	WSL	1	ea.	\$ 77.72	<a href="#">139</a>
<a href="#">78812</a>	TwistSeal® Mini (40mm) Balance Valve Assembly	WSL	1	ea.	\$ 72.85	<a href="#">139</a>
<a href="#">78902</a>	Plastic Nut for TwistSeal® Manifold Modules		1	ea.	\$ 10.19	<a href="#">139</a>
<a href="#">78904</a>	Shut-off Cap TwistSeal® - Red	WSL	1	ea.	\$ 8.02	<a href="#">139</a>
<a href="#">78905</a>	TwistSeal® Zone Actuator Base (40mm & 55mm)	WSL	1	ea.	\$ 3.55	<a href="#">139</a>
<a href="#">78906</a>	Balancing Valve Cap with Clip for TwistSeal® Manifold	WSL	1	ea.	\$ 18.00	<a href="#">139</a>
<a href="#">78911</a>	TwistSeal® (55mm) Zone Valve Upgrade Assembly	WSL	1	ea.	\$ 93.27	<a href="#">138</a>
<a href="#">78912</a>	TwistSeal® (55mm) Balance Valve Assembly	WSL	1	ea.	\$ 72.45	<a href="#">138</a>
<a href="#">78921</a>	O-ring for TwistSeal® Valve Insert (40 & 55mm)	WSL	5	ea.	\$ 1.14	<a href="#">140</a>
<a href="#">78922</a>	O-ring for TwistSeal® Balancing Shaft - 6x2mm (Cone Side)	WSL	5	ea.	\$ 2.70	<a href="#">140</a>
<a href="#">78923</a>	O-ring for TwistSeal® Mini (40mm) & EasyFit™ Manifold Modules		5	ea.	\$ 3.04	<a href="#">139</a>
<a href="#">78924</a>	O-ring for TwistSeal® (55mm) Manifold Module		5	ea.	\$ 4.77	<a href="#">138</a>
<a href="#">79200</a>	1" TwistSeal® Mini (40mm) Deluxe Manifold Assembly Kit		1	ea.	\$ 244.42	<a href="#">47</a>
<a href="#">79400</a>	1" TwistSeal® (55mm) Deluxe Manifold Assembly Kit		1	ea.	\$ 524.37	<a href="#">45</a>
<a href="#">79801</a>	TwistSeal® Mini (40mm) Closed End Cap		1	ea.	\$ 11.59	<a href="#">139</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">79808</a>	TwistSeal® Mini (40mm) Cross Tee c/w O-ring	WSL	1	ea.	\$ 30.53	<a href="#">139</a>
<a href="#">79815</a>	1" TwistSeal® Mini (40mm) Union Cross Tee End Connection		1	ea.	\$ 97.31	<a href="#">139</a>
<a href="#">79892</a>	TwistSeal® Multiport (40mm) Double Mounting Bracket		1	ea.	\$ 20.94	<a href="#">47</a>
<a href="#">79901</a>	TwistSeal® (55mm) Closed End Cap		1	ea.	\$ 16.54	<a href="#">138</a>
<a href="#">79902</a>	1" TwistSeal® (55mm) Supply End Connection		1	ea.	\$ 94.27	<a href="#">138</a>
<a href="#">79908</a>	TwistSeal® (55mm) Cross Tee		1	ea.	\$ 55.93	<a href="#">138</a>
<a href="#">79911</a>	½" Cross Tee Plug		1	ea.	\$ 4.18	<a href="#">140</a>
<a href="#">79922</a>	Multiwrench for Manifold Nut and Base		1	ea.	\$ 17.70	<a href="#">133</a>
<a href="#">79930</a>	Metal Hose Bib		1	ea.	\$ 97.85	<a href="#">140</a>
<a href="#">79931</a>	Manual Air Vent		1	ea.	\$ 14.47	<a href="#">140</a>
<a href="#">79932</a>	Metal Automatic Air Vent		1	ea.	\$ 80.67	<a href="#">140</a>
<a href="#">79933</a>	Manual Air Vent Key - 5mm Square, Blue		1	ea.	\$ 3.65	<a href="#">140</a>
<a href="#">79934</a>	Plastic Hose Bib		1	ea.	\$ 37.75	<a href="#">140</a>
<a href="#">79935</a>	Pressure Test Kit		1	ea.	\$ 230.82	<a href="#">130</a>
<a href="#">79936</a>	Plastic Automatic Air Vent		1	ea.	\$ 30.48	<a href="#">140</a>
<a href="#">79940</a>	Pair Thermometers c/w Well for TwistSeal® Manifolds		1	pair	\$ 144.96	<a href="#">140</a>
<a href="#">79942</a>	Pair Thermometers for TwistSeal® Mini Union Cross Tee End Connection		1	pair	\$ 63.02	<a href="#">139</a>
<a href="#">79951</a>	100g Bottle Non-toxic Silicone O-ring Lubricant		1	ea.	\$ 66.86	<a href="#">133</a>
<a href="#">79952</a>	10g Bottle Non-toxic Silicone O-ring Lubricant		1	ea.	\$ 13.83	<a href="#">133</a>
<a href="#">79953</a>	Red Rubber Gasket for 1" Union End Connection (40mm) Air Tests	WSL	1	pair	\$ 9.62	<a href="#">139</a>
<a href="#">79954</a>	Gasket for TwistSeal® Mini (40mm) 1" Union Supply End Connection		1	pair	\$ 9.13	<a href="#">139</a>
<a href="#">79955</a>	O-ring for ½" Cross Tee Accessories	WSL	5	ea.	\$ 0.84	<a href="#">140</a>
<a href="#">79965</a>	Pressure Test Kit with Extra Valve to Zero Gauge		1	ea.	\$ 265.41	<a href="#">130</a>
<a href="#">79991</a>	TwistSeal® (55mm) Mounting Bracket		1	ea.	\$ 25.60	<a href="#">45</a>
<a href="#">86005</a>	½" Conduit 90s		1	ea.	\$ 5.82	<a href="#">83</a>
<a href="#">86020</a>	¾" Conduit 90s		1	ea.	\$ 7.85	<a href="#">83</a>
<a href="#">86022</a>	¾" Conduit 90s		1	ea.	\$ 11.78	<a href="#">83</a>
<a href="#">86028</a>	1" Conduit 90s		1	ea.	\$ 15.46	<a href="#">83</a>
<a href="#">86105</a>	Plastic Bend Support for ¾" and ½" Tubing		1	ea.	\$ 1.97	<a href="#">83</a> , <a href="#">129</a>
<a href="#">86122</a>	Plastic Bend Support for ¾" Tubing		1	ea.	\$ 3.70	<a href="#">83</a> , <a href="#">129</a>
<a href="#">86222</a>	Metal Bend Support for ¾" Tubing	Discontinued	50	ea.	\$ 6.20	
<a href="#">86255</a>	Metal Drop Ear Bend Support for ½" Tubing		25	ea.	\$ 7.41	<a href="#">129</a>
<a href="#">87024</a>	24" Aluminum Heat Transfer Plate for DryAbove™/DryBelow™ Systems		250	ea.	\$ 5.61	<a href="#">82</a>
<a href="#">87205</a>	EndBend™ for DryAbove™ System		25	ea.	\$ 7.71	<a href="#">82</a>
<a href="#">87305</a>	SpacerClip™ for DryAbove™ System		50	ea.	\$ 2.56	<a href="#">82</a>
<a href="#">89000</a>	Tubing Tracking		400	ft.	\$ 1.86	<a href="#">82</a>
<a href="#">89010</a>	500 Track Staples		1	bag	\$ 187.25	<a href="#">80</a>
<a href="#">89105</a>	1000 Tie Straps - 5.5"		1	bag	\$ 94.29	<a href="#">80</a>
<a href="#">89107</a>	1000 Tie Straps - 7.5"		1	bag	\$ 99.30	<a href="#">80</a>
<a href="#">89244</a>	300× 2-¾" (60mm) Staples for Stand-up Stapler		1	box	\$ 70.18	<a href="#">80</a> , <a href="#">131</a>
<a href="#">89251</a>	300× 1-½" Staples for HeatLink® Deluxe Staple Gun		1	box	\$ 75.54	<a href="#">80</a> , <a href="#">131</a>
<a href="#">89252</a>	300× 2" Staples for HeatLink® Deluxe Staple Gun		1	box	\$ 93.28	<a href="#">80</a> , <a href="#">131</a>
<a href="#">92128bs</a>	1" 100ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 498.600	<a href="#">11</a>
<a href="#">92128rs</a>	1" 100ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 498.600	<a href="#">11</a>
<a href="#">92305bcs</a>	¾" 300ft Blue Corrugated Sleeve for ½" PEX		1	ea.	\$ 215.700	<a href="#">11</a>
<a href="#">92305bs</a>	½" 300ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 479.700	<a href="#">11</a>
<a href="#">92305rs</a>	½" 300ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 479.700	<a href="#">11</a>
<a href="#">92322bcs</a>	1-¾" 300ft Blue Corrugated Sleeve for ¾" PEX		1	ea.	\$ 366.000	<a href="#">11</a>
<a href="#">92322bs</a>	¾" 300ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 841.500	<a href="#">11</a>
<a href="#">92322rs</a>	¾" 300ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 841.500	<a href="#">11</a>
<a href="#">94105</a>	½" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 824.00	<a href="#">41</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">94119</a>	¾" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,379.00	<a href="#">41</a>
<a href="#">94122</a>	¾" 1000ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,783.00	<a href="#">41</a>
<a href="#">94128</a>	1" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 348.40	<a href="#">41</a>
<a href="#">94135</a>	1-¼" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 591.80	<a href="#">41</a>
<a href="#">94141</a>	1-½" 100ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 887.80	<a href="#">41</a>
<a href="#">94205</a>	½" 250ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 206.00	<a href="#">41</a>
<a href="#">94222</a>	¾" 10×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 356.60	<a href="#">42</a>
<a href="#">94228</a>	1" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 348.40	<a href="#">42</a>
<a href="#">94235</a>	1-¼" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 591.80	<a href="#">42</a>
<a href="#">94241</a>	1-½" 5×20ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 887.80	<a href="#">42</a>
<a href="#">94305</a>	½" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 247.20	<a href="#">41</a>
<a href="#">94305rs</a>	½" 300' O <sub>2</sub> Barrier HeatLink® Pipe-in-Pipe Red Sheath	Special Order*	1	coil	\$ 458.40	<a href="#">42</a>
<a href="#">94319</a>	¾" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 413.70	<a href="#">41</a>
<a href="#">94322</a>	¾" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 534.90	<a href="#">41</a>
<a href="#">94322rs</a>	¾" 300' O <sub>2</sub> Barrier HeatLink® Pipe-in-Pipe Red Sheath	Special Order*	1	coil	\$ 879.00	<a href="#">42</a>
<a href="#">94335</a>	1-¼" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,775.40	<a href="#">41</a>
<a href="#">94341</a>	1-½" 300ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 2,663.40	<a href="#">41</a>
<a href="#">94505</a>	½" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 412.00	<a href="#">41</a>
<a href="#">94519</a>	¾" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 689.50	<a href="#">41</a>
<a href="#">94522</a>	¾" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 891.50	<a href="#">41</a>
<a href="#">94528</a>	1" 500ft O <sub>2</sub> Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,742.00	<a href="#">41</a>
<a href="#">BC G2-1</a>	Standard Boiler Panel 3 Pump		1	ea.	\$ 3,992.00	<a href="#">93</a>
<a href="#">BC G2-2</a>	High Capacity Boiler Panel 4 Pump		1	ea.	\$ 4,732.00	<a href="#">93</a>
<a href="#">BC G2-3</a>	BC G.Combi Boiler Panel		1	ea.	\$ 4,215.00	<a href="#">93</a>
<a href="#">CAD01</a>	CAD Boiler Panel 3 Pump		1	ea.	\$ 3,810.00	<a href="#">90</a>
<a href="#">CAD02</a>	CAD Boiler Panel High Capacity 4 Pump		1	ea.	\$ 4,391.00	<a href="#">90</a>
<a href="#">CHVLV20</a>	Check Valve for UPS15-58 Pump		1	ea.	\$ 35.46	<a href="#">146</a>
<a href="#">DRVWSNS-SS</a>	Driveway Sensor for SMP Panels		1	ea.	\$ 1,972.28	<a href="#">79</a> , <a href="#">128</a>
<a href="#">ECO1ZN3P</a>	ECO Boiler Panel 3 Pump		1	ea.	\$ 3,810.00	<a href="#">88</a>
<a href="#">ECO2ZN4P</a>	ECO Boiler Panel High Capacity 4 Pump		1	ea.	\$ 4,391.00	<a href="#">88</a>
<a href="#">ELBP18</a>	Electric Boiler Panel 18,000BTU		1	ea.	\$ 4,341.00	<a href="#">94</a>
<a href="#">ELBP18TS3</a>	Electric Boiler Panel 18,000BTU with 3 Loop Twist Seal Mini Multiport		1	ea.	\$ 5,188.00	<a href="#">95</a>
<a href="#">ELBP18TS5</a>	Electric Boiler Panel 18,000BTU with 5 Loop Twist Seal Mini Multiport		1	ea.	\$ 5,387.00	<a href="#">95</a>
<a href="#">ELBP30</a>	Electric Boiler Panel 30,000BTU		1	ea.	\$ 7,642.00	<a href="#">94</a>
<a href="#">ELBP30TS3</a>	Electric Boiler Panel 30,000BTU with 3 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,118.00	<a href="#">95</a>
<a href="#">ELBP30TS5</a>	Electric Boiler Panel 30,000BTU with 5 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,170.00	<a href="#">95</a>
<a href="#">ELBP30TS6</a>	Electric Boiler Panel 30,000BTU with 6 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,411.00	<a href="#">95</a>
<a href="#">ELBP30TS7</a>	Electric Boiler Panel 30,000BTU with 7 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,514.00	<a href="#">95</a>
<a href="#">ELBP30TS8</a>	Electric Boiler Panel 30,000BTU with 8 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,615.00	<a href="#">95</a>
<a href="#">ELBP50</a>	Electric Boiler Panel 50,000BTU		1	ea.	\$ 7,806.00	<a href="#">94</a>
<a href="#">ELBP50TS7</a>	Electric Boiler Panel 50,000BTU with 7 Loop Twist Seal Mini Multiport		1	ea.	\$ 9,065.00	<a href="#">95</a>
<a href="#">ETF-144/99A</a>	Slab Sensor (12k) PVC Sleeve 8ft Cable for ETO2SMCNTR SnowmeltController		1	ea.	\$ 175.19	<a href="#">79</a> , <a href="#">128</a>
<a href="#">ETF-1733/44/55</a>	Optional Outdoor Sensor for SMCP & SMP Panels		1	ea.	\$ 361.94	<a href="#">79</a> , <a href="#">128</a>
<a href="#">ETF1899ASNS</a>	Sensor NTC 12K (Spare parts for #SMCP)	Special Order*	1	ea.	\$ 151.28	<a href="#">144</a>
<a href="#">EX13203</a>	3 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 19.516	<a href="#">32</a>
<a href="#">EX13204</a>	4 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 27.779	<a href="#">32</a>
<a href="#">EX13206</a>	6 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 34.251	<a href="#">32</a>
<a href="#">EX13806</a>	6 Port, 1" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 60.944	<a href="#">32</a>
<a href="#">EX14202</a>	2 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 16.750	<a href="#">32</a>
<a href="#">EX14203</a>	3 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 22.220	<a href="#">32</a>
<a href="#">EX14204</a>	4 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 28.342	<a href="#">32</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">EX14706</a>	6 Port, 1" x 3/4" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 68.323	<a href="#">32</a>
<a href="#">EX15005</a>	1/2" PEX F1960 HPP Plug		25	ea.	\$ 1.856	<a href="#">31</a>
<a href="#">EX15022</a>	3/4" PEX F1960 HPP Plug		25	ea.	\$ 3.215	<a href="#">31</a>
<a href="#">EX15028</a>	1" PEX F1960 HPP Plug		5	ea.	\$ 6.160	<a href="#">31</a>
<a href="#">EX15035</a>	1-1/4" PEX F1960 HPP Plug		1	ea.	\$ 23.692	<a href="#">31</a>
<a href="#">EX15041</a>	1-1/2" PEX F1960 HPP Plug		1	ea.	\$ 33.078	<a href="#">31</a>
<a href="#">EX15054</a>	2" PEX F1960 HPP Plug		1	ea.	\$ 46.879	<a href="#">31</a>
<a href="#">EX16222</a>	3/4" x 3/4" x 3/4" PEX F1960 HPP Tee		25	ea.	\$ 8.098	<a href="#">38</a>
<a href="#">EX16225</a>	3/4" x 3/4" x 1/2" PEX F1960 HPP Tee		25	ea.	\$ 6.233	<a href="#">39</a>
<a href="#">EX16252</a>	3/4" x 1/2" x 3/4" PEX F1960 HPP Tee		25	ea.	\$ 7.373	<a href="#">39</a>
<a href="#">EX16255</a>	3/4" x 1/2" x 1/2" PEX F1960 HPP Tee		25	ea.	\$ 5.499	<a href="#">39</a>
<a href="#">EX16332</a>	1-1/4" x 1-1/4" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 25.160	<a href="#">39</a>
<a href="#">EX16333</a>	1-1/4" x 1-1/4" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 27.275	<a href="#">38</a>
<a href="#">EX16335</a>	1-1/4" x 1-1/4" x 1/2" PEX F1960 HPP Tee		1	ea.	\$ 21.415	<a href="#">39</a>
<a href="#">EX16338</a>	1-1/4" x 1-1/4" x 1" PEX F1960 HPP Tee		1	ea.	\$ 26.547	<a href="#">39</a>
<a href="#">EX16382</a>	1-1/4" x 1" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 21.415	<a href="#">39</a>
<a href="#">EX16388</a>	1-1/4" x 1" x 1" PEX F1960 HPP Tee		1	ea.	\$ 24.985	<a href="#">39</a>
<a href="#">EX16432</a>	1-1/2" x 1-1/4" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 34.406	<a href="#">39</a>
<a href="#">EX16433</a>	1-1/2" x 1-1/4" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 37.788	<a href="#">39</a>
<a href="#">EX16438</a>	1-1/2" x 1-1/4" x 1" PEX F1960 HPP Tee		1	ea.	\$ 35.333	<a href="#">39</a>
<a href="#">EX16442</a>	1-1/2" x 1-1/2" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 37.154	<a href="#">39</a>
<a href="#">EX16443</a>	1-1/2" x 1-1/2" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 36.096	<a href="#">39</a>
<a href="#">EX16444</a>	1-1/2" x 1-1/2" x 1-1/2" PEX F1960 HPP Tee		1	ea.	\$ 40.195	<a href="#">38</a>
<a href="#">EX16448</a>	1-1/2" x 1-1/2" x 1" PEX F1960 HPP Tee		1	ea.	\$ 34.194	<a href="#">39</a>
<a href="#">EX16488</a>	1-1/2" x 1" x 1" PEX F1960 HPP Tee		1	ea.	\$ 32.244	<a href="#">39</a>
<a href="#">EX16552</a>	1/2" x 1/2" x 3/4" PEX F1960 HPP Tee		25	ea.	\$ 6.243	<a href="#">39</a>
<a href="#">EX16555</a>	1/2" x 1/2" x 1/2" PEX F1960 HPP Tee		25	ea.	\$ 4.312	<a href="#">38</a>
<a href="#">EX16642</a>	2" x 1-1/2" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 96.696	<a href="#">39</a>
<a href="#">EX16643</a>	2" x 1-1/2" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 99.205	<a href="#">39</a>
<a href="#">EX16644</a>	2" x 1-1/2" x 1-1/2" PEX F1960 HPP Tee		1	ea.	\$ 110.364	<a href="#">39</a>
<a href="#">EX16648</a>	2" x 1-1/2" x 1" PEX F1960 HPP Tee		1	ea.	\$ 80.965	<a href="#">39</a>
<a href="#">EX16662</a>	2" x 2" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 118.785	<a href="#">39</a>
<a href="#">EX16663</a>	2" x 2" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 98.877	<a href="#">39</a>
<a href="#">EX16664</a>	2" x 2" x 1-1/2" PEX F1960 HPP Tee		1	ea.	\$ 90.913	<a href="#">39</a>
<a href="#">EX16666</a>	2" x 2" x 2" PEX F1960 HPP Tee		1	ea.	\$ 101.261	<a href="#">38</a>
<a href="#">EX16668</a>	2" x 2" x 1" PEX F1960 HPP Tee		1	ea.	\$ 87.695	<a href="#">39</a>
<a href="#">EX16822</a>	1" x 3/4" x 3/4" PEX F1960 HPP Tee		5	ea.	\$ 14.848	<a href="#">39</a>
<a href="#">EX16828</a>	1" x 3/4" x 1" PEX F1960 HPP Tee		5	ea.	\$ 16.421	<a href="#">39</a>
<a href="#">EX16882</a>	1" x 1" x 3/4" PEX F1960 HPP Tee		5	ea.	\$ 14.749	<a href="#">39</a>
<a href="#">EX16885</a>	1" x 1" x 1/2" PEX F1960 HPP Tee		10	ea.	\$ 15.927	<a href="#">39</a>
<a href="#">EX16888</a>	1" x 1" x 1" PEX F1960 HPP Tee		10	ea.	\$ 15.137	<a href="#">38</a>
<a href="#">EX17505</a>	1/2" PEX F1960 x 1/2" MNPT HPP Adapter		25	ea.	\$ 1.952	<a href="#">35</a>
<a href="#">EX17522</a>	3/4" PEX F1960 x 3/4" MNPT HPP Adapter		25	ea.	\$ 3.101	<a href="#">35</a>
<a href="#">EX17552</a>	1/2" PEX F1960 x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.515	<a href="#">35</a>
<a href="#">EX17755</a>	1/2" PEX F1960 x 1/2" Swivel HPP Adapter		25	ea.	\$ 6.113	<a href="#">36</a>
<a href="#">EX18005</a>	1/2" x 1/2" PEX F1960 HPP Elbow		25	ea.	\$ 3.421	<a href="#">34</a>
<a href="#">EX18022</a>	3/4" x 3/4" PEX F1960 HPP Elbow		25	ea.	\$ 5.881	<a href="#">34</a>
<a href="#">EX18028</a>	1" x 1" PEX F1960 HPP Elbow		10	ea.	\$ 11.643	<a href="#">34</a>
<a href="#">EX18035</a>	1-1/4" x 1-1/4" PEX F1960 HPP Elbow		1	ea.	\$ 24.492	<a href="#">34</a>
<a href="#">EX18041</a>	1-1/2" x 1-1/2" PEX F1960 HPP Elbow		1	ea.	\$ 32.620	<a href="#">34</a>
<a href="#">EX18054</a>	2" x 2" PEX F1960 HPP Elbow		1	ea.	\$ 86.908	<a href="#">34</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">EX19005</a>	½" × ½" PEX F1960 HPP Coupling		25	ea.	\$ 2.627	<a href="#">33</a>
<a href="#">EX19022</a>	¾" × ¾" PEX F1960 HPP Coupling		25	ea.	\$ 3.853	<a href="#">33</a>
<a href="#">EX19028</a>	1" × 1" PEX F1960 HPP Coupling		10	ea.	\$ 6.974	<a href="#">33</a>
<a href="#">EX19035</a>	1-¼" × 1-¼" PEX F1960 HPP Coupling		1	ea.	\$ 13.557	<a href="#">33</a>
<a href="#">EX19041</a>	1-½" × 1-½" PEX F1960 HPP Coupling		1	ea.	\$ 16.179	<a href="#">33</a>
<a href="#">EX19054</a>	2" × 2" PEX F1960 HPP Coupling		1	ea.	\$ 61.337	<a href="#">33</a>
<a href="#">EX19225</a>	¾" × ½" PEX F1960 HPP Coupling		25	ea.	\$ 3.212	<a href="#">33</a>
<a href="#">EX19238</a>	1-¼" × 1" PEX F1960 HPP Coupling		1	ea.	\$ 11.982	<a href="#">33</a>
<a href="#">EX19243</a>	1-½" × 1-¼" PEX F1960 HPP Coupling		1	ea.	\$ 15.002	<a href="#">33</a>
<a href="#">EX19248</a>	1-½" × 1" PEX F1960 HPP Coupling		1	ea.	\$ 14.954	<a href="#">33</a>
<a href="#">EX19264</a>	2" × 1-½" PEX F1960 HPP Coupling		1	ea.	\$ 49.732	<a href="#">33</a>
<a href="#">EX19282</a>	1" × ¾" PEX F1960 HPP Coupling		5	ea.	\$ 13.908	<a href="#">33</a>
<a href="#">EX23305NL</a>	½" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	10	ea.	\$ 18.170	<a href="#">40</a>
<a href="#">EX23322NL</a>	¾" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	10	ea.	\$ 24.840	<a href="#">40</a>
<a href="#">EX23328NL</a>	1" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	6	ea.	\$ 32.130	<a href="#">40</a>
<a href="#">EX23335NL</a>	1-¼" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	4	ea.	\$ 64.240	<a href="#">40</a>
<a href="#">EX23341NL</a>	1-½" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	2	ea.	\$ 85.760	<a href="#">40</a>
<a href="#">EX23354NL</a>	2" PEX F1960 No Lead Brass Ball Valve, Full Port	New!	2	ea.	\$ 150.570	<a href="#">40</a>
<a href="#">EX23822NL</a>	¾" PEX F1960 × ¾" MNPT No Lead Brass Ball Valve	New!	10	ea.	\$ 20.720	<a href="#">40</a>
<a href="#">EX24205</a>	½" PEX F1960 Expansion Ring		100	ea.	\$ 0.661	<a href="#">31</a>
<a href="#">EX24222</a>	¾" PEX F1960 Expansion Ring		50	ea.	\$ 0.951	<a href="#">31</a>
<a href="#">EX24228</a>	1" PEX F1960 Expansion Ring		50	ea.	\$ 2.807	<a href="#">31</a>
<a href="#">EX24235</a>	1-¼" PEX F1960 Expansion Ring		10	ea.	\$ 3.361	<a href="#">31</a>
<a href="#">EX24241</a>	1-½" PEX F1960 Expansion Ring		10	ea.	\$ 4.282	<a href="#">31</a>
<a href="#">EX24250</a>	2" PEX F1960 Expansion Ring		5	ea.	\$ 7.379	<a href="#">31</a>
<a href="#">EX26222NL</a>	¾" × ¾" × ¾" PEX F1960 No Lead Brass Tee		25	ea.	\$ 25.359	<a href="#">38</a>
<a href="#">EX26225NL</a>	¾" × ¾" × ½" PEX F1960 No Lead Brass Tee		25	ea.	\$ 25.287	<a href="#">38</a>
<a href="#">EX26252NL</a>	¾" × ½" × ¾" PEX F1960 No Lead Brass Tee		25	ea.	\$ 27.189	<a href="#">38</a>
<a href="#">EX26255NL</a>	¾" × ½" × ½" PEX F1960 No Lead Brass Tee		25	ea.	\$ 27.532	<a href="#">38</a>
<a href="#">EX26555NL</a>	½" × ½" × ½" PEX F1960 No Lead Brass Tee		25	ea.	\$ 15.902	<a href="#">38</a>
<a href="#">EX26822NL</a>	1" × ¾" × ¾" PEX F1960 No Lead Brass Tee		5	ea.	\$ 40.052	<a href="#">38</a>
<a href="#">EX26882NL</a>	1" × 1" × ¾" PEX F1960 No Lead Brass Tee		5	ea.	\$ 36.509	<a href="#">38</a>
<a href="#">EX26885NL</a>	1" × 1" × ½" PEX F1960 No Lead Brass Tee		10	ea.	\$ 36.089	<a href="#">38</a>
<a href="#">EX26888NL</a>	1" × 1" × 1" PEX F1960 No Lead Brass Tee		10	ea.	\$ 40.198	<a href="#">38</a>
<a href="#">EX27105NL</a>	½" PEX F1960 × ½" M/Sweat No Lead Brass Adapter		25	ea.	\$ 6.316	<a href="#">37</a>
<a href="#">EX27122NL</a>	¾" PEX F1960 × ¾" M/Sweat No Lead Brass Adapter		25	ea.	\$ 13.506	<a href="#">37</a>
<a href="#">EX27128NL</a>	1" PEX F1960 × 1" M/Sweat No Lead Brass Adapter		10	ea.	\$ 24.292	<a href="#">37</a>
<a href="#">EX27135NL</a>	1-¼" PEX F1960 × 1-¼" M/Sweat No Lead Brass Adapter		5	ea.	\$ 63.875	<a href="#">37</a>
<a href="#">EX27141NL</a>	1-½" PEX F1960 × 1-½" M/Sweat No Lead Brass Adapter		5	ea.	\$ 101.628	<a href="#">37</a>
<a href="#">EX27154NL</a>	2" PEX F1960 × 2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 288.360	<a href="#">37</a>
<a href="#">EX27205NL</a>	½" PEX F1960 × ½" F/Sweat No Lead Brass Adapter		25	ea.	\$ 6.311	<a href="#">37</a>
<a href="#">EX27222NL</a>	¾" PEX F1960 × ¾" F/Sweat No Lead Brass Adapter		25	ea.	\$ 14.062	<a href="#">37</a>
<a href="#">EX27228NL</a>	1" PEX F1960 × 1" F/Sweat No Lead Brass Adapter		10	ea.	\$ 23.756	<a href="#">37</a>
<a href="#">EX27235NL</a>	1-¼" PEX F1960 × 1-¼" F/Sweat No Lead Brass Adapter		5	ea.	\$ 74.821	<a href="#">37</a>
<a href="#">EX27241NL</a>	1-½" PEX F1960 × 1-½" F/Sweat No Lead Brass Adapter	Spring 2022	5	ea.	\$ 102.280	<a href="#">37</a>
<a href="#">EX27254NL</a>	2" PEX F1960 × 2" F/Sweat No Lead Brass Adapter	Spring 2022	5	ea.	\$ 295.590	<a href="#">37</a>
<a href="#">EX27505NL</a>	½" PEX F1960 × ½" MNPT No Lead Brass Adapter		25	ea.	\$ 8.665	<a href="#">35</a>
<a href="#">EX27522NL</a>	¾" PEX F1960 × ¾" MNPT No Lead Brass Adapter		25	ea.	\$ 16.607	<a href="#">35</a>
<a href="#">EX27528NL</a>	1" PEX F1960 × 1" MNPT No Lead Brass Adapter		10	ea.	\$ 35.658	<a href="#">35</a>
<a href="#">EX27535NL</a>	1-¼" PEX F1960 × 1-¼" MNPT No Lead Brass Adapter		5	ea.	\$ 97.679	<a href="#">35</a>
<a href="#">EX27541NL</a>	1-½" PEX F1960 × 1-½" MNPT No Lead Brass Adapter		5	ea.	\$ 110.490	<a href="#">35</a>



Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">EX27554NL</a>	2" PEX F1960 × 2" MNPT No Lead Brass Adapter		5	ea.	\$ 322.964	<a href="#">35</a>
<a href="#">EX27605NL</a>	½" PEX F1960 × ½" FNPT No Lead Brass Adapter		25	ea.	\$ 18.797	<a href="#">36</a>
<a href="#">EX27622NL</a>	¾" PEX F1960 × ¾" FNPT No Lead Brass Adapter		25	ea.	\$ 20.844	<a href="#">36</a>
<a href="#">EX27628NL</a>	1" PEX F1960 × 1" FNPT No Lead Brass Adapter		25	ea.	\$ 41.934	<a href="#">36</a>
<a href="#">EX27635NL</a>	1-¼" PEX F1960 × 1-¼" FNPT No Lead Brass Adapter		5	ea.	\$ 105.587	<a href="#">36</a>
<a href="#">EX27641NL</a>	1-½" PEX F1960 × 1-½" FNPT No Lead Brass Adapter		5	ea.	\$ 174.771	<a href="#">36</a>
<a href="#">EX28005NL</a>	½" × ½" PEX F1960 No Lead Brass Elbow		25	ea.	\$ 12.672	<a href="#">34</a>
<a href="#">EX28022NL</a>	¾" × ¾" PEX F1960 No Lead Brass Elbow		25	ea.	\$ 18.653	<a href="#">34</a>
<a href="#">EX28028NL</a>	1" × 1" PEX F1960 No Lead Brass Elbow		10	ea.	\$ 27.660	<a href="#">34</a>
<a href="#">EX28305NL</a>	½" PEX F1960 × ½" FNPT Drop Ear No Lead Brass Elbow		10	ea.	\$ 21.591	<a href="#">36</a>
<a href="#">EX29005NL</a>	½" × ½" PEX F1960 No Lead Brass Coupling		25	ea.	\$ 5.208	<a href="#">33</a>
<a href="#">EX29022NL</a>	¾" × ¾" PEX F1960 No Lead Brass Coupling		25	ea.	\$ 10.799	<a href="#">33</a>
<a href="#">EX29028NL</a>	1" × 1" PEX F1960 No Lead Brass Coupling		10	ea.	\$ 15.015	<a href="#">33</a>
<a href="#">EX29225NL</a>	¾" × ½" PEX F1960 No Lead Brass Coupling		25	ea.	\$ 11.779	<a href="#">33</a>
<a href="#">EX29282NL</a>	1" × ¾" PEX F1960 No Lead Brass Coupling		10	ea.	\$ 15.425	<a href="#">33</a>
<a href="#">FLWSWTCH</a>	Flow Switch for Domestic Hot Water Priority		1	ea.	\$ 279.99	<a href="#">102</a>
<a href="#">HEP025P</a>	HEP 25MBH Isolation Heat Exchanger Panel		1	ea.	\$ 5,244.00	<a href="#">104</a>
<a href="#">HEP025R</a>	HEP 25MBH Isolation Heat Exchanger Panel Lite		1	ea.	\$ 3,828.00	<a href="#">105</a>
<a href="#">HEP025RT</a>	HEP 25MBH Isolation Heat Exchanger Panel Lite w/Timer		1	ea.	\$ 4,037.00	<a href="#">106</a>
<a href="#">HEP025RTDP</a>	HEP 25MBH Isolation Heat Exchanger Panel Dual Pump w/Timer		1	ea.	\$ 4,974.00	<a href="#">106</a>
<a href="#">HEP080P</a>	HEP 80MBH Isolation Heat Exchanger Panel		1	ea.	\$ 5,697.00	<a href="#">104</a>
<a href="#">HEP080RT</a>	HEP 80MBH Isolation Heat Exchanger Panel Lite w/Timer		1	ea.	\$ 4,289.00	<a href="#">106</a>
<a href="#">HEP080RTDP</a>	HEP 80MBH Isolation Heat Exchanger Panel Dual Pump w/Timer		1	ea.	\$ 5,399.00	<a href="#">106</a>
<a href="#">HEP095P</a>	HEP 95MBH Isolation Heat Exchanger Panel		1	ea.	\$ 7,838.00	<a href="#">104</a>
<a href="#">Knight01</a>	Panel for Knight Wall Mount Boiler (3 Pump)		1	ea.	\$ 3,810.00	<a href="#">91</a>
<a href="#">Knight02</a>	Panel for Knight Wall Mount Boiler (4 Pump)		1	ea.	\$ 4,391.00	<a href="#">91</a>
<a href="#">NTRWSH1</a>	1" x 3mm Blk Nitrile Washer for Panels		5	ea.	\$ 4.61	<a href="#">145</a>
<a href="#">NTRWSH1-SRV</a>	1" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)		5	ea.	\$ 4.21	<a href="#">145</a>
<a href="#">NTRWSH34</a>	¾" x 3mm Blk Nitrile Washer for Panels		5	ea.	\$ 2.49	<a href="#">145</a>
<a href="#">NTRWSH34-SRV</a>	¾" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)		5	ea.	\$ 2.13	<a href="#">145</a>
<a href="#">OPT-SMP-680</a>	Optional SMP Control Upgrade to BMS 680 BACnet (30090,30091 Sold Sep.)		1	ea.	\$ 5,655.00	<a href="#">128</a>
<a href="#">PC2319CVR</a>	Powder Coated Cover 23"x19" for HEP025/80R/T/DP,3WMIX,4WMIX		1	ea.	\$ 334.83	<a href="#">105</a>
<a href="#">PLC1R2</a>	Controller for TMP040/070, SMP, ZMP, ELB and old SSP/SST		1	ea.	\$ 1,081.69	<a href="#">145</a>
<a href="#">PLC4AR2</a>	Controller for TMP085DP, TMP200DT		1	ea.	\$ 1,132.92	<a href="#">145</a>
<a href="#">PLC5R2</a>	Controller for TWH070Z using FLWSWTCH		1	ea.	\$ 1,657.80	<a href="#">145</a>
<a href="#">PLC6R2P3</a>	Controller for CDP Panels with 3 Pumps		1	ea.	\$ 1,257.07	<a href="#">145</a>
<a href="#">PLC6R2P4</a>	Controller for CDP Panels with 4 Pumps		1	ea.	\$ 1,583.91	<a href="#">145</a>
<a href="#">PLC7R1P1</a>	Controller for WHP using HEPPS		1	ea.	\$ 1,280.11	<a href="#">145</a>
<a href="#">PLC7R1P2</a>	Controller for HEP using HEPPS		1	ea.	\$ 1,280.11	<a href="#">145</a>
<a href="#">PLC7R1P2-TWH</a>	Controller for TWH (except for Z models) using HEPPS		1	ea.	\$ 1,355.49	<a href="#">146</a>
<a href="#">PLC7R2P1</a>	Controller for WHP using FLWSWTCH		1	ea.	\$ 1,081.15	<a href="#">146</a>
<a href="#">PLC7R2P2</a>	Controller for HEP, TWH (except Z) using FLWSWTCH		1	ea.	\$ 1,081.65	<a href="#">146</a>
<a href="#">PLINTR20VA</a>	24Vac 20VA Plug-In Transformer for Panels	Discontinued; see PLINTR40VA	1	ea.	\$ 147.82	
<a href="#">PLINTR40VA</a>	24Vac 40VA Plug-In Transformer for Panels		1	ea.	\$ 182.47	<a href="#">74, 146</a>
<a href="#">PUMP1558</a>	UPS15-58RU Composite 115V Pump		1	ea.	\$ 508.94	<a href="#">146</a>
<a href="#">PUMP2699</a>	UPS26-99FC 115V Cast Iron Pump		1	ea.	\$ 1,205.41	<a href="#">146</a>
<a href="#">PUMP2699BR</a>	UPS26-99BFC 115V Bronze Pump		1	ea.	\$ 1,932.12	<a href="#">146</a>
<a href="#">PWRB2TH</a>	Power Box 2-Terminal Header	WSL	5	ea.	\$ 9.12	<a href="#">146</a>
<a href="#">PWRB3TH</a>	Power Box 3-Terminal Header	WSL	5	ea.	\$ 13.77	<a href="#">146</a>
<a href="#">SMCP</a>	Snowmelt Control c/w ETO2 DDC and 2 Strap On Sensors		1	ea.	\$ 2,297.68	<a href="#">79</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">SMP175SS-HEX</a>	SMP 175MBH SS Snow Melt Panel 2x20 HEX (DRVWSNS-SS sold sep)		1	ea.	\$ 17,556.00	<a href="#">125</a>
<a href="#">SMP300SS-HEX</a>	SMP 300MBH SS Snow Melt Panel 2x30 HEX (DRVWSNS-SS sold sep)		1	ea.	\$ 17,843.00	<a href="#">125</a>
<a href="#">SMP300SS-HEX-H</a>	SMP 365MBH SS Snow Melt Panel 3x30 HEX & HH Pump (DRVWSNS-SS sold sep)		1	ea.	\$ 19,988.00	<a href="#">125</a>
<a href="#">SMP335</a>	SMP 335MBH Copper Snow Melt Panel 4x20 Plate HEX (DRVWSNS-SS sold sep)		1	ea.	\$ 38,661.00	<a href="#">127</a>
<a href="#">SMP375SS</a>	SMP 300MBH SS Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)		1	ea.	\$ 13,894.00	<a href="#">124</a>
<a href="#">SMP375SSH</a>	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; DRVWSNS-SS sold sep)		1	ea.	\$ 15,008.00	<a href="#">124</a>
<a href="#">SMP400D</a>	SMP 400MBH Copper Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)		1	ea.	\$ 30,115.00	<a href="#">126</a>
<a href="#">SMP425</a>	SMP 425MBH Copper Snow Melt Panel 4x30 Plate HEX (DRVWSNS-SS sold sep)		1	ea.	\$ 39,447.00	<a href="#">127</a>
<a href="#">SSAACT</a>	Actuator Mounted on Manifold and Wired to StatLink® in SSP/SST Panel		1	ea.	\$ 183.00	<a href="#">116</a>
<a href="#">SSAAV</a>	Installed Side Mount Auto Air Vent 76935 on Manifold in SSP/SST Panel		1	ea.	\$ 181.00	<a href="#">116</a>
<a href="#">SSABMS</a>	Installed Wiring for BMS in SSP/SST Panel		1	ea.	\$ 235.00	<a href="#">116</a>
<a href="#">SSACST</a>	Installed Closely Spaced Tees in SSP Panel		1	ea.	\$ 192.00	<a href="#">117</a>
<a href="#">SSADDC</a>	Installed DDC Actuator 56121 on Mixing Valve in SSTs Panel		1	ea.	\$ 367.00	<a href="#">116</a>
<a href="#">SSAEXE10</a>	Upgrade SSP/SST Surface Mount Housing to Extended 8/10 Loop		1	ea.	\$ 931.00	<a href="#">116</a>
<a href="#">SSAEXE6</a>	Upgrade SSP/SST Surface Mount Housing to Extended 4/6 Loop		1	ea.	\$ 753.00	<a href="#">116</a>
<a href="#">SSAIZV</a>	SSP Panel Auto Isolation Zone Valve		1	ea.	\$ 353.00	<a href="#">117</a>
<a href="#">SSAMRC</a>	Installed Outdoor Reset Control 31355 in SST Panel		1	ea.	\$ 1,239.00	<a href="#">116</a>
<a href="#">SSAMXM</a>	Installed Floating Action Mixing Valve Motor 58131 in SSTL Panel		1	ea.	\$ 1,211.00	<a href="#">116</a>
<a href="#">SSAMXMDDC</a>	Installed DDC Mixing Valve Motor 58132 in SSTL Panel		1	ea.	\$ 1,317.00	<a href="#">116</a>
<a href="#">SSAPB</a>	Installed Pressure Bypass 76937 on Manifold in SSP/SST Panel		1	ea.	\$ 740.00	<a href="#">116</a>
<a href="#">SSASL</a>	Installed StatLink® Module 40318 in SSP/SST Panel		1	ea.	\$ 662.00	<a href="#">116</a>
<a href="#">SSASM</a>	Installed Snow Melt Control SMCP in SST Panel (DRVWSNS-SS sold sep)		1	ea.	\$ 2,873.00	<a href="#">116</a>
<a href="#">SSASMBAC</a>	Installed Snow Melt Control 31680 for SST (30090/91 sold sep)		1	ea.	\$ 10,977.00	<a href="#">116</a>
<a href="#">SSASSE10</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 8/10 Loop		1	ea.	\$ 2,964.00	<a href="#">116</a>
<a href="#">SSASSE12</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 12 Loop		1	ea.	\$ 3,365.00	<a href="#">116</a>
<a href="#">SSASSE6</a>	Upgrade SSP/SST Surface Mount Housing to Stainless Steel 4/6 Loop		1	ea.	\$ 2,852.00	<a href="#">116</a>
<a href="#">SSATH</a>	Installed Thermostatic Head 57094 on Mixing Valve in SSTs Panel		1	ea.	\$ 694.00	<a href="#">116</a>
<a href="#">SSPLR104B</a>	SSP Recessed 4 Loop 1-1/4" SS Man. Large Pump Panel Bot. feed		1	ea.	\$ 4,850.00	<a href="#">110</a>
<a href="#">SSPLR104T</a>	SSP Recessed 4 Loop 1-1/4" SS Man. Large Pump Panel Top feed		1	ea.	\$ 4,850.00	<a href="#">110</a>
<a href="#">SSPLR106B</a>	SSP Recessed 6 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,010.00	<a href="#">110</a>
<a href="#">SSPLR106T</a>	SSP Recessed 6 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,010.00	<a href="#">110</a>
<a href="#">SSPLR108B</a>	SSP Recessed 8 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,482.00	<a href="#">110</a>
<a href="#">SSPLR108T</a>	SSP Recessed 8 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,482.00	<a href="#">110</a>
<a href="#">SSPLR110B</a>	SSP Recessed 10 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,708.00	<a href="#">110</a>
<a href="#">SSPLR110T</a>	SSP Recessed 10 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,708.00	<a href="#">110</a>
<a href="#">SSPLR112B</a>	SSP Recessed 12 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,948.00	<a href="#">110</a>
<a href="#">SSPLR112T</a>	SSP Recessed 12 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,948.00	<a href="#">110</a>
<a href="#">SSPLS104B</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 4,850.00	<a href="#">110</a>
<a href="#">SSPLS104T</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 4,850.00	<a href="#">110</a>
<a href="#">SSPLS106B</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,010.00	<a href="#">110</a>
<a href="#">SSPLS106T</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,010.00	<a href="#">110</a>
<a href="#">SSPLS108B</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,482.00	<a href="#">110</a>
<a href="#">SSPLS108T</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,482.00	<a href="#">110</a>
<a href="#">SSPLS110B</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,708.00	<a href="#">110</a>
<a href="#">SSPLS110T</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,708.00	<a href="#">110</a>
<a href="#">SSPLS112B</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,948.00	<a href="#">110</a>
<a href="#">SSPLS112T</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,948.00	<a href="#">110</a>
<a href="#">SSPLS204B</a>	SSP SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 4,742.00	<a href="#">110</a>
<a href="#">SSPLS204T</a>	SSP SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 4,742.00	<a href="#">110</a>
<a href="#">SSPLS206B</a>	SSP SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 4,928.00	<a href="#">110</a>
<a href="#">SSPLS206T</a>	SSP SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 4,928.00	<a href="#">110</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">SSPLS208B</a>	SSP SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,385.00	<a href="#">110</a>
<a href="#">SSPLS208T</a>	SSP SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,385.00	<a href="#">110</a>
<a href="#">SSPLS210B</a>	SSP SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,597.00	<a href="#">110</a>
<a href="#">SSPLS210T</a>	SSP SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,597.00	<a href="#">110</a>
<a href="#">SSPLS212B</a>	SSP SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,827.00	<a href="#">110</a>
<a href="#">SSPLS212T</a>	SSP SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,827.00	<a href="#">110</a>
<a href="#">SSPSR104B</a>	SSP Recessed 4 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed		1	ea.	\$ 4,056.00	<a href="#">110</a>
<a href="#">SSPSR104T</a>	SSP Recessed 4 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed		1	ea.	\$ 4,056.00	<a href="#">110</a>
<a href="#">SSPSR106B</a>	SSP Recessed 6 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed		1	ea.	\$ 4,218.00	<a href="#">110</a>
<a href="#">SSPSR106T</a>	SSP Recessed 6 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed		1	ea.	\$ 4,218.00	<a href="#">110</a>
<a href="#">SSPSR108B</a>	SSP Recessed 8 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed		1	ea.	\$ 4,688.00	<a href="#">110</a>
<a href="#">SSPSR108T</a>	SSP Recessed 8 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed		1	ea.	\$ 4,688.00	<a href="#">110</a>
<a href="#">SSPSR110B</a>	SSP Recessed 10 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed		1	ea.	\$ 4,916.00	<a href="#">110</a>
<a href="#">SSPSR110T</a>	SSP Recessed 10 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed		1	ea.	\$ 4,916.00	<a href="#">110</a>
<a href="#">SSPSR112B</a>	SSP Recessed 12 Loop 1-1/4" SS Manifold Small Pump Panel Bot. Feed		1	ea.	\$ 5,158.00	<a href="#">110</a>
<a href="#">SSPSR112T</a>	SSP Recessed 12 Loop 1-1/4" SS Manifold Small Pump Panel Top Feed		1	ea.	\$ 5,158.00	<a href="#">110</a>
<a href="#">SSPSS104B</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed		1	ea.	\$ 4,056.00	<a href="#">110</a>
<a href="#">SSPSS104T</a>	SSP SURF MNT 4 Loop 1-1/4" SS Man. Small Pump Panel Top Feed		1	ea.	\$ 4,056.00	<a href="#">110</a>
<a href="#">SSPSS106B</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed		1	ea.	\$ 4,218.00	<a href="#">110</a>
<a href="#">SSPSS106T</a>	SSP SURF MNT 6 Loop 1-1/4" SS Man. Small Pump Panel Top Feed		1	ea.	\$ 4,218.00	<a href="#">110</a>
<a href="#">SSPSS108B</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed		1	ea.	\$ 4,688.00	<a href="#">110</a>
<a href="#">SSPSS108T</a>	SSP SURF MNT 8 Loop 1-1/4" SS Man. Small Pump Panel Top Feed		1	ea.	\$ 4,688.00	<a href="#">110</a>
<a href="#">SSPSS110B</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed		1	ea.	\$ 4,916.00	<a href="#">110</a>
<a href="#">SSPSS110T</a>	SSP SURF MNT 10 Loop 1-1/4" SS Man. Small Pump Panel Top Feed		1	ea.	\$ 4,916.00	<a href="#">110</a>
<a href="#">SSPSS112B</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Small Pump Panel Bot. Feed		1	ea.	\$ 5,158.00	<a href="#">110</a>
<a href="#">SSPSS112T</a>	SSP SURF MNT 12 Loop 1-1/4" SS Man. Small Pump Panel Top Feed		1	ea.	\$ 5,158.00	<a href="#">110</a>
<a href="#">SSTLR104B</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed		1	ea.	\$ 5,263.00	<a href="#">114</a>
<a href="#">SSTLR104T</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed		1	ea.	\$ 5,263.00	<a href="#">114</a>
<a href="#">SSTLR106B</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed		1	ea.	\$ 5,423.00	<a href="#">114</a>
<a href="#">SSTLR106T</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed		1	ea.	\$ 5,423.00	<a href="#">114</a>
<a href="#">SSTLR108B</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed		1	ea.	\$ 5,889.00	<a href="#">114</a>
<a href="#">SSTLR108T</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed		1	ea.	\$ 5,889.00	<a href="#">114</a>
<a href="#">SSTLR110B</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed		1	ea.	\$ 6,121.00	<a href="#">114</a>
<a href="#">SSTLR110T</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed		1	ea.	\$ 6,121.00	<a href="#">114</a>
<a href="#">SSTLR112B</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Large Mixing Panel Bottom Feed		1	ea.	\$ 6,363.00	<a href="#">114</a>
<a href="#">SSTLR112T</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Large Mixing Panel Top Feed		1	ea.	\$ 6,363.00	<a href="#">114</a>
<a href="#">SSTLR204B</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,403.00	<a href="#">114</a>
<a href="#">SSTLR204T</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,403.00	<a href="#">114</a>
<a href="#">SSTLR206B</a>	SST Recessed 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,599.00	<a href="#">114</a>
<a href="#">SSTLR206T</a>	SST Recessed 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,599.00	<a href="#">114</a>
<a href="#">SSTLR208B</a>	SST Recessed 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,794.00	<a href="#">114</a>
<a href="#">SSTLR208T</a>	SST Recessed 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,794.00	<a href="#">114</a>
<a href="#">SSTLR210B</a>	SST Recessed 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 6,008.00	<a href="#">114</a>
<a href="#">SSTLR210T</a>	SST Recessed 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 6,008.00	<a href="#">114</a>
<a href="#">SSTLR212B</a>	SST Recessed 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 6,239.00	<a href="#">114</a>
<a href="#">SSTLR212T</a>	SST Recessed 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 6,239.00	<a href="#">114</a>
<a href="#">SSTLS104B</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed		1	ea.	\$ 5,263.00	<a href="#">114</a>
<a href="#">SSTLS104T</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed		1	ea.	\$ 5,263.00	<a href="#">114</a>
<a href="#">SSTLS106B</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed		1	ea.	\$ 5,423.00	<a href="#">114</a>
<a href="#">SSTLS106T</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed		1	ea.	\$ 5,423.00	<a href="#">114</a>
<a href="#">SSTLS108B</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed		1	ea.	\$ 5,889.00	<a href="#">114</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">SSTLS108T</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed		1	ea.	\$ 5,889.00	<a href="#">114</a>
<a href="#">SSTLS110B</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed		1	ea.	\$ 6,121.00	<a href="#">114</a>
<a href="#">SSTLS110T</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed		1	ea.	\$ 6,121.00	<a href="#">114</a>
<a href="#">SSTLS112B</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Large Mixing Panel Bot. Feed		1	ea.	\$ 6,363.00	<a href="#">114</a>
<a href="#">SSTLS112T</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Large Mixing Panel Top Feed		1	ea.	\$ 6,363.00	<a href="#">114</a>
<a href="#">SSTLS204B</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,403.00	<a href="#">114</a>
<a href="#">SSTLS204T</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,403.00	<a href="#">114</a>
<a href="#">SSTLS206B</a>	SST SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,599.00	<a href="#">114</a>
<a href="#">SSTLS206T</a>	SST SURF MNT 6 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,599.00	<a href="#">114</a>
<a href="#">SSTLS208B</a>	SST SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 5,794.00	<a href="#">114</a>
<a href="#">SSTLS208T</a>	SST SURF MNT 8 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 5,794.00	<a href="#">114</a>
<a href="#">SSTLS210B</a>	SST SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 6,008.00	<a href="#">114</a>
<a href="#">SSTLS210T</a>	SST SURF MNT 10 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 6,008.00	<a href="#">114</a>
<a href="#">SSTLS212B</a>	SST SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Bot. Feed		1	ea.	\$ 6,239.00	<a href="#">114</a>
<a href="#">SSTLS212T</a>	SST SURF MNT 12 Loop 1-1/4" High Flow SS Man. Large Pump Panel Top Feed		1	ea.	\$ 6,239.00	<a href="#">114</a>
<a href="#">SSTSR104B</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed		1	ea.	\$ 4,508.00	<a href="#">112</a>
<a href="#">SSTSR104T</a>	SST Recessed 4 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 4,508.00	<a href="#">112</a>
<a href="#">SSTSR106B</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed		1	ea.	\$ 4,670.00	<a href="#">112</a>
<a href="#">SSTSR106T</a>	SST Recessed 6 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 4,670.00	<a href="#">112</a>
<a href="#">SSTSR108B</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed		1	ea.	\$ 5,138.00	<a href="#">112</a>
<a href="#">SSTSR108T</a>	SST Recessed 8 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 5,138.00	<a href="#">112</a>
<a href="#">SSTSR110B</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed		1	ea.	\$ 5,364.00	<a href="#">112</a>
<a href="#">SSTSR110T</a>	SST Recessed 10 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 5,364.00	<a href="#">112</a>
<a href="#">SSTSR112B</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Small Mixing Panel Bottom Feed		1	ea.	\$ 5,608.00	<a href="#">112</a>
<a href="#">SSTSR112T</a>	SST Recessed 12 Loop 1-1/4" SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 5,608.00	<a href="#">112</a>
<a href="#">SSTSS204B</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Bot. Feed		1	ea.	\$ 4,649.00	<a href="#">112</a>
<a href="#">SSTSS204T</a>	SST Recessed 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 4,649.00	<a href="#">112</a>
<a href="#">SSTSS104B</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed		1	ea.	\$ 4,508.00	<a href="#">112</a>
<a href="#">SSTSS104T</a>	SST SURF MNT 4 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed		1	ea.	\$ 4,508.00	<a href="#">112</a>
<a href="#">SSTSS106B</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed		1	ea.	\$ 4,670.00	<a href="#">112</a>
<a href="#">SSTSS106T</a>	SST SURF MNT 6 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed		1	ea.	\$ 4,670.00	<a href="#">112</a>
<a href="#">SSTSS108B</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed		1	ea.	\$ 5,138.00	<a href="#">112</a>
<a href="#">SSTSS108T</a>	SST SURF MNT 8 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed		1	ea.	\$ 5,138.00	<a href="#">112</a>
<a href="#">SSTSS110B</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed		1	ea.	\$ 5,364.00	<a href="#">112</a>
<a href="#">SSTSS110T</a>	SST SURF MNT 10 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed		1	ea.	\$ 5,364.00	<a href="#">112</a>
<a href="#">SSTSS112B</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Small Mixing Panel Bot. Feed		1	ea.	\$ 5,608.00	<a href="#">112</a>
<a href="#">SSTSS112T</a>	SST SURF MNT 12 Loop 1-1/4" SS Man. Small Mixing Panel Top Feed		1	ea.	\$ 5,608.00	<a href="#">112</a>
<a href="#">SSTSS204B</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Bot. Feed		1	ea.	\$ 4,649.00	<a href="#">112</a>
<a href="#">SSTSS204T</a>	SST SURF MNT 4 Loop 1-1/4" High Flow SS Manifold Small Mixing Panel Top Feed		1	ea.	\$ 4,649.00	<a href="#">112</a>
<a href="#">TFT01</a>	TFT01 Boiler Panel 3 Pump		1	ea.	\$ 3,810.00	<a href="#">92</a>
<a href="#">TFT02</a>	TFT02 High Capacity Boiler 4 Pump		1	ea.	\$ 4,391.00	<a href="#">92</a>
<a href="#">TMP040</a>	TMP 40MBH 3-Way Mixing Panel		1	ea.	\$ 2,706.00	<a href="#">96</a>
<a href="#">TMP070</a>	TMP 70MBH 3-Way Mixing Panel		1	ea.	\$ 3,000.00	<a href="#">96</a>
<a href="#">TMP070RS</a>	TMP 70MBH 3-Way Mixing Panel (Automatic Outdoor Reset)		1	ea.	\$ 5,751.00	<a href="#">98</a>
<a href="#">TMP070Z</a>	TMP 70MBH 3-Way Mixing Panel with Zoning		1	ea.	\$ 4,193.00	<a href="#">97</a>
<a href="#">TMP085DP</a>	TMP 85MBH Dual Pump 3-Way Mixing panel		1	ea.	\$ 4,383.00	<a href="#">99</a>
<a href="#">TMP-MW1P0DSS</a>	TMP-MULTI, PrimaryNone, DHW, LowTmp/SmTMV-2		1	ea.	\$ 6,281.00	<a href="#">101</a>
<a href="#">TMP-MW1P2DSS</a>	TMP-MULTI, Primary26-99, DHW, LowTmp/SmTMV-2		1	ea.	\$ 7,879.00	<a href="#">101</a>
<a href="#">TMP-MW1P0DHSS</a>	TMP-MULTI, PrimaryNone, DHW, HiTmp-1, LowTmp/SmTMV-2		1	ea.	\$ 7,333.00	<a href="#">101</a>
<a href="#">TMP-MW1P2DHSS</a>	TMP-MULTI, Primary26-99, DHW, HiTmp-1, LowTmp/SmTMV-2		1	ea.	\$ 8,931.00	<a href="#">101</a>
<a href="#">TWH070P</a>	TWH 70MBH Tankless Water Heater Mixing Panel (DHW Priority Opt)		1	ea.	\$ 4,147.00	<a href="#">102</a>

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
<a href="#">TWH070XP</a>	TWH 70MBH HH Tankless Water Heater Mixing Panel (DHW Priority Opt)		1	ea.	\$ 5,965.00	<a href="#">102</a>
<a href="#">TWH070XPZ</a>	TWH 70MBH High Head Tankless Water Heater Mixing Panel with Zoning		1	ea.	\$ 6,624.00	<a href="#">103</a>
<a href="#">TWH070Z</a>	TWH 70MBH Tankless Water Heater Mixing Panel with Zoning		1	ea.	\$ 4,715.00	<a href="#">103</a>
<a href="#">V101</a>	V100 Boiler Panel 1 Htg 1 DHW		1	ea.	\$ 3,992.00	<a href="#">89</a>
<a href="#">V102</a>	V100 Boiler Panel 2 Htg 1 DHW		1	ea.	\$ 4,732.00	<a href="#">89</a>
<a href="#">V103</a>	V100 Boiler Panel 3 Htg		1	ea.	\$ 4,732.00	<a href="#">89</a>

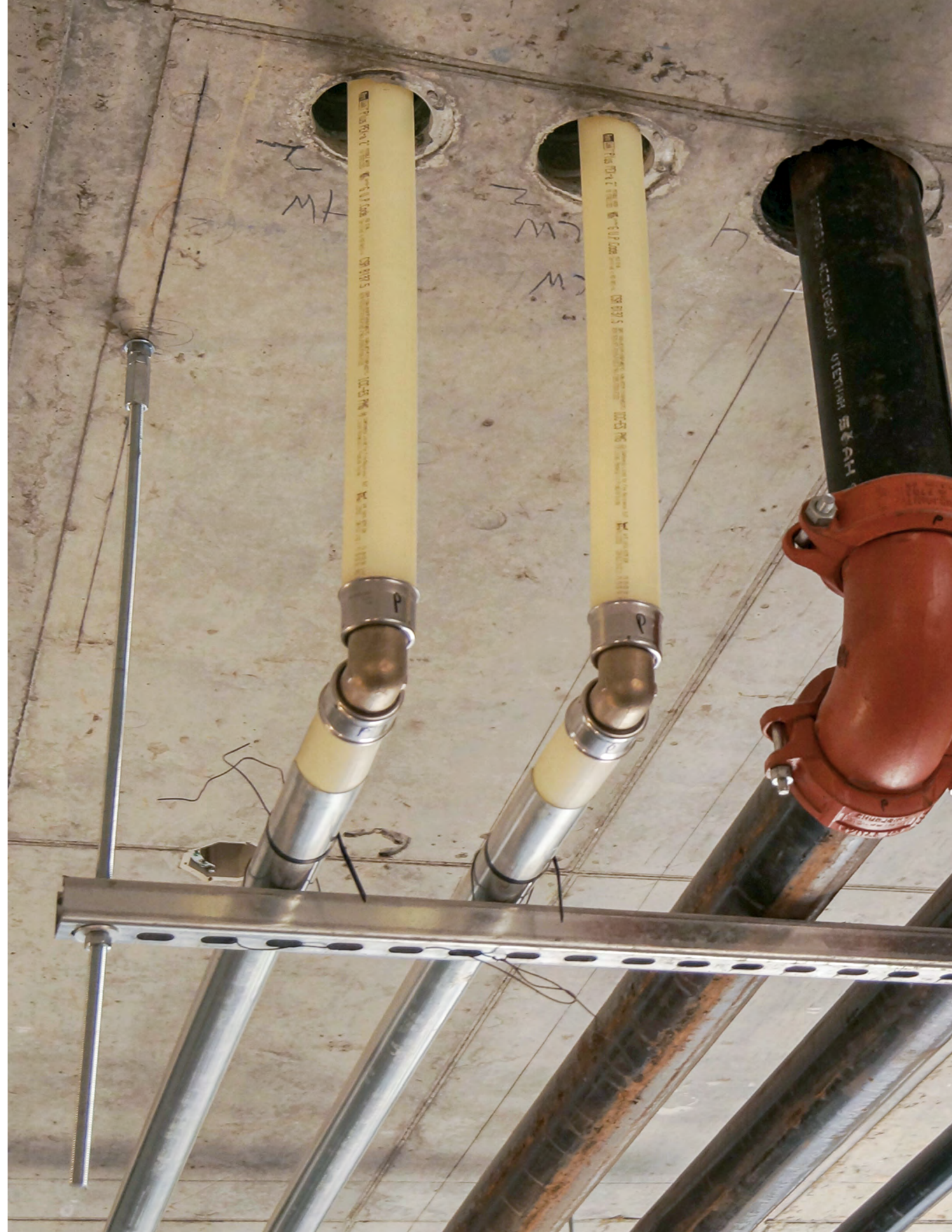
### New Products :

Stk#	Description	Pg.
<a href="#">23305NL</a>	½" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23322NL</a>	¾" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23328NL</a>	1" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23335NL</a>	1-¼" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23341NL</a>	1-½" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23354NL</a>	2" PEX F1807 No Lead Brass Ball Valve, Full Port	<a href="#">28</a>
<a href="#">23822NL</a>	¾" PEX F1807 × ¾" MNPT No Lead Brass Ball Valve	<a href="#">28</a>
<a href="#">EX23305NL</a>	½" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23322NL</a>	¾" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23328NL</a>	1" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23335NL</a>	1-¼" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23341NL</a>	1-½" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23354NL</a>	2" PEX F1960 No Lead Brass Ball Valve, Full Port	<a href="#">40</a>
<a href="#">EX23822NL</a>	¾" PEX F1960 × ¾" MNPT No Lead Brass Ball Valve	<a href="#">40</a>
<a href="#">EX27241NL</a>	1-¼" PEX F1960 × 1-¼" F/Sweat No Lead Brass Adapter	<a href="#">37</a>
<a href="#">EX27254NL</a>	2" PEX F1960 × 2" F/Sweat No Lead Brass Adapter	<a href="#">37</a>

### Discontinued Products :

Stk#	Description	Replaced by
23422NL	¾" PEX × ¾" MNPT No Lead Straight Ball Valve	23822NL
40226	StatLink® 6 Zone Base Module	40318
PLINTR20VA	24Vac 20VA Plug-In Transformer for Panels	PLINTR40VA









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