

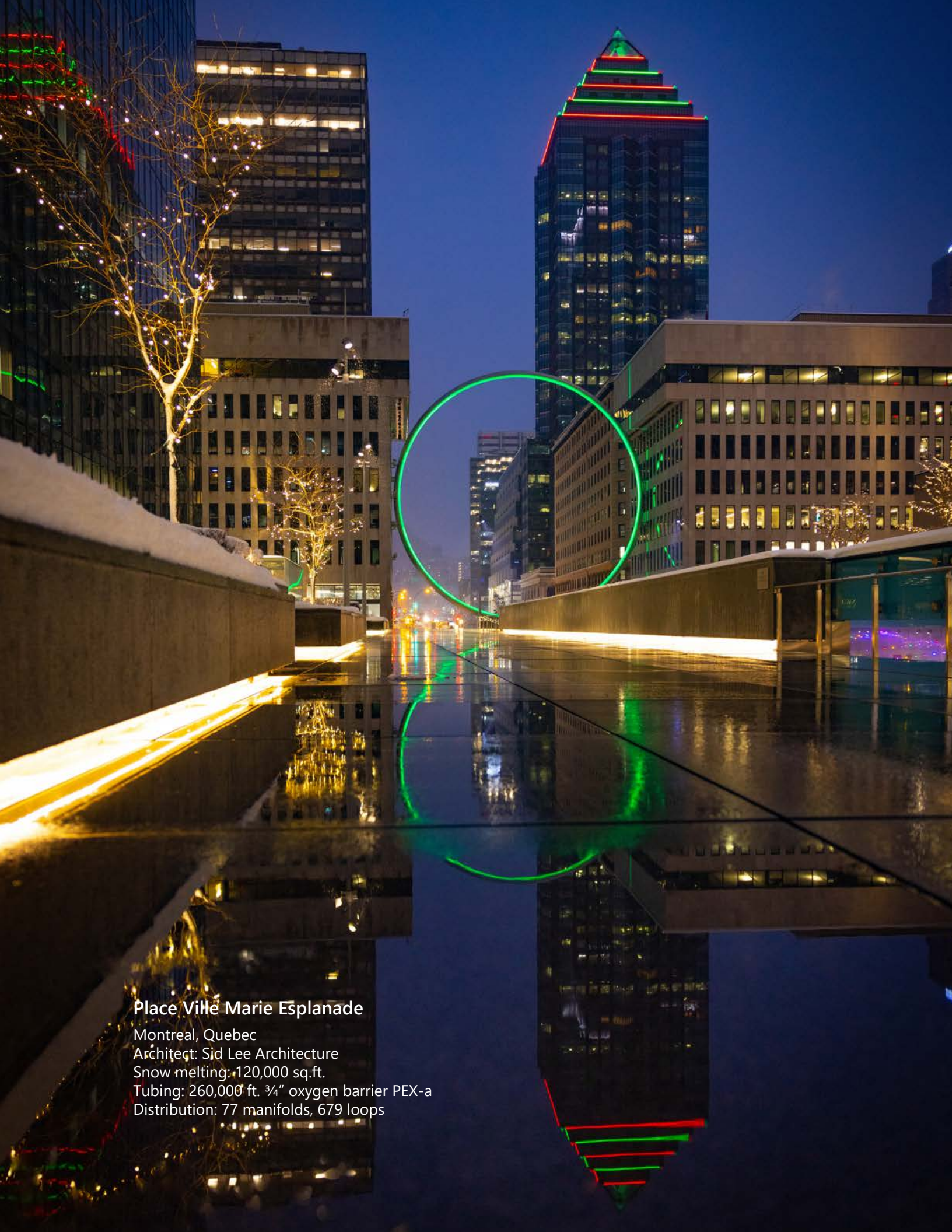


by  MOSACK GROUP

Plumbing, Heating, & Panels Product Catalog / Price List

Effective June 22, 2026

2026 r1
Canada



Place Ville Marie Esplanade

Montreal, Quebec

Architect: Sid Lee Architecture

Snow melting: 120,000 sq.ft.

Tubing: 260,000 ft. $\frac{3}{4}$ " oxygen barrier PEX-a

Distribution: 77 manifolds, 679 loops



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.

In 2017, HeatLink was acquired by Mueller Industries, a publicly traded manufacturer headquartered in Collierville, Tennessee.

In 2023, HeatLink was acquired by The Mosack Group, a privately owned manufacturer based in Mint Hill, North Carolina.

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.

About Our Parent Company

On April 24, 1928, American Lubricator and Brass Co. and Sterling & Skinner Manufacturing Co., two established Detroit-based manufacturers of brass valves and fittings, merged and adopted a new name, Consolidated Brass Company.

The company relocated to Charlotte, NC in 1955. It expanded to Pageland, SC in 1968 and to Conway, SC in 1982. The name of the company was changed to Consolidated Valve Industries in 1975 and Conbraco Industries, Inc. on July 28, 1977.

In June 2010, Aalberts Industries, a Dutch global technology company, purchased Conbraco. Over the next 10 years the Mosacks and Aalberts worked together to expand and strengthen the Apollo Valves name.

In 2018, Glenn Mosack broke out on his own and started The Mosack Group, Inc. by acquiring the retail division of Conbraco Industries, Inc. In 2020, The Mosack Group Inc. completed construction on a 126,000 sq. ft. corporate headquarters and warehouse in Mint Hill, NC. The headquarters expanded in 2022 by adding an additional 106,000 sq. ft. of warehouse and manufacturing space.

Today, The Mosack Group, Inc. is continually striving to be the premier solution for plumbing system connections.

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Please check our [website](http://www.heatlink.com) 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: 5 days from confirmed order (or less).

D/C pickups: 5 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 25% 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.

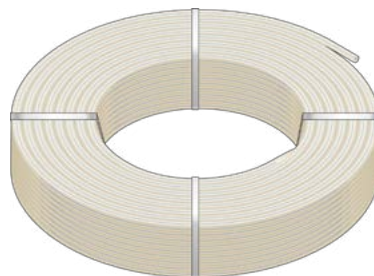
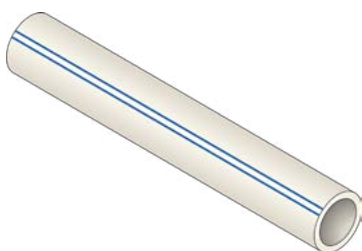
10. Applicable Law

- (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 Print PEX-a Tubing 20000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the outside diameter @ 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](#).



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
20105	½" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	104	coil	\$ 92.800
20305	½" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 278.400
20505	½" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 464.000
20905	½" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 928.000
20122	¾" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	60	coil	\$ 171.600
20322	¾" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 514.800
20522	¾" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	12	coil	\$ 858.000
20128	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	30	coil	\$ 286.200
20328	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 858.600

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

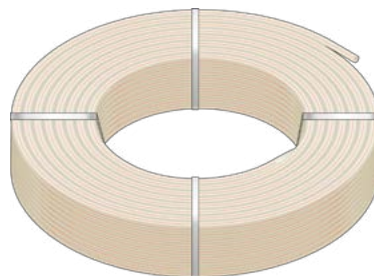
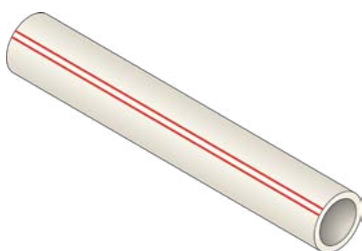
Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
20405	½" 25×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 278.400
20205	½" 20×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 371.200
20422	¾" 10×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 205.920
20222	¾" 10×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 343.200
20428	1" 5×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 171.720
20228	1" 5×20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 286.200

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

PureLink® Plus Red Print PEX-a Tubing 21000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the outside diameter @ 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](#).



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
21105	½" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	104	coil	\$ 92.800
21305	½" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 278.400
21505	½" 500ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 464.000
21122	¾" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	60	coil	\$ 171.600
21322	¾" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 514.800
21128	1" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	30	coil	\$ 286.200
21328	1" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 858.600

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

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
21405	½" 25×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 278.400
21205	½" 20×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 371.200
21422	¾" 10×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 205.920
21222	¾" 10×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 343.200
New! 21428	1" 5×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 171.720
21228	1" 5×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 286.200

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

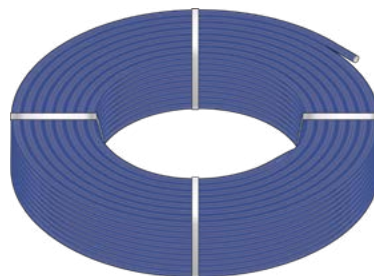
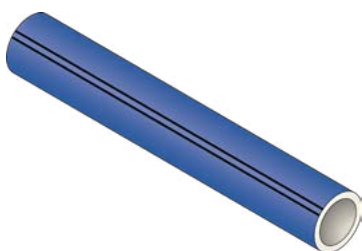


Pre-insulated 100ft coils are available as a special order item.
Minimum quantities and extended lead times apply. Contact us for more information.

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

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the outside diameter @ 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](#).



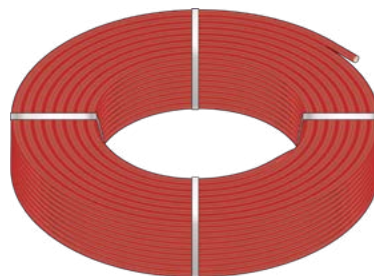
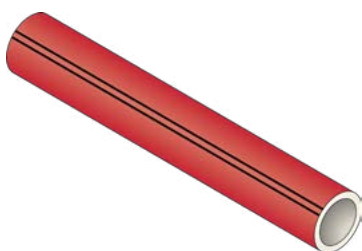
Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
20105BW	½" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	104	coil	\$ 92.800
20305BW	½" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 278.400
20122BW	¾" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	60	coil	\$ 171.600
20322BW	¾" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 514.800
20128BW	1" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	30	coil	\$ 286.200
20328BW	1" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 858.600

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
20205BW	½" 20×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 371.200
20222BW	¾" 10×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 343.200
20228BW	1" 5×20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 286.200

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

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the outside diameter @ 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](#).



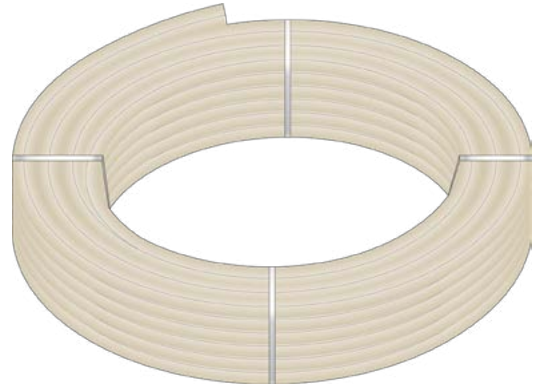
Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
21105RW	½" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	104	coil	\$ 92.800
21305RW	½" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 278.400
21122RW	¾" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	60	coil	\$ 171.600
21322RW	¾" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 514.800
21128RW	1" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	30	coil	\$ 286.200
21328RW	1" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 858.600

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
21205RW	½" 20×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 371.200
21222RW	¾" 10×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 343.200
21228RW	1" 5×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 286.200

PureLink® Plus Large Dimension PEX-a Tubing 20000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the outside diameter @ 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 [SUB20000LD](#).

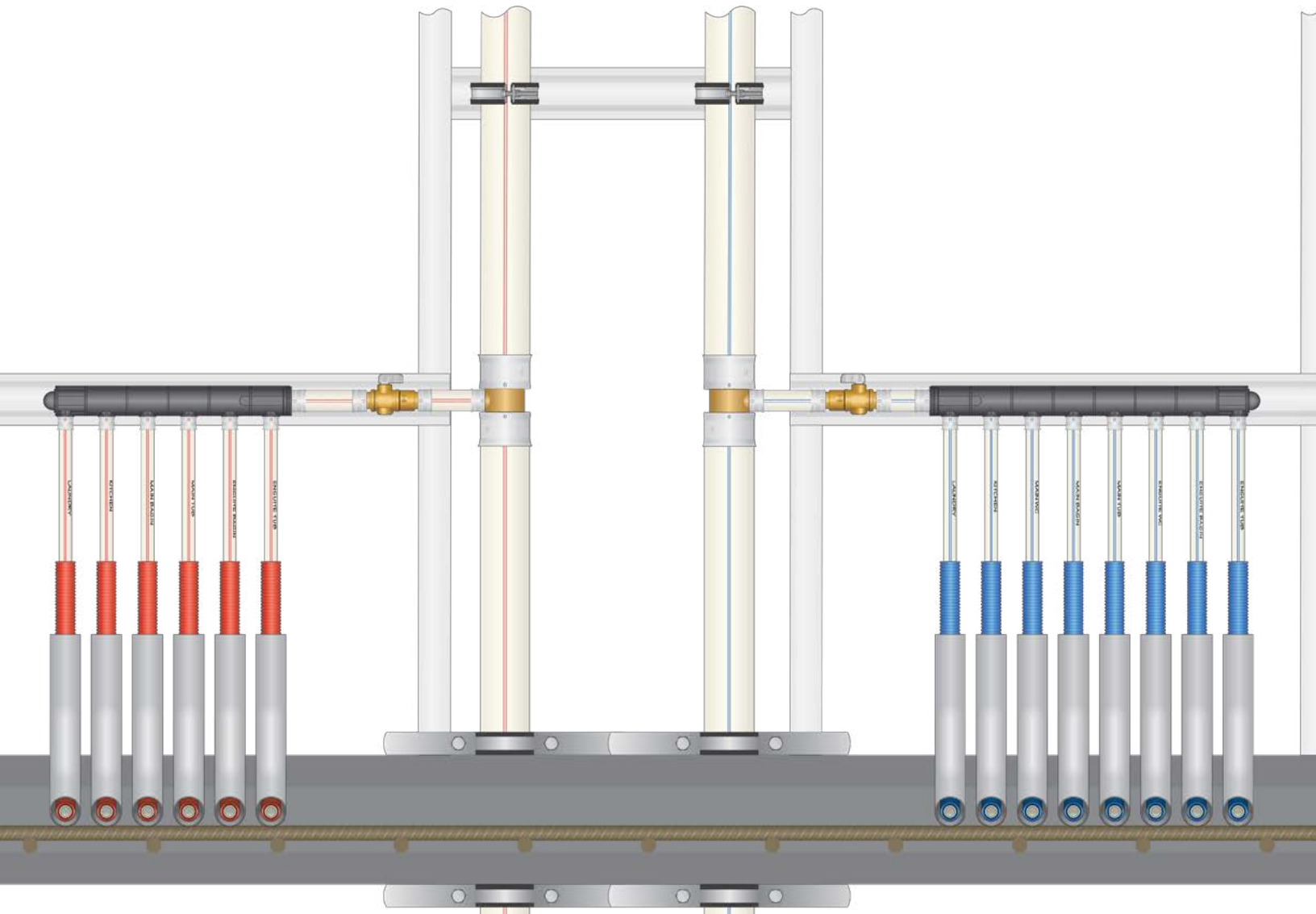
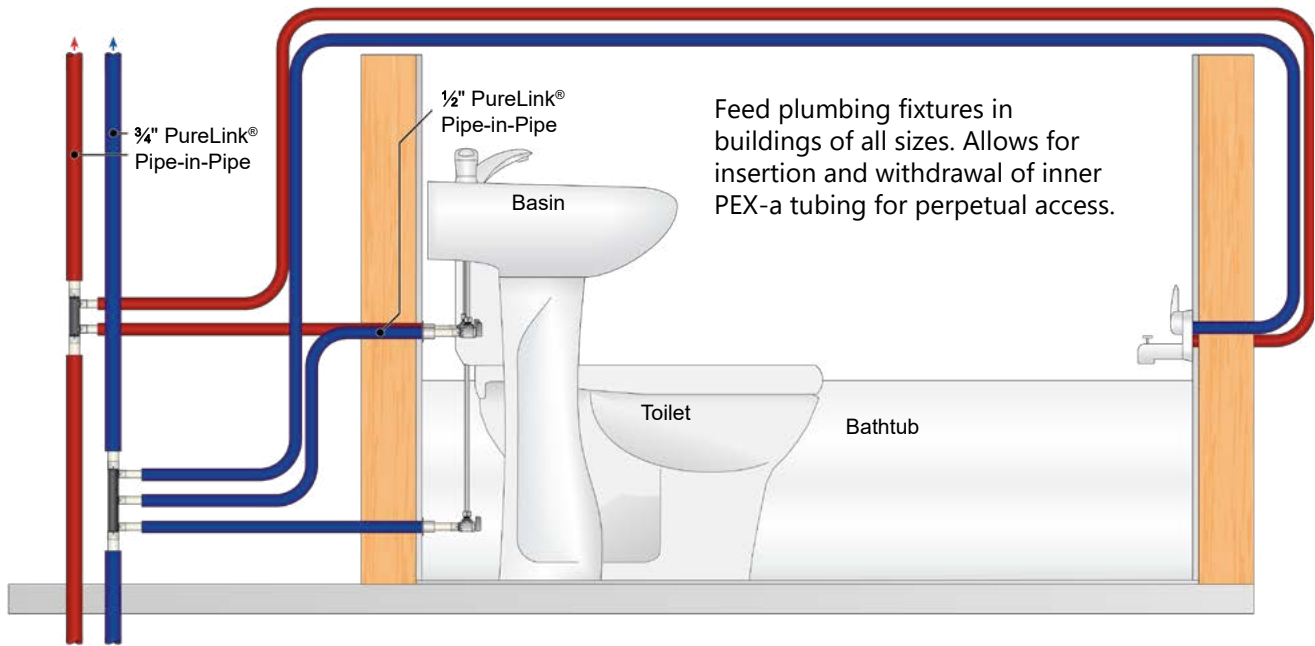


Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
20135	1-1/4" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	10	coil	\$ 609.300
20335	1-1/4" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,827.900
20145	1-1/2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	8	coil	\$ 801.200
20345	1-1/2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	coil	\$ 2,403.600
20154	2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	coil	\$ 1,600.400
20354	2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing	1	3	coil	\$ 4,801.200

Stk#	Description	Pkg Qty	Master Bag	Unit	List Price / Unit
20435	1-1/4" 5×12ft PureLink® Plus UV Stabilized PEX-a Tubing	1	20	bundle	\$ 365.580
20235	1-1/4" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	15	bundle	\$ 609.300
20245	1-1/2" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	10	bundle	\$ 801.200
20254	2" 5×20ft PureLink® Plus UV Stabilized PEX-a Tubing	1	5	bundle	\$ 1,600.400

Pure Link[®] 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

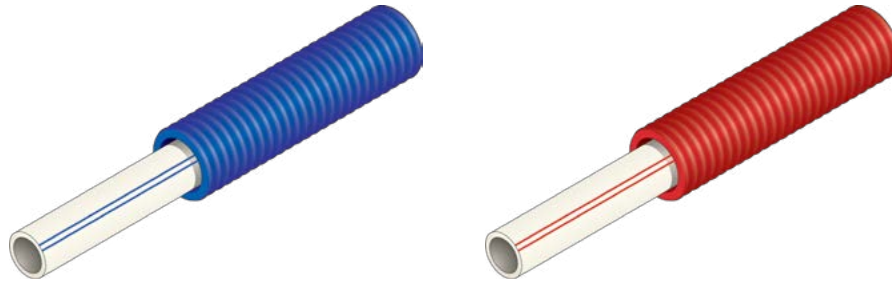
PEX-a carrier tubing specified on previous pages. The flexible, impact resistant PP sheath designed as a raceway for electrical installations provides mechanical and UV protection to the PEX-a carrier tubing. The sheath allows for easy replacement of the PEX-a carrier tubing if needed. Red and Blue colored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

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

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

Corrugated sheath outside diameter for:

1/2" = 0.93" (23.6 mm)
3/4" = 1.33" (33.8 mm)
1" = 1.5" (38.1 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
92305bs	1/2" 300ft Blue PureLink [®] Plus Pipe-in-Pipe	1	18	coil	\$ 430.800
92322bs	3/4" 300ft Blue PureLink [®] Plus Pipe-in-Pipe	1	9	coil	\$ 803.100
92128bs	1" 100ft Blue PureLink [®] Plus Pipe-in-Pipe	1	14	coil	\$ 533.700

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
92305rs	1/2" 300ft Red PureLink [®] Plus Pipe-in-Pipe	1	18	coil	\$ 430.800
92322rs	3/4" 300ft Red PureLink [®] Plus Pipe-in-Pipe	1	9	coil	\$ 803.100
92128rs	1" 100ft Red PureLink [®] Plus Pipe-in-Pipe	1	14	coil	\$ 533.700

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:

1/2" = 0.93" (23.6 mm)
3/4" = 1.33" (33.8 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
92305bcs	1-5/16" 300ft Blue Corrugated Sleeve for 1/2" PEX	1		ea.	\$ 240.410
92322bcs	1-3/8" 300ft Blue Corrugated Sleeve for 3/4" PEX	1		ea.	\$ 407.600

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 or cUPC 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
24205	½" SS Press Sleeve	100	1000	ea.	\$ 0.503
24222	¾" SS Press Sleeve	50	500	ea.	\$ 0.764
24228	1" SS Press Sleeve	50	250	ea.	\$ 1.537
24235	1-¼" SS Press Sleeve	10	150	ea.	\$ 6.010
24241	1-½" SS Press Sleeve	10	100	ea.	\$ 7.179
24250	2" SS Press Sleeve	10	100	ea.	\$ 9.107



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
13202M	2 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	100	ea.	\$ 8.284
13203M	3 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	80	ea.	\$ 11.265
13204M	4 Port, ¾" PEX × Closed End HPP Mini Multiport Tee	5	60	ea.	\$ 14.289



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
13204	4 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	250	ea.	\$ 40.517
13206	6 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	150	ea.	\$ 49.573
13208	8 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee	5	125	ea.	\$ 77.069



Flow Through HPP Mini Multiport Tee 14000M Series

Open on both ends with 3/4" PEX insert connections. 1/2" 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
14202M	2 Port, 3/4" PEX × 3/4" PEX Flow Through HPP Mini Multiport Tee	5	100	ea.	\$ 8.924
14203M	3 Port, 3/4" PEX × 3/4" PEX Flow Through HPP Mini Multiport Tee	5	80	ea.	\$ 11.802
14204M	4 Port, 3/4" PEX × 3/4" PEX Flow Through HPP Mini Multiport Tee	5	60	ea.	\$ 14.738

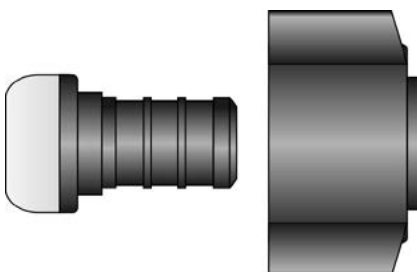
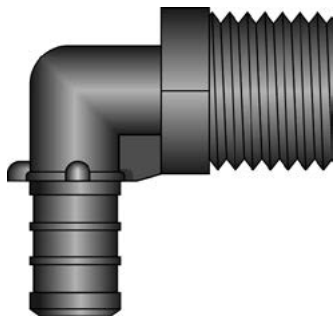
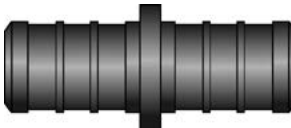
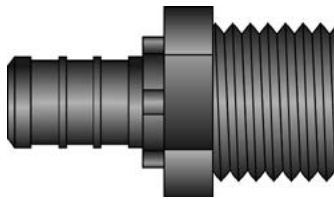
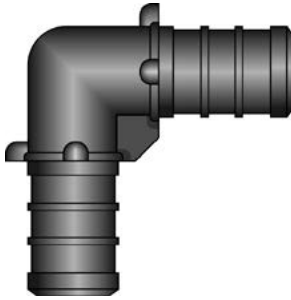
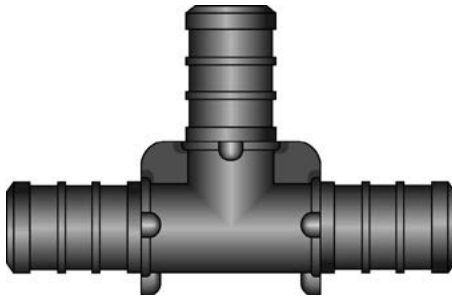


Flow Through HPP Multiport Tee 14000 Series

Open on both ends with 3/4" or 1" PEX insert connections. 1/2" 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
14204	4 Port Single Row, 3/4" PEX × 3/4" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 30.341
14704	4 Port Single Row, 1" PEX × 3/4" PEX Flow Through HPP Multiport Tee	5	200	ea.	\$ 31.454



Heat Link[®]

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.

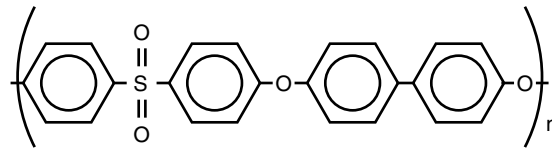
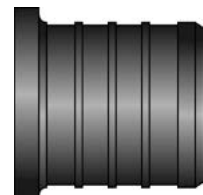
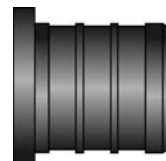
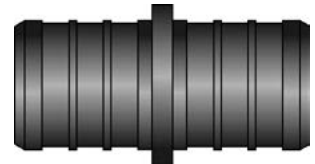
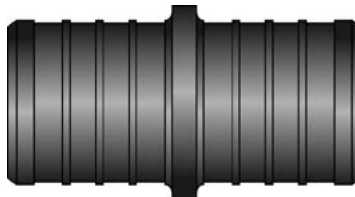
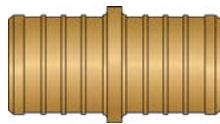


Figure #1 – General Chemical Structure of PPSU

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





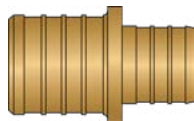
PEX Insert Couplings - **No Lead Brass** 29000NL Series

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
29005NL	½" × ½" PEX No Lead Brass Coupling	25	500	ea.	\$ 2.623
29022NL	¾" × ¾" PEX No Lead Brass Coupling	25	250	ea.	\$ 3.688
29028NL	1" × 1" PEX No Lead Brass Coupling	10	250	ea.	\$ 5.688
29035NL	1-¼" × 1-¼" PEX No Lead Brass Coupling	5	180	ea.	\$ 11.912
29041NL	1-½" × 1-½" PEX No Lead Brass Coupling	5	90	ea.	\$ 41.985
29054NL	2" × 2" PEX No Lead Brass Coupling	5	25	ea.	\$ 62.896

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
29225NL	¾" × ½" PEX No Lead Brass Coupling	25	500	ea.	\$ 4.607
29282NL	1" × ¾" PEX No Lead Brass Coupling	10	250	ea.	\$ 6.240
29238NL	1-¼" × 1" PEX No Lead Brass Coupling	5	200	ea.	\$ 12.301
29243NL	1-½" × 1-¼" PEX No Lead Brass Coupling	5	100	ea.	\$ 22.942
29248NL	1-½" × 1" PEX No Lead Brass Coupling	5	100	ea.	\$ 38.881
29263NL	2" × 1-¼" PEX No Lead Brass Coupling	5	25	ea.	\$ 58.627
29264NL	2" × 1-½" PEX No Lead Brass Coupling	5	25	ea.	\$ 61.536

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](#).

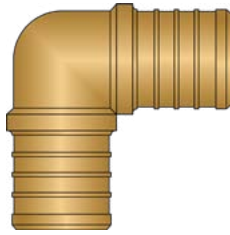
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
19005	½" × ½" PEX HPP Coupling	25	1000	ea.	\$ 1.103
19022	¾" × ¾" PEX HPP Coupling	25	500	ea.	\$ 1.710
19028	1" × 1" PEX HPP Coupling	10	200	ea.	\$ 3.303


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
19225	¾" × ½" PEX HPP Coupling	25	600	ea.	\$ 1.361
19282	1" × ¾" PEX HPP Coupling	5	300	ea.	\$ 3.185



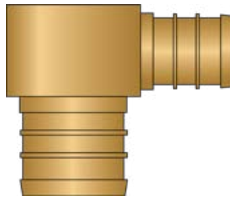
PEX Insert Elbows - **No Lead Brass** 28000NL Series

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
28005NL	½" × ½" PEX No Lead Brass Elbow	25	250	ea.	\$ 3.579
28022NL	¾" × ¾" PEX No Lead Brass Elbow	25	250	ea.	\$ 5.451
28028NL	1" × 1" PEX No Lead Brass Elbow	10	100	ea.	\$ 12.615
28035NL	1-¼" × 1-¼" PEX No Lead Brass Elbow	5	120	ea.	\$ 23.528
28041NL	1-½" × 1-½" PEX No Lead Brass Elbow	5	50	ea.	\$ 56.812
28054NL	2" × 2" PEX No Lead Brass Elbow	5	25	ea.	\$ 105.633

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](#).

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

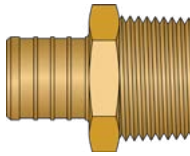


PEX Insert Elbows - **HPP** 18000 Series

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
18005	½" × ½" PEX HPP Elbow	25	600	ea.	\$ 1.409
18022	¾" × ¾" PEX HPP Elbow	25	300	ea.	\$ 2.383
18225	¾" × ½" PEX HPP Elbow	10	400	ea.	\$ 2.220
18028	1" × 1" PEX HPP Elbow	10	150	ea.	\$ 5.562



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

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
27505NL	½" PEX × ½" MNPT No Lead Brass Adapter	25	250	ea.	\$ 6.219
27552NL	½" PEX × ¾" MNPT No Lead Brass Adapter	10	250	ea.	\$ 8.726
27522NL	¾" PEX × ¾" MNPT No Lead Brass Adapter	25	250	ea.	\$ 9.027
27525NL	¾" PEX × 1" MNPT No Lead Brass Adapter	25	250	ea.	\$ 8.724
27528NL	1" PEX × 1" MNPT No Lead Brass Adapter	10	150	ea.	\$ 16.499
27582NL	1" PEX × ¾" MNPT No Lead Brass Adapter	5	200	ea.	\$ 11.514
27535NL	1-¼" PEX × 1-¼" MNPT No Lead Brass Adapter	5	100	ea.	\$ 39.608
27538NL	1-¼" PEX × 1" MNPT No Lead Brass Adapter	5	100	ea.	\$ 25.849
27541NL	1-½" PEX × 1-½" MNPT No Lead Brass Adapter	5	50	ea.	\$ 42.050
27554NL	2" PEX × 2" MNPT No Lead Brass Adapter	5	25	ea.	\$ 124.419

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



PEX Insert × MNPT Adapters - **HPP** 17500 Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
17505	½" PEX × ½" MNPT HPP Adapter	25	500	ea.	\$ 2.295
17552	½" PEX × ¾" MNPT HPP Adapter	25	350	ea.	\$ 2.886
17522	¾" PEX × ¾" MNPT HPP Adapter	25	300	ea.	\$ 2.976

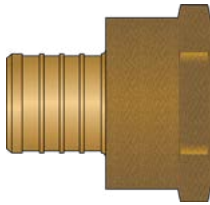


Drop Ear Elbows - **No Lead Brass** 28300NL Series

Solid no lead brass (C69300-EcoBrass) ½" PEX insert × ½" 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
28305NL	½" PEX × ½" FNPT Drop Ear No Lead Brass Elbow	10	160	ea.	\$ 15.051



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

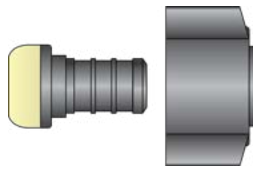
Solid no lead brass (C69300-EcoBrass) PEX insert × FNPT adapters. SS press sleeves sold separately.

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

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Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
27605NL	½" PEX × ½" FNPT No Lead Brass Adapter	25	400	ea.	\$ 7.511
27622NL	¾" PEX × ¾" FNPT No Lead Brass Adapter	25	300	ea.	\$ 10.852
27628NL	1" PEX × 1" FNPT No Lead Brass Adapter	25	150	ea.	\$ 14.584
27632NL	1-¼" PEX × ¾" FNPT No Lead Brass Adapter	5	200	ea.	\$ 20.338
27635NL	1-¼" PEX × 1-¼" FNPT No Lead Brass Adapter	5	80	ea.	\$ 46.550
27638NL	1-¼" PEX × 1" FNPT No Lead Brass Adapter	5	100	ea.	\$ 25.731

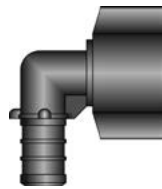


PEX Insert x FNPT Swivel Adapters - **HPP** 17700 Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
17755	½" PEX x ½" FNPT Swivel HPP Adapter	25	500	ea.	\$ 2.873



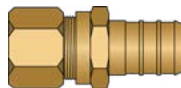
PEX Insert x FNPT Swivel Elbow Adapter - **HPP** Stk# 18605

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

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

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Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
18605	½" PEX x ½" FNPT HPP Swivel Elbow	25	300	ea.	\$ 2.766



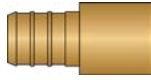
½" PEX x ¾" O.D. Comp. Straight Lav. Tube Adapter - **NL** **Brass**

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
25751NL	½" PEX x ¾" O.D. No Lead Brass Adapter	5	100	ea.	\$ 4.547



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

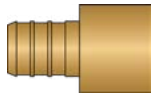
Solid no lead brass (C69300-EcoBrass) PEX insert × male sweat adapters. SS press sleeves sold separately.

Not intended for use with copper press fittings.

For complete specifications, see submittal [SUB27100NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
27105NL	½" PEX × ½" M/Sweat No Lead Brass Adapter	25	700	ea.	\$ 2.994
27122NL	¾" PEX × ¾" M/Sweat No Lead Brass Adapter	25	400	ea.	\$ 5.702
27128NL	1" PEX × 1" M/Sweat No Lead Brass Adapter	10	200	ea.	\$ 9.889
27135NL	1-¼" PEX × 1-¼" M/Sweat No Lead Brass Adapter	5	120	ea.	\$ 18.847
27141NL	1-½" PEX × 1-½" M/Sweat No Lead Brass Adapter	5	80	ea.	\$ 64.778
27154NL	2" PEX × 2" M/Sweat No Lead Brass Adapter	5	25	ea.	\$ 80.453

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 [SUB27200NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
27205NL	½" PEX × ½" F/Sweat No Lead Brass Adapter	25	700	ea.	\$ 3.398
27222NL	¾" PEX × ¾" F/Sweat No Lead Brass Adapter	25	400	ea.	\$ 6.223
27228NL	1" PEX × 1" F/Sweat No Lead Brass Adapter	10	200	ea.	\$ 13.943
27235NL	1-¼" PEX × 1-¼" F/Sweat No Lead Brass Adapter	5	120	ea.	\$ 22.661



PEX Insert × Groove Adapters - **No Lead Brass** EX27G00NL Series

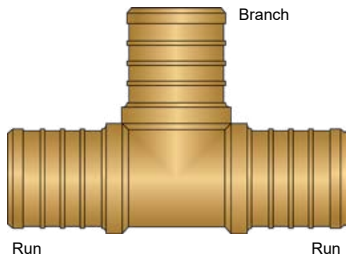
Solid no lead brass (C69300-EcoBrass) PEX insert × groove adapters. SS press sleeves sold separately.

For complete specifications, see submittal [SUB27G00NL](#).

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
27G54NL	2" PEX F1807 × 2" IPS Roll Groove No Lead Brass Adapter	5	25	ea.	\$ 91.500

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



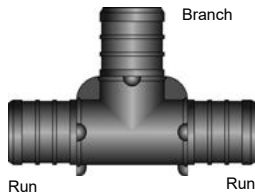
PEX Insert Tees - **No Lead Brass** 26000NL Series

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
26555NL	½" × ½" × ½" PEX No Lead Brass Tee	25	250	ea.	\$ 4.524
26222NL	¾" × ¾" × ¾" PEX No Lead Brass Tee	25	250	ea.	\$ 7.165
26888NL	1" × 1" × 1" PEX No Lead Brass Tee	10	100	ea.	\$ 15.287
26333NL	1-¼" × 1-¼" × 1-¼" PEX No Lead Brass Tee	5	80	ea.	\$ 36.701
26444NL	1-½" × 1-½" × 1-½" PEX No Lead Brass Tee	5	30	ea.	\$ 77.521
26666NL	2" × 2" × 2" PEX No Lead Brass Tee	5	25	ea.	\$ 147.947

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

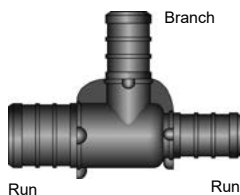


PEX Insert Tees - **HPP** 16000 Series

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
16555	½" × ½" × ½" PEX HPP Tee	25	400	ea.	\$ 1.988
16222	¾" × ¾" × ¾" PEX HPP Tee	25	200	ea.	\$ 3.059
16888	1" × 1" × 1" PEX HPP Tee	10	100	ea.	\$ 7.893

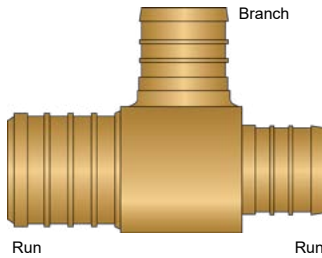


PEX Insert Reducing Tees - **HPP** 16000 Series

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
16552	½" × ½" × ¾" PEX HPP Tee	25	300	ea.	\$ 2.501
16225	¾" × ¾" × ½" PEX HPP Tee	25	250	ea.	\$ 2.826
16228	¾" × ¾" × 1" PEX HPP Tee	5	300	ea.	\$ 6.510
16255	¾" × ½" × ½" PEX HPP Tee	25	300	ea.	\$ 2.358
16252	¾" × ½" × ¾" PEX HPP Tee	25	250	ea.	\$ 2.986
16885	1" × 1" × ½" PEX HPP Tee	10	360	ea.	\$ 5.996
16882	1" × 1" × ¾" PEX HPP Tee	5	100	ea.	\$ 6.136
16822	1" × ¾" × ¾" PEX HPP Tee	5	320	ea.	\$ 6.738
16828	1" × ¾" × 1" PEX HPP Tee	5	300	ea.	\$ 6.355



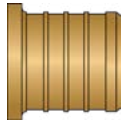
PEX Insert Reducing Tees - **No Lead Brass** 26000NL Series

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
26225NL	¾" × ¾" × ½" PEX No Lead Brass Tee	25	250	ea.	\$ 6.992
26252NL	¾" × ½" × ¾" PEX No Lead Brass Tee	25	250	ea.	\$ 7.136
26255NL	¾" × ½" × ½" PEX No Lead Brass Tee	25	250	ea.	\$ 6.987
26822NL	1" × ¾" × ¾" PEX No Lead Brass Tee	5	100	ea.	\$ 15.750
26885NL	1" × 1" × ½" PEX No Lead Brass Tee	10	100	ea.	\$ 14.868
26882NL	1" × 1" × ¾" PEX No Lead Brass Tee	5	100	ea.	\$ 16.817
26382NL	1-¼" × 1" × ¾" PEX No Lead Brass Tee	5	100	ea.	\$ 36.090
26388NL	1-¼" × 1" × 1" PEX No Lead Brass Tee	5	100	ea.	\$ 39.850
26335NL	1-¼" × 1-¼" × ½" PEX No Lead Brass Tee	5	100	ea.	\$ 31.658
26332NL	1-¼" × 1-¼" × ¾" PEX No Lead Brass Tee	5	80	ea.	\$ 35.384
26338NL	1-¼" × 1-¼" × 1" PEX No Lead Brass Tee	5	80	ea.	\$ 42.675
26422NL	1-½" × ¾" × ¾" PEX No Lead Brass Tee	5	60	ea.	\$ 38.925
26432NL	1-½" × 1-¼" × ¾" PEX No Lead Brass Tee	5	50	ea.	\$ 61.315
26442NL	1-½" × 1-½" × ¾" PEX No Lead Brass Tee	5	50	ea.	\$ 49.036
26488NL	1-½" × 1" × 1" PEX No Lead Brass Tee	5	50	ea.	\$ 65.836
26433NL	1-½" × 1-¼" × 1-¼" PEX No Lead Brass Tee	5	40	ea.	\$ 49.588
26448NL	1-½" × 1-½" × 1" PEX No Lead Brass Tee	5	40	ea.	\$ 71.001
26443NL	1-½" × 1-½" × 1-¼" PEX No Lead Brass Tee	5	40	ea.	\$ 55.686
26633NL	2" × 1-¼" × 1-¼" PEX No Lead Brass Tee	5	25	ea.	\$ 164.603
26642NL	2" × 1-½" × ¾" PEX No Lead Brass Tee	5	25	ea.	\$ 122.026
26648NL	2" × 1-½" × 1" PEX No Lead Brass Tee	5	25	ea.	\$ 125.947
26643NL	2" × 1-½" × 1-¼" PEX No Lead Brass Tee	5	25	ea.	\$ 130.581
26644NL	2" × 1-½" × 1-½" PEX No Lead Brass Tee	5	25	ea.	\$ 144.097
26662NL	2" × 2" × ¾" PEX No Lead Brass Tee	5	25	ea.	\$ 123.654
26668NL	2" × 2" × 1" PEX No Lead Brass Tee	5	25	ea.	\$ 120.742
26663NL	2" × 2" × 1-¼" PEX No Lead Brass Tee	5	25	ea.	\$ 125.339
26664NL	2" × 2" × 1-½" PEX No Lead Brass Tee	5	25	ea.	\$ 141.490

Note: 1-½" 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
25005NL	½" PEX No Lead Brass Plug	25	1200	ea.	\$ 2.127
25022NL	¾" PEX No Lead Brass Plug	25	1000	ea.	\$ 3.051
25028NL	1" PEX No Lead Brass Plug	5	510	ea.	\$ 4.468
25035NL	1-¼" PEX No Lead Brass Plug	5	260	ea.	\$ 11.709
25041NL	1-½" PEX No Lead Brass Plug	5	110	ea.	\$ 55.072
25054NL	2" PEX No Lead Brass Plug	5	25	ea.	\$ 57.590

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

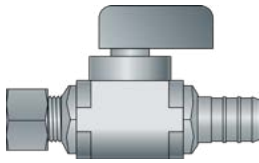


PEX Insert Plugs - **HPP** 15000 Series

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
15005	½" PEX HPP Plug	25	2000	ea.	\$ 0.793
15022	¾" PEX HPP Plug	25	1000	ea.	\$ 1.295
15028	1" PEX HPP Plug	5	500	ea.	\$ 2.149



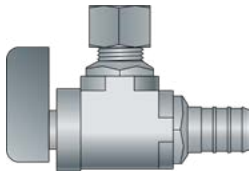
Plated Straight Ball Valve - **No Lead Brass** Stk #23505NL

No lead brass (C69300-EcoBrass) 1/2" PEX × 3/8" O.D. compression, nickel plated straight ball valve. SS press sleeves sold separately.

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

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23505NL	1/2" PEX × 3/8" O.D. No Lead Brass Plated Straight Ball Valve	24	144	ea.	\$ 27.430



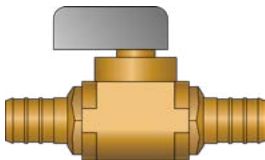
Plated Angle Ball Valve - **No Lead Brass** Stk# 23605NL

No lead brass (C69300-EcoBrass) 1/2" PEX × 3/8" O.D. compression, nickel plated angle ball valve. SS press sleeves sold separately.

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

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23605NL	1/2" PEX × 3/8" O.D. No Lead Brass Plated Angle Ball Valve	24	144	ea.	\$ 27.694



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](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23705NL	1/2" PEX Straight No Lead Brass Ball Valve	24	144	ea.	\$ 29.222
23722NL	3/4" PEX Straight No Lead Brass Ball Valve	24	144	ea.	\$ 36.800



Plated Straight Stop Valves - **No Lead Brass** Stk# 23505NLB & 23905NLB

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

For complete specifications, see submittal [SUB23500NLB](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23505NLB	½" PEX × ⅜" O.D. No Lead Brass Plated Straight Ball Valve	20	240	ea.	\$ 9.140
23905NLB	½" PEX × ¼" O.D. No Lead Straight Ball Valve	20	240	ea.	\$ 8.826



Plated Angle Stop Valves - **No Lead Brass** Stk# 23605NLB

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

For complete specifications, see submittal [SUB23600NLB](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23605NLB	½" PEX × ⅜" O.D. No Lead Brass Plated Angle Ball Valve	20	240	ea.	\$ 9.604



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](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23305NL	½" PEX F1807 No Lead Brass Ball Valve, Full Port	10	120	ea.	\$ 8.891
23322NL	¾" PEX F1807 No Lead Brass Ball Valve, Full Port	10	80	ea.	\$ 12.491
23328NL	1" PEX F1807 No Lead Brass Ball Valve, Full Port	6	48	ea.	\$ 19.880
23335NL	1-¼" PEX F1807 No Lead Brass Ball Valve, Full Port	4	24	ea.	\$ 35.636
23341NL	1-½" PEX F1807 No Lead Brass Ball Valve, Full Port	2	16	ea.	\$ 50.755
23354NL	2" PEX F1807 No Lead Brass Ball Valve, Full Port	2	12	ea.	\$ 73.292



PEX Insert Ball Valves with Butterfly Handle - **No Lead Brass** 23300NL-BF Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23305NL-BF	½" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port	10	120	ea.	\$ 8.891
23322NL-BF	¾" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port	10	80	ea.	\$ 12.491
23328NL-BF	1" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port	6	48	ea.	\$ 19.880



PEX Insert Ball Valves with Drain - **No Lead Brass** 23300NL-D Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23305NL-D	½" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port	10	100	ea.	\$ 9.964
23322NL-D	¾" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port	10	100	ea.	\$ 14.537
23328NL-D	1" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port	10	80	ea.	\$ 22.267

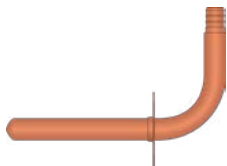


PEX Insert × MNPT Ball Valves - **No Lead Brass** 23800NL Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
23822NL	¾" PEX F1807 × ¾" MNPT No Lead Brass Ball Valve	10	80	ea.	\$ 14.404



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
28205	½" PEX Barb Stubout Elbow with Edge Bracket	25	100	ea.	\$ 15.262



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
28206	½" PEX × Closed, 3-½" × 6" Stub-out Elbow		50	ea.	\$ 9.558



F1960 PEX-a Potable Water Expansion System



Fittings and Multiport Tees

High Performance Plastic (HPP) and No Lead (Eco)Brass fittings available in 1/2" 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
EX24205	½" PEX F1960 Expansion Ring	100	1000	ea.	\$ 0.648
EX24222	¾" PEX F1960 Expansion Ring	50	500	ea.	\$ 0.918
EX24228	1" PEX F1960 Expansion Ring	50	250	ea.	\$ 2.748
EX24235	1-¼" PEX F1960 Expansion Ring	10	150	ea.	\$ 3.192
EX24241	1-½" PEX F1960 Expansion Ring	10	100	ea.	\$ 4.198
EX24250	2" PEX F1960 Expansion Ring	5	50	ea.	\$ 6.794

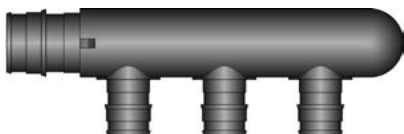


PEX F1960 Plugs - *HPP* EX15000 Series

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
EX15005	½" PEX F1960 HPP Plug	25	1000	ea.	\$ 1.913
EX15022	¾" PEX F1960 HPP Plug	25	500	ea.	\$ 3.312
EX15028	1" PEX F1960 HPP Plug	5	600	ea.	\$ 6.348
EX15035	1-¼" PEX F1960 HPP Plug	1	50	ea.	\$ 24.393
EX15041	1-½" PEX F1960 HPP Plug	1	50	ea.	\$ 34.050
EX15054	2" PEX F1960 HPP Plug	1	50	ea.	\$ 48.284



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
EX13203	3 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	80	ea.	\$ 20.135
EX13204	4 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	60	ea.	\$ 28.641
EX13206	6 Port, 3/4" PEX F1960 × Closed End HPP Multiport Tee	5	40	ea.	\$ 35.324
EX13804	4 Port, 1" PEX F1960 × Closed End HPP Multiport Tee	5	50	ea.	\$ 50.074
EX13806	6 Port, 1" PEX F1960 × Closed End HPP Multiport Tee	5	40	ea.	\$ 62.893



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
EX14202	2 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	100	ea.	\$ 15.902
EX14203	3 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	80	ea.	\$ 22.930
EX14204	4 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	60	ea.	\$ 29.225
EX14206	6 Port, 3/4" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	40	ea.	\$ 30.663
EX14704	4 Port, 1" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	50	ea.	\$ 50.237
EX14706	6 Port, 1" × 3/4" PEX F1960 Flow Through HPP Multiport Tee	5	40	ea.	\$ 70.437
EX14804	4 Port, 1" × 1" PEX F1960 Flow Through HPP Multiport Tee	5	50	ea.	\$ 47.591
EX14806	6 Port, 1" × 1" PEX F1960 Flow Through HPP Multiport Tee	5	50	ea.	\$ 68.833

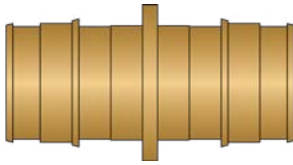


PEX F1960 Commercial HPP Multiport Tees EX13000C Series

These commercial multiport tees have 1/2" PEX F1960 branches in a double offset row to allow more connections in a smaller space. Inlet is a PEX F1960 connection and the opposite end is closed. Used with commercial PEX-a potable water expansion systems. Comes with mounting clips and screws.

For complete specifications, see submittal [SUBEX13000C](#)

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX13208C	8 Port, 3/4" PEX F1960 × Closed End HPP Commercial Multiport Tee	1	50	ea.	\$ 79.110
New!	EX13810C	10 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	1	50	ea.	\$ 99.170
New!	EX13812C	12 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	1	50	ea.	\$ 117.260



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
WSL	EX29005NL	½" × ½" PEX F1960 No Lead Brass Coupling	25	500	ea.	\$ 5.208
WSL	EX29022NL	¾" × ¾" PEX F1960 No Lead Brass Coupling	25	250	ea.	\$ 10.799
WSL	EX29028NL	1" × 1" PEX F1960 No Lead Brass Coupling	10	250	ea.	\$ 15.015
WSL	EX29225NL	¾" × ½" PEX F1960 No Lead Brass Coupling	25	500	ea.	\$ 11.779
WSL	EX29282NL	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
	EX19005	½" × ½" PEX F1960 HPP Coupling	25	600	ea.	\$ 2.572
	EX19022	¾" × ¾" PEX F1960 HPP Coupling	25	300	ea.	\$ 3.971
	EX19028	1" × 1" PEX F1960 HPP Coupling	10	100	ea.	\$ 6.618
	EX19035	1-¼" × 1-¼" PEX F1960 HPP Coupling	1	50	ea.	\$ 14.006
	EX19041	1-½" × 1-½" PEX F1960 HPP Coupling	1	50	ea.	\$ 16.726
	EX19054	2" × 2" PEX F1960 HPP Coupling	1	50	ea.	\$ 55.138

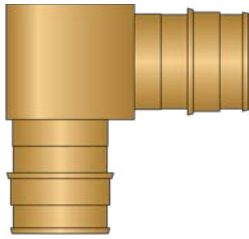


PEX F1960 Reducing Couplings - **HPP** EX19200 Series

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
	EX19225	¾" × ½" PEX F1960 HPP Coupling	25	300	ea.	\$ 3.311
	EX19282	1" × ¾" PEX F1960 HPP Coupling	5	150	ea.	\$ 10.302
	EX19232	1-¼" × ¾" PEX F1960 HPP Coupling	1	80	ea.	\$ 12.560
	EX19238	1-¼" × 1" PEX F1960 HPP Coupling	1	50	ea.	\$ 12.378
	EX19242	1-½" × ¾" PEX F1960 HPP Coupling	1	50	ea.	\$ 14.629
	EX19243	1-½" × 1-¼" PEX F1960 HPP Coupling	1	50	ea.	\$ 15.510
	EX19248	1-½" × 1" PEX F1960 HPP Coupling	1	50	ea.	\$ 15.448
	EX19264	2" × 1-½" PEX F1960 HPP Coupling	1	50	ea.	\$ 48.711



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
WSL	EX28005NL	½" × ½" PEX F1960 No Lead Brass Elbow	25	250	ea.	\$ 12.672
WSL	EX28022NL	¾" × ¾" PEX F1960 No Lead Brass Elbow	25	250	ea.	\$ 18.653
WSL	EX28028NL	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
	EX18005	½" × ½" PEX F1960 HPP Elbow	25	500	ea.	\$ 3.350
	EX18022	¾" × ¾" PEX F1960 HPP Elbow	25	300	ea.	\$ 6.062
	EX18028	1" × 1" PEX F1960 HPP Elbow	10	100	ea.	\$ 12.002
	EX18035	1-¼" × 1-¼" PEX F1960 HPP Elbow	1	50	ea.	\$ 25.299
	EX18041	1-½" × 1-½" PEX F1960 HPP Elbow	1	50	ea.	\$ 33.686
	EX18054	2" × 2" PEX F1960 HPP Elbow	1	50	ea.	\$ 81.597

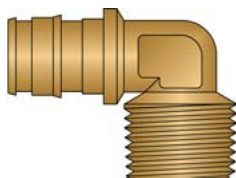


PEX F1960 45° Elbows - **HPP** EX18400 Series

High Performance Polymer PEX F1960 45° elbows. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX18400](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX18441	1-½" × 1-½" PEX F1960 HPP 45 Elbow	1	50	ea.	\$ 32.890
New!	EX18454	2" × 2" PEX F1960 HPP 45 Elbow	1	50	ea.	\$ 79.600

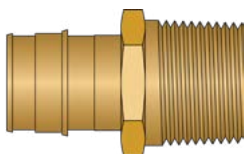


PEX F1960 × MNPT Elbow Adapters - **No Lead Brass** EX28500NL Series

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

For complete specifications, see submittal [SUBEX28500NL](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX28505NL	½" PEX F1960 × ½" MNPT No Lead Brass Elbow	25	250	ea.	\$ 23.456



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
EX27505NL	½" PEX F1960 × ½" MNPT No Lead Brass Adapter	25	250	ea.	\$ 9.288
EX27552NL	½" PEX F1960 × ¾" MNPT No Lead Brass Adapter	25	250	ea.	\$ 21.543
EX27521NL	¾" PEX F1960 × 1" MNPT No Lead Brass Adapter	10	150	ea.	\$ 32.338
EX27522NL	¾" PEX F1960 × ¾" MNPT No Lead Brass Adapter	25	250	ea.	\$ 17.107
EX27528NL	1" PEX F1960 × 1" MNPT No Lead Brass Adapter	10	150	ea.	\$ 38.184
EX27582NL	1" PEX F1960 × ¾" MNPT No Lead Brass Adapter	10	150	ea.	\$ 33.005
EX27535NL	1-¼" PEX F1960 × 1-¼" MNPT No Lead Brass Adapter	5	70	ea.	\$ 100.481
EX27541NL	1-½" PEX F1960 × 1-½" MNPT No Lead Brass Adapter	5	25	ea.	\$ 113.669
EX27554NL	2" PEX F1960 × 2" MNPT No Lead Brass Adapter	5	10	ea.	\$ 332.321

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
EX17505	½" PEX F1960 × ½" MNPT HPP Adapter	25	375	ea.	\$ 2.016
EX17552	½" PEX F1960 × ¾" MNPT HPP Adapter	25	350	ea.	\$ 2.598
EX17522	¾" PEX F1960 × ¾" MNPT HPP Adapter	25	300	ea.	\$ 3.204

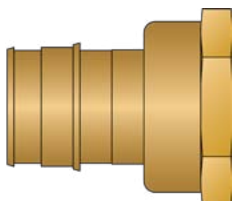


PEX F1960 Drop Ear Elbows - **No Lead Brass** EX28300NL Series

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
EX28305NL	½" PEX F1960 × ½" FNPT Drop Ear No Lead Brass Elbow	10	160	ea.	\$ 23.123
EX28322NL	¾" PEX F1960 × ¾" FNPT Drop Ear No Lead Brass Elbow	4	120	ea.	\$ 50.423



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
EX27605NL	½" PEX F1960 × ½" FNPT No Lead Brass Adapter	25	400	ea.	\$ 20.109
EX27622NL	¾" PEX F1960 × ¾" FNPT No Lead Brass Adapter	25	300	ea.	\$ 22.321
EX27628NL	1" PEX F1960 × 1" FNPT No Lead Brass Adapter	25	150	ea.	\$ 44.882
EX27635NL	1-¼" PEX F1960 × 1-¼" FNPT No Lead Brass Adapter	5	70	ea.	\$ 108.590
EX27641NL	1-½" PEX F1960 × 1-½" FNPT No Lead Brass Adapter	5	35	ea.	\$ 179.690
EX27654NL	2" PEX F1960 × 2" FNPT No Lead Brass Adapter	5	30	ea.	\$ 392.443

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

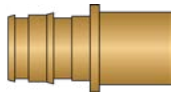


PEX F1960 × Swivel Adapters - **HPP** EX17700 Series

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
EX17755	½" PEX F1960 × ½" Swivel HPP Adapter	25	400	ea.	\$ 6.299



PEX F1960 × Male Sweat Adapters - **No Lead Brass** EX27100NL 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 [SUBEX27100NL](#).

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Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX27105NL	½" PEX F1960 × ½" M/Sweat No Lead Brass Adapter	25	700	ea.	\$ 6.767
EX27152NL	½" PEX F1960 × ¾" M/Sweat No Lead Brass Adapter	25		ea.	\$ 13.682
EX27122NL	¾" PEX F1960 × ¾" M/Sweat No Lead Brass Adapter	25	400	ea.	\$ 14.463
EX27128NL	1" PEX F1960 × 1" M/Sweat No Lead Brass Adapter	10	200	ea.	\$ 26.014
EX27135NL	1-¼" PEX F1960 × 1-¼" M/Sweat No Lead Brass Adapter	5	40	ea.	\$ 65.686
EX27141NL	1-½" PEX F1960 × 1-½" M/Sweat No Lead Brass Adapter	5	30	ea.	\$ 104.502
EX27154NL	2" PEX F1960 × 2" M/Sweat No Lead Brass Adapter	5	20	ea.	\$ 296.476

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



PEX F1960 × Female Sweat Adapters - **No Lead Brass** EX27200NL 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 [SUBEX27200NL](#).

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX27205NL	½" PEX F1960 × ½" F/Sweat No Lead Brass Adapter	25	700	ea.	\$ 6.763
EX27222NL	¾" PEX F1960 × ¾" F/Sweat No Lead Brass Adapter	25	400	ea.	\$ 15.063
EX27225NL	¾" PEX F1960 × ½" F/Sweat No Lead Brass Adapter	25	400	ea.	\$ 23.057
EX27228NL	1" PEX F1960 × 1" F/Sweat No Lead Brass Adapter	10	200	ea.	\$ 25.446
EX27235NL	1-¼" PEX F1960 × 1-¼" F/Sweat No Lead Brass Adapter	5	70	ea.	\$ 72.847
EX27241NL	1-½" PEX F1960 × 1-½" F/Sweat No Lead Brass Adapter	5	60	ea.	\$ 105.222
EX27254NL	2" PEX F1960 × 2" F/Sweat No Lead Brass Adapter	5	30	ea.	\$ 303.916

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



PEX F1960 × Groove Adapters - **No Lead Brass** EX27G00NL Series

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

For complete specifications, see submittal [SUBEX27G00NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX27G54NL	2" PEX F1960 × 2" IPS Roll Groove No Lead Brass Adapter	5	10	ea.	\$ 122.637

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



PEX F1960 × Copper Press Adapters - **No Lead Brass** EX27P00NL Series

Solid no lead brass PEX F1960 × copper press adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX27P00NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX27P05NL	½" PEX F1960 × ½" Copper Press Adapter	30	120	ea.	\$ 7.530
New!	EX27P22NL	¾" PEX F1960 × ¾" Copper Press Adapter	30	120	ea.	\$ 10.910
New!	EX27P28NL	1" PEX F1960 × 1" Copper Press Adapter	30	120	ea.	\$ 15.881
New!	EX27P35NL	1-¼" PEX F1960 × 1-¼" Copper Press Adapter	20	80	ea.	\$ 24.856
New!	EX27P41NL	1-½" PEX F1960 × 1-½" Copper Press Adapter	20	80	ea.	\$ 35.620
New!	EX27P54NL	2" PEX F1960 × 2" Copper Press Adapter	9	27	ea.	\$ 61.371

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



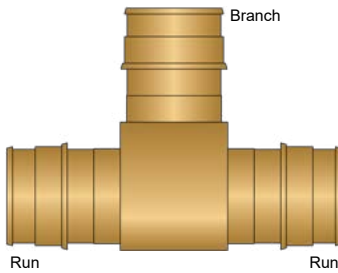
PEX F1960 × CPVC Adapters - **No Lead Brass** EX27V00NL Series

No lead brass PEX F1960 × CPVC (CTS) socket adapters. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX27V00NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX27V35NL	1-¼" PEX F1960 × 1-¼" CPVC Socket Adapter	10	60	ea.	\$ 76.638
New!	EX27V41NL	1-½" PEX F1960 × 1-½" CPVC Socket Adapter	10	40	ea.	\$ 89.087
New!	EX27V54NL	2" PEX F1960 × 2" CPVC Socket Adapter	8	32	ea.	\$ 133.308

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

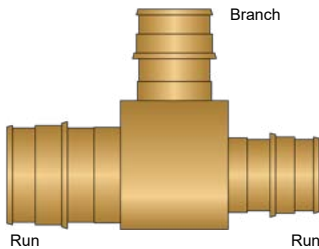


PEX F1960 Tees - **No Lead Brass** EX26000NL Series

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
WSL	EX26555NL	½" × ½" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 15.902
WSL	EX26222NL	¾" × ¾" × ¾" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 25.359
WSL	EX26888NL	1" × 1" × 1" PEX F1960 No Lead Brass Tee	10	100	ea.	\$ 40.198

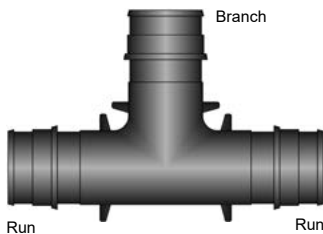


PEX F1960 Reducing Tees - **No Lead Brass** EX26000NL Series

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
WSL	EX26225NL	¾" × ¾" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 25.287
WSL	EX26252NL	¾" × ½" × ¾" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 27.189
WSL	EX26255NL	¾" × ½" × ½" PEX F1960 No Lead Brass Tee	25	250	ea.	\$ 27.532
WSL	EX26822NL	1" × ¾" × ¾" PEX F1960 No Lead Brass Tee	5	100	ea.	\$ 40.052
WSL	EX26882NL	1" × 1" × ¾" PEX F1960 No Lead Brass Tee	5	100	ea.	\$ 36.509
WSL	EX26885NL	1" × 1" × ½" PEX F1960 No Lead Brass Tee	10	100	ea.	\$ 36.089

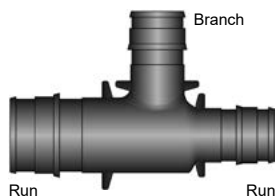


PEX F1960 Tees - **HPP** EX16000 Series

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
	EX16555	½" × ½" × ½" PEX F1960 HPP Tee	25	250	ea.	\$ 4.444
	EX16222	¾" × ¾" × ¾" PEX F1960 HPP Tee	25	100	ea.	\$ 8.349
	EX16888	1" × 1" × 1" PEX F1960 HPP Tee	10	60	ea.	\$ 15.603
	EX16333	1-¼" × 1-¼" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 28.184
	EX16444	1-½" × 1-½" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 41.542
	EX16666	2" × 2" × 2" PEX F1960 HPP Tee	1	50	ea.	\$ 96.177



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
EX16255	¾" × ½" × ½" PEX F1960 HPP Tee	25	200	ea.	\$ 5.669
EX16225	¾" × ¾" × ½" PEX F1960 HPP Tee	25	175	ea.	\$ 6.425
EX16228	¾" × ¾" × 1" PEX F1960 HPP Tee	10	80	ea.	\$ 20.936
EX16252	¾" × ½" × ¾" PEX F1960 HPP Tee	25	150	ea.	\$ 7.597
EX16552	½" × ½" × ¾" PEX F1960 HPP Tee	25	200	ea.	\$ 5.684
EX16822	1" × ¾" × ¾" PEX F1960 HPP Tee	5	75	ea.	\$ 15.292
EX16828	1" × ¾" × 1" PEX F1960 HPP Tee	5	60	ea.	\$ 16.915
EX16882	1" × 1" × ¾" PEX F1960 HPP Tee	5	75	ea.	\$ 15.199
EX16885	1" × 1" × ½" PEX F1960 HPP Tee	10	90	ea.	\$ 16.401
EX16332	1-¼" × 1-¼" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 25.972
EX16335	1-¼" × 1-¼" × ½" PEX F1960 HPP Tee	1	50	ea.	\$ 22.116
EX16338	1-¼" × 1-¼" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 27.413
EX16382	1-¼" × 1" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 22.110
EX16388	1-¼" × 1" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 25.793
EX16432	1-½" × 1-¼" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 35.503
EX16433	1-½" × 1-¼" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 39.017
EX16438	1-½" × 1-¼" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 36.470
EX16442	1-½" × 1-½" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 38.337
EX16443	1-½" × 1-½" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 37.297
EX16445	1-½" × 1-½" × ½" PEX F1960 HPP Tee	1	50	ea.	\$ 33.481
EX16448	1-½" × 1-½" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 35.312
EX16484	1-½" × 1" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 37.650
EX16488	1-½" × 1" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 33.278
EX16642	2" × 1-½" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 99.592
EX16643	2" × 1-½" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 102.218
EX16644	2" × 1-½" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 103.597
EX16646	2" × 1-½" × 2" PEX F1960 HPP Tee	1	50	ea.	\$ 82.387
EX16648	2" × 1-½" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 79.287
EX16662	2" × 2" × ¾" PEX F1960 HPP Tee	1	50	ea.	\$ 112.548
EX16663	2" × 2" × 1-¼" PEX F1960 HPP Tee	1	50	ea.	\$ 92.004
EX16664	2" × 2" × 1-½" PEX F1960 HPP Tee	1	50	ea.	\$ 84.683
EX16665	2" × 2" × ½" PEX F1960 HPP Tee	1	50	ea.	\$ 111.119
EX16668	2" × 2" × 1" PEX F1960 HPP Tee	1	50	ea.	\$ 83.203



Stub-out Elbow

Stk# EX28208NL

Copper stub-out elbow allows for 90° transitions between fixtures and wall cavities. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUB28208NL](#).

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
New!	EX28208NL	½" PEX F1960 × Closed, 3-½" × 8" Stub-out Elbow		50	ea.	\$ 16.464



Plated Straight Stop Valves - **No Lead Brass**

Stk# EX23505NLB & EX23905NLB

No lead brass 1/2" PEX × O.D. compression, nickel plated straight stop valves. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX23500NLB](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23505NLB	1/2" PEX F1960 × 3/8" O.D. No Lead Brass Plated Straight Ball Valve	20	240	ea.	\$ 9.140
EX23905NLB	1/2" PEX F1960 × 1/4" O.D. No Lead Straight Ball Valve	20	240	ea.	\$ 8.826



Plated Angle Stop Valves - **No Lead Brass**

Stk# EX23605NLB

No lead brass 1/2" PEX × O.D. compression, nickel plated angle stop valves. PEX-a expansion rings sold separately.

For complete specifications, see submittal [SUBEX23600NLB](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23605NLB	1/2" PEX F1960 × 3/8" O.D. No Lead Brass Plated Angle Ball Valve	20	240	ea.	\$ 9.604



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](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23305NL	1/2" PEX F1960 No Lead Brass Ball Valve, Full Port	10	120	ea.	\$ 14.663
EX23322NL	3/4" PEX F1960 No Lead Brass Ball Valve, Full Port	10	80	ea.	\$ 18.585
EX23328NL	1" PEX F1960 No Lead Brass Ball Valve, Full Port	6	48	ea.	\$ 29.245
EX23335NL	1-1/4" PEX F1960 No Lead Brass Ball Valve, Full Port	4	24	ea.	\$ 57.758
EX23341NL	1-1/2" PEX F1960 No Lead Brass Ball Valve, Full Port	2	16	ea.	\$ 69.368
EX23354NL	2" PEX F1960 No Lead Brass Ball Valve, Full Port	2	12	ea.	\$ 146.015



PEX F1960 Ball Valves with Butterfly Handle - **No Lead Brass** EX23300NL-BF Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23305NL-BF	½" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port	10	120	ea.	\$ 14.663
EX23322NL-BF	¾" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port	10	80	ea.	\$ 18.585
EX23328NL-BF	1" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port	6	48	ea.	\$ 29.245



PEX F1960 Ball Valves with Drain - **No Lead Brass** EX23300NL-D Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23305NL-D	½" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port	10	100	ea.	\$ 16.131
EX23322NL-D	¾" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port	10	100	ea.	\$ 20.634
EX23328NL-D	1" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port	5	50	ea.	\$ 32.469

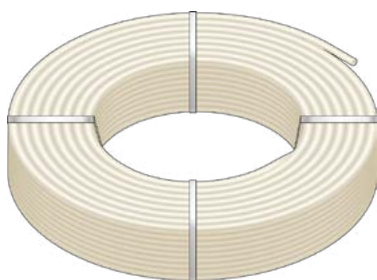


PEX F1960 × MNPT Ball Valves - **No Lead Brass** EX23800NL Series

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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX23822NL	¾" PEX F1960 × ¾" MNPT No Lead Brass Ball Valve	10	80	ea.	\$ 16.952



PEX-a Tubing Coils with O₂ Barrier 94000 Series

High molecular cross-linked polyethylene (PEX-a) with minimum bending radius of 6× the outside diameter @ 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
94205	½" 250ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	48	coil	\$ 208.00
94305	½" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	48	coil	\$ 249.60
94505	½" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	32	coil	\$ 416.00
94105	½" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 832.00
94019400	¾" 400ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	32	coil	\$ 555.60
94519	¾" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 694.50
94119	¾" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 1,389.00
94322	¾" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	\$ 573.60
94522	¾" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 956.00
94122	¾" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	\$ 1,912.00
94128	1" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	30	coil	\$ 373.00
94528	1" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	\$ 1,865.00
94135	1-¼" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	\$ 635.30
94335	1-¼" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	7	coil	\$ 1,905.90
94141	1-½" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	8	coil	\$ 953.00
94341	1-½" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	\$ 2,859.00
Summer 2026 94154	2" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	\$ 1,650.50
Summer 2026 94354	2" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	3	coil	\$ 4,951.50



Pre-insulated 100ft coils are available as a special order item. Minimum quantities and extended lead times apply. Contact us for more information.



PEX-a Tubing Straight Lengths with O₂ Barrier 94000 Series

High molecular cross-linked polyethylene (PEX-a) with minimum bending radius of 6× the outside diameter @ 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
	94222	¾" 10×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	\$ 382.40
	94228	1" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	\$ 373.00
	94235	1-¼" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	15	bundle	\$ 635.30
	94241	1-½" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	10	bundle	\$ 953.00
Summer 2026	94254	2" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	bundle	\$ 1,650.50

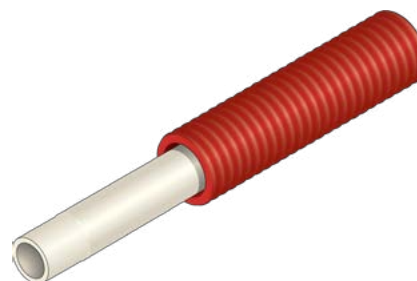
HeatLink® O₂ Barrier Pipe-in-Pipe 94000 Sheathed Series

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.

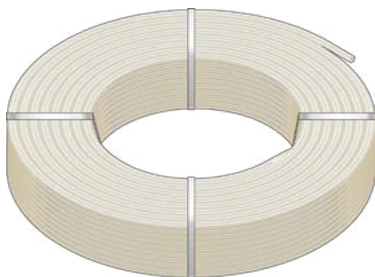
For complete specifications, see submittal [SUB94000rs](#).

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
Special Order*	94305rs	½" 300' O ₂ Barrier HeatLink® Pipe-in-Pipe Red Sheath	1	18	coil	\$ 492.00
Special Order*	94322rs	¾" 300' O ₂ Barrier HeatLink® Pipe-in-Pipe Red Sheath	1	9	coil	\$ 942.30



Non Barrier PEX-a Tubing Coils 20000 Series

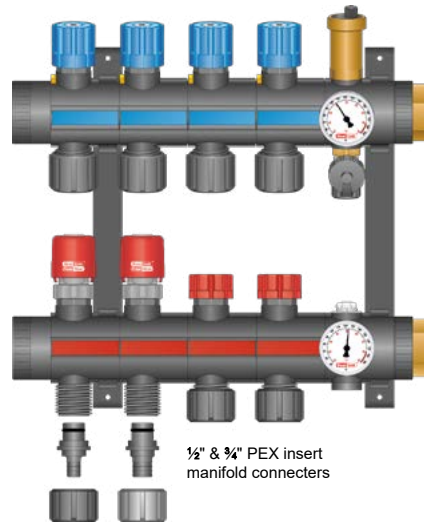
High molecular cross-linked polyethylene (PEX-a) with minimum bending radius of 6× the outside diameter @ 68°F (20°C). Maximum operating temperature: 180°F @ 100 PSI (82°C @ 690 kPa). Covered by a twenty-five year manufacturer's limited warranty.

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

Stk#	Description	Pkg Qty	Skid Qty	Unit	List Price / Unit
20305	½" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	48	coil	\$ 278.400
20505	½" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	32	coil	\$ 464.000
20905	½" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 928.000
20322	¾" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	20	coil	\$ 514.800
20522	¾" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	12	coil	\$ 858.000
20128	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	28	coil	\$ 286.200
20328	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing	1	11	coil	\$ 858.600

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 m³/h)
- Max. circuit flow rate:
2.5 US gpm (0.57 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.



(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	1× 79991	71743	72442
	10	10× 78400	2× 79991	71743	72442
	11	11× 78400	2× 79991	71743	72442
	12	12× 78400	2× 79991	n/a	72442
Actuator Selection					
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
79400	1" TwistSeal [®] (55mm) Deluxe Manifold Assembly Kit	1		ea.	\$ 541.15

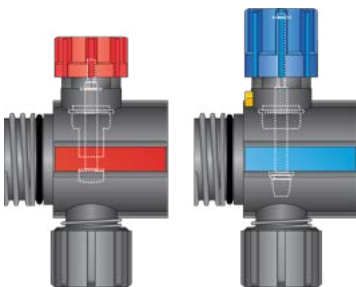


Mounting Bracket (55 mm) Stk# 79991

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
79991	TwistSeal [®] (55mm) Mounting Bracket	1		ea.	\$ 26.37



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 [SUB79400](#).

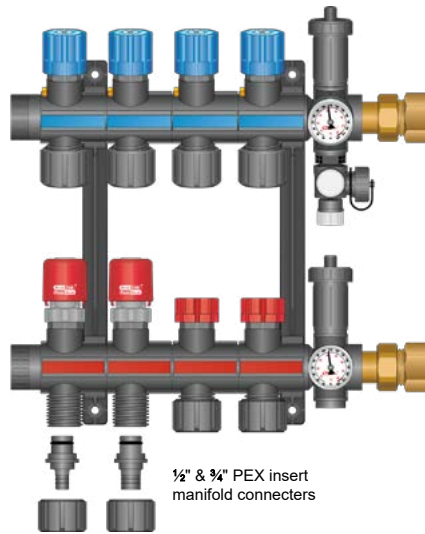
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
78400	TwistSeal [®] Deluxe (55mm) Z.V. Supply & Balancing Return Module Pair	1	10	pair	\$ 208.28

Features & Benefits :

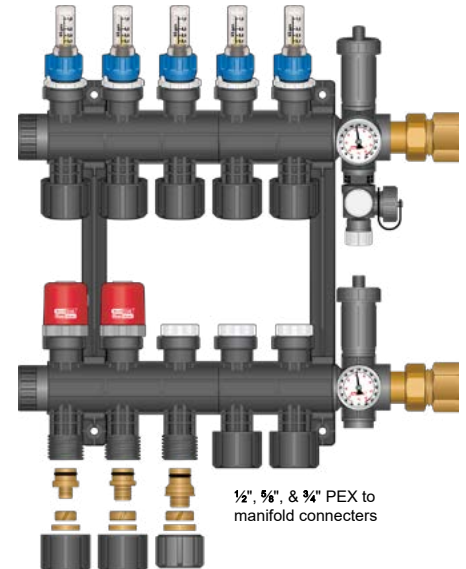
- Modular “tool-less” assembly.
- Multiple configurations ,all interchangeable; can be reconfigured on-site.
- Unlike a fixed loop manifold, loops can be added or removed as required.
- Stock is flexible, as there is no need to stock fixed-length manifolds. Minimal SKUs on the shelf.
- Maximum trunk 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)



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

78200 Module Specific Features:

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

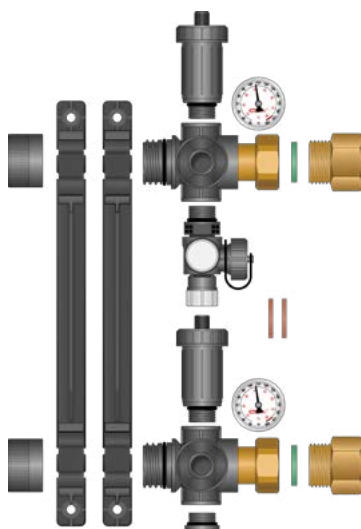
7830x Module Specific Features:

- 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 - 1/2" 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
79200	1" TwistSeal® Mini (40mm) Deluxe Manifold Assembly Kit	1		ea.	\$ 252.25

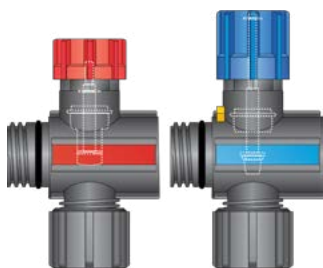


Mini Mounting Bracket (40 mm) Stk# 79892

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.

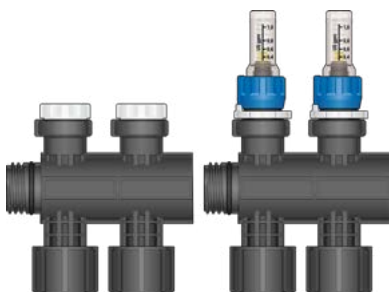
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
79892	TwistSeal® Multiport (40mm) Double Mounting Bracket	1	20	ea.	\$ 21.62


**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](#).

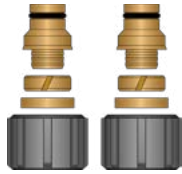
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
78200	TwistSeal® Mini Deluxe (40mm) Z.V. Supply & Balancing Return Module Pair	1	10	pair	\$ 184.58


**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
78302	TwistSeal® Mini (40mm) 2-port Z.V. Supply & Flow Meter Return Module Pair	1	6	pair	\$ 238.76
78303	TwistSeal® Mini (40mm) 3-port Z.V. Supply & Flow Meter Return Module Pair	1	4	pair	\$ 358.08



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
77005	1/2" PEX to TwistSeal® Manifold Connector	1	10	pair	\$ 24.11
77019	5/8" PEX to TwistSeal® Manifold Connector	1	10	pair	\$ 32.23
77022	3/4" PEX to TwistSeal® Manifold Connector c/w Nut	1		pair	\$ 55.28



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
23015	1/2" PEX Insert Manifold Connector	5		ea.	\$ 6.60
23032	3/4" PEX Insert Manifold Connector c/w Nut	5		ea.	\$ 8.82

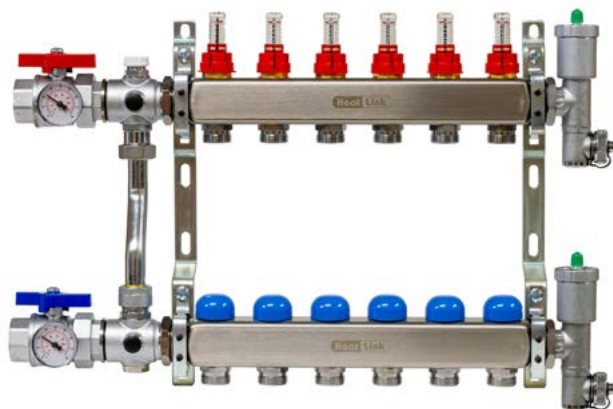
Heat Link[®] 1-1/4" Stainless Steel Manifolds

Common Features:

- Preassembled configurations from 2 to 12 loops.
- Integrated 1" FNPT isolation valves and hosebibs.
- Zone valve return with manual shut-off; accepts optional actuators.
- Maximum trunk flow rate: 18 US gpm (4.1 m³/h)
- 1/2", 5/8", and 3/4" PEX connectors available.

75100 Series

75106 - 6 loop model shown with pressure bypass valve kit and side mount auto air vent kit



Model Specific Features:

- Maximum circuit flow rate: 2 US gpm (0.45 m³/h)
- Balancing supply with 0-2 US gpm (0-7.5 L/min) flow meter.
- Maximum operating temperature: 160°F (71°C)
- Maximum operating pressure: 87 psi (6 bar)

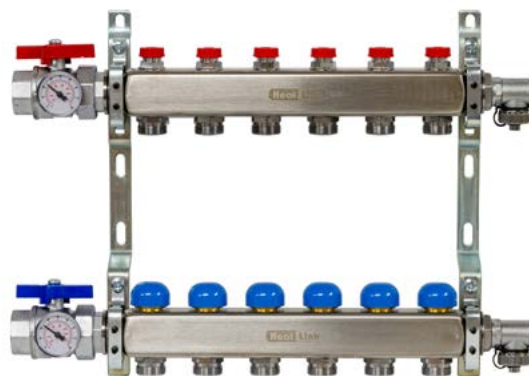
Typical Applications:

- 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

75200 Series

75206 - 6 loop model shown



Model Specific Features:

- Maximum circuit flow rate: 2.5 US gpm (0.57m³/h)
- Balancing supply.
- Maximum operating temperature: 185°F (85°C)
- Maximum operating pressure: 145 psi (10 bar)

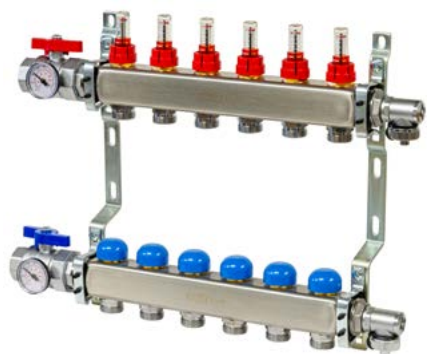
Typical Applications:

- Commercial.
- Snow melting.

PEX Size	PEX Connectors / Loop		Conduit Elbows / Loop for "Wet" Installation
	Compression	F1960 Expansion	
1/2"	77105	EX77305	2× 86005
5/8"	77119	EX77319	2× 86020
3/4"	77122	EX77322	2× 86022

Manifold Series	Actuator with LED	Actuator with End Switch	DDC Actuator
1-1/4" Stainless Steel (75100 or 75200 series)	56201	56231	56121

* Recommended housing based on 90° mains piping



1-1/4" Stainless Steel Manifolds with Flow Meters 75100 Series

The supply manifold comes with a 1" FNPT isolation valve, thermometer, hose bib/air vent, and lockable 0-2 US gpm (0-7.5 L/min; ±10% precision) visual flow meters.

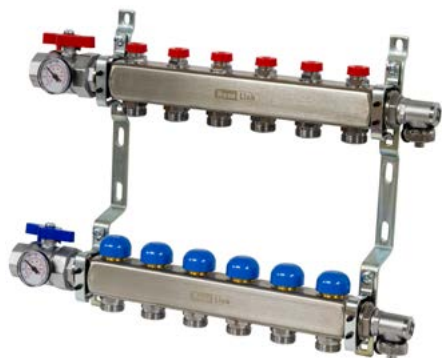
The return manifold comes with a 1" FNPT isolation valve, thermometer, hose bib/air vent, and shut-off valves that accept optional actuators.

Two metal mounting brackets are included.

PEX to manifold connectors are sold separately.

For complete specifications, see submittal [SUB75100](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
75102	2 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 566.05
75103	3 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 660.19
75104	4 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 811.08
75105	5 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 905.35
75106	6 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,018.62
75107	7 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,112.88
75108	8 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,263.84
75109	9 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,367.47
75110	10 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,471.44
75111	11 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,678.70
75112	12 Loop 1-1/4" SS Manifold with Flow Meters	1		ea.	\$ 1,886.40



1-1/4" High Flow Stainless Steel Manifolds 75200 Series

The supply manifold comes with a 1" FNPT isolation valve, thermometer, hose bib/air vent, and flow balancing valves.

The return manifold comes with a 1" FNPT isolation valve, thermometer, hose bib/air vent, and shut-off valves that accept optional actuators.

Two metal mounting brackets are included.

PEX to manifold connectors are sold separately.

For complete specifications, see submittal [SUB75200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
75202	2 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 544.73
75203	3 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 625.15
75204	4 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 763.28
75205	5 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 843.84
75206	6 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 943.63
75207	7 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,024.32
75208	8 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,162.36
75209	9 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,252.50
75210	10 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,342.84
75211	11 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,538.23
75212	12 Loop 1-1/4" High Flow SS Manifold	1		ea.	\$ 1,733.76



Port Caps for 1-1/4" Stainless Steel Manifolds Stk# 77100

Caps off unused ports on the 1-1/4" Stainless Steel Manifold (75100, 75200, 76100, and 76200 series). Includes fiber gasket.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
77100	Port Cap for 1-1/4" SS Manifold	1	10	pair	\$ 22.52



PEX Compression Connecters 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 (75100, 75200, 76100, and 76200 series). Comes with o-ring.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
77105	1/2" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 32.59
77119	5/8" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 39.06
77122	3/4" PEX to 1-1/4" SS Manifold Connector	1	10	pair	\$ 76.15



PEX F1960 Connecters for 1-1/4" Stainless Steel Manifolds EX77300 Series

Solid brass fitting is installed into the bottom of the manifold (75100, 75200, 76100, and 76200 series) and is held in place by the nut. The tubing and ring is then expanded and placed over the F1960 insert. Comes with o-ring. PEX-a expansion rings sold separately ([page 31](#)). *Not for potable water use.*

For complete specifications, see submittal [SUBEX77300](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX77305	1/2" PEX F1960 to 1-1/4" SS Manifold Connector	1	10	pair	\$ 37.74
EX77319	5/8" PEX F1960 to 1-1/4" SS Manifold Connector	1	10	pair	\$ 42.26
EX77322	3/4" PEX F1960 to 1-1/4" SS Manifold Connector	1	10	pair	\$ 49.01



Side Mount Automatic Air Vent Kit for 1-1/4" SS Manifold Stk# 76944

Used to add automatic air vents to 1-1/4" stainless steel manifolds (75100 and 75200 series) without taking up a loop. Each kit contains a pair of side mount tees, automatic air vents, and hose bibs.

For complete specifications, see submittal [SUB76944](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76944	Side Mount Automatic Air Vent Kit for 1-1/4" SS Manifold	1	10	ea.	\$ 198.05



Pressure Bypass Kit for 1-1/4" SS Manifold Stk# 76945

This differential bypass kit for the 1-1/4" SS manifold (75100 and 75200 series) reduces overpressure in the supply manifold by an automatic check valve that opens and directs some flow to the return manifold. This kit can be installed on either side of the manifold.

For complete specifications, see submittal [SUB76945](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76945	Pressure Bypass Kit for 1-1/4" SS Manifold	1	5	ea.	\$ 196.28



Coupling Kit for 1-1/4" SS Manifold Stk# 76946

Used to couple together 1-1/4" stainless steel manifolds (75100 and 75200 series). Each kit contains a pair of couplings.

For complete specifications, see submittal [SUB76946](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76946	Coupling Kit for 1-1/4" SS Manifold	1		ea.	\$ 89.50



Elbow Kit for 1-1/4" SS Manifold Stk# 76947

Used to insert a 90 degree turn between the ball valve and manifold body of 1-1/4" stainless steel manifolds (75100 and 75200 series). Each kit contains a pair of elbows and gaskets.

For complete specifications, see submittal [SUB76947](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76947	Elbow Kit for 1-1/4" SS Manifold	1	10	ea.	\$ 160.37



Insulation Kits for 1-1/4" SS Manifold Stk# 76948 and 76949

These pre-formed insulating shells are used to resist heat loss or gain by the distribution manifolds (75100 and 75200 series).

For complete specifications, see submittal [SUB76948](#) and [SUB76949](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76948	Insulation Kit for 1-1/4" SS Manifold, 12 Ports	1	10	ea.	\$ 104.36
76949	Insulation Kit for 1-1/4" SS Manifold Ball Valve	1	10	ea.	\$ 33.85

Features:

- Preassembled configurations from 6 to 12 loops
- Ball valve isolation for each supply loop.
- 0-8 US gpm (0-30 L/min) flow meters for each return loop.
- 1-1/2" MNPT union open end adapters.
- Maximum trunk flow rate: 50 US gpm (11.4 m³/h).
- Branch pair Cv = 5.5 (Kv = 4.8).

Typical Applications:

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



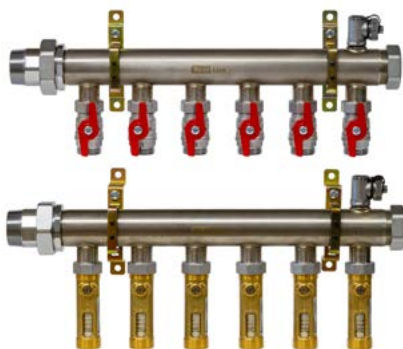
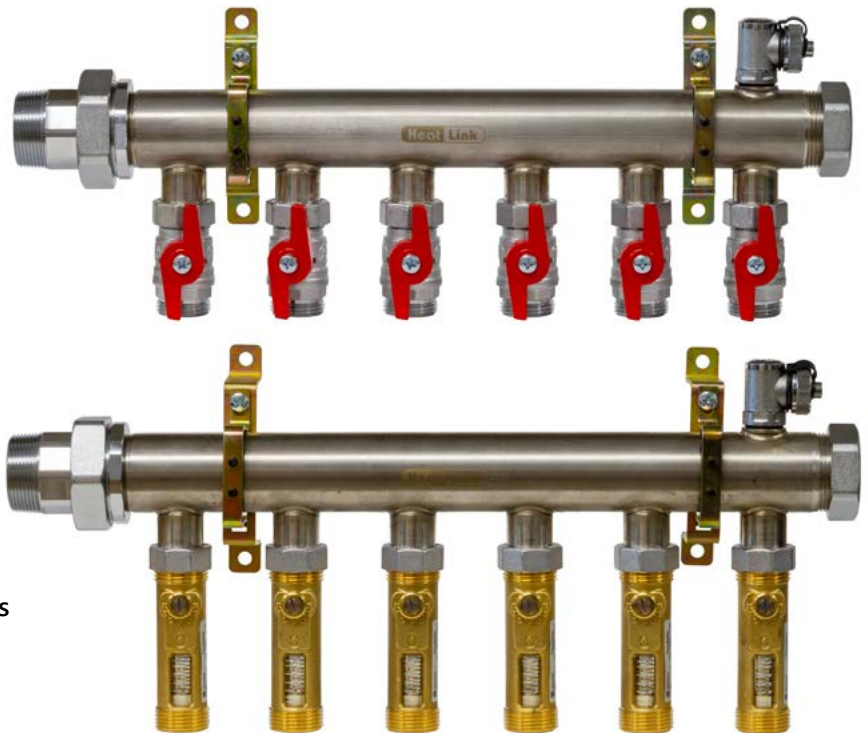
PEX compression connectors

- 5/8" and 3/4" PEX sizes
- sold in pairs



PEX F1960 connectors

- 5/8", 3/4", and 1" PEX sizes
- sold in pairs
- PEX-a expansion rings sold separately



1-1/2" Stainless Steel Manifolds 76700 Series

Stainless steel manifold with high flow characteristics for use as a distribution header or snow melt manifold. Comes with two open end manifold unions with gaskets and o-rings, two closed end caps with gaskets, two 1-1/2" manifold bodies, 3/4" full port ball valve with gasket for each supply branch, 0-8 US gpm (0-30 L/min) flow meter with gasket for each return branch, two hose bib/air vents, and two low and two high metal mounting brackets.

PEX connectors and port caps sold separately.

For complete specifications, see submittal [SUB76700](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76706	6 Loop 1-1/2" SS Manifold with Flow Meters	1		ea.	\$ 2,411.03
76708	8 Loop 1-1/2" SS Manifold with Flow Meters	1		ea.	\$ 2,877.59
76710	10 Loop 1-1/2" SS Manifold with Flow Meters	1		ea.	\$ 3,350.49
76712	12 Loop 1-1/2" SS Manifold with Flow Meters	1		ea.	\$ 3,911.30



PEX Compression Connectors for 1-1/2" Stainless Steel Manifolds 77500 Series

Solid brass fitting attaches to the end of the PEX tubing and allows for easy installation onto the bottom of the 1-1/2" SS manifold (76700 series). Comes with o-ring.

For complete specifications, see submittal [SUB77500](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
77519	5/8" PEX to 1-1/2" SS Manifold Connector	1	10	pair	\$ 64.00
77522	3/4" PEX to 1-1/2" SS Manifold Connector	1	10	pair	\$ 64.19



PEX F1960 Connectors for 1-1/2" Stainless Steel Manifolds EX77400 Series

Solid brass fitting is installed into the bottom of the 1-1/2" SS manifold (76700 series) and is held in place by the nut. The tubing and ring is then expanded and placed over the F1960 insert. Comes with o-ring. PEX-a expansion rings sold separately ([page 31](#)). *Not for potable water use.*

For complete specifications, see submittal [SUBEX77400](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX77419	5/8" PEX F1960 to 1-1/2" SS Manifold Connector	1	10	pair	\$ 58.94
EX77422	3/4" PEX F1960 to 1-1/2" SS Manifold Connector	1	10	pair	\$ 62.70
EX77428	1" PEX F1960 to 1-1/2" SS Manifold Connector	1	10	pair	\$ 69.05



Coupling Kit for 1-1/2" SS Manifold Stk# 76964

Used to couple together 1-1/2" stainless steel manifolds (76700 series). Each kit contains a pair of three brass pieces with a rubber flat gasket. Loctite 55 pipe sealing cord is recommended for thread sealing (not included).

For complete specifications, see submittal SUB76964.

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76964	Coupling Kit for 1-1/2" SS Manifold	1		ea.	\$ 305.58



Loctite 55

Stk# 76601

Loctite 55 pipe sealing cord recommended for sealing threads on 1-½" SS Manifold Couplings. 5,700 inches (145m) for 60 applications (2" pipe).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76601	Loctite 55	1		ea.	\$ 151.79



1" Cap and Washer for 1-½" Stainless Steel Manifold

Stk# 76675

Cap to seal 1-½" SS manifold (76700 series) outlet.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
76675	1" Cap and Washer for 1-½" and 2" SS Manifold	1		pair	\$ 46.41



Metal Automatic Air Vent

Stk# 79932

Add an automatic air vent to the 1-½" SS manifold (76700 series) by replacing a hose bib. Comes with o-ring.

For complete specifications, see submittal [SUB79932](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
79932	Metal Automatic Air Vent	1		ea.	\$ 83.10



PEX-a Expansion Rings with Stop

EX24200 Series

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

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

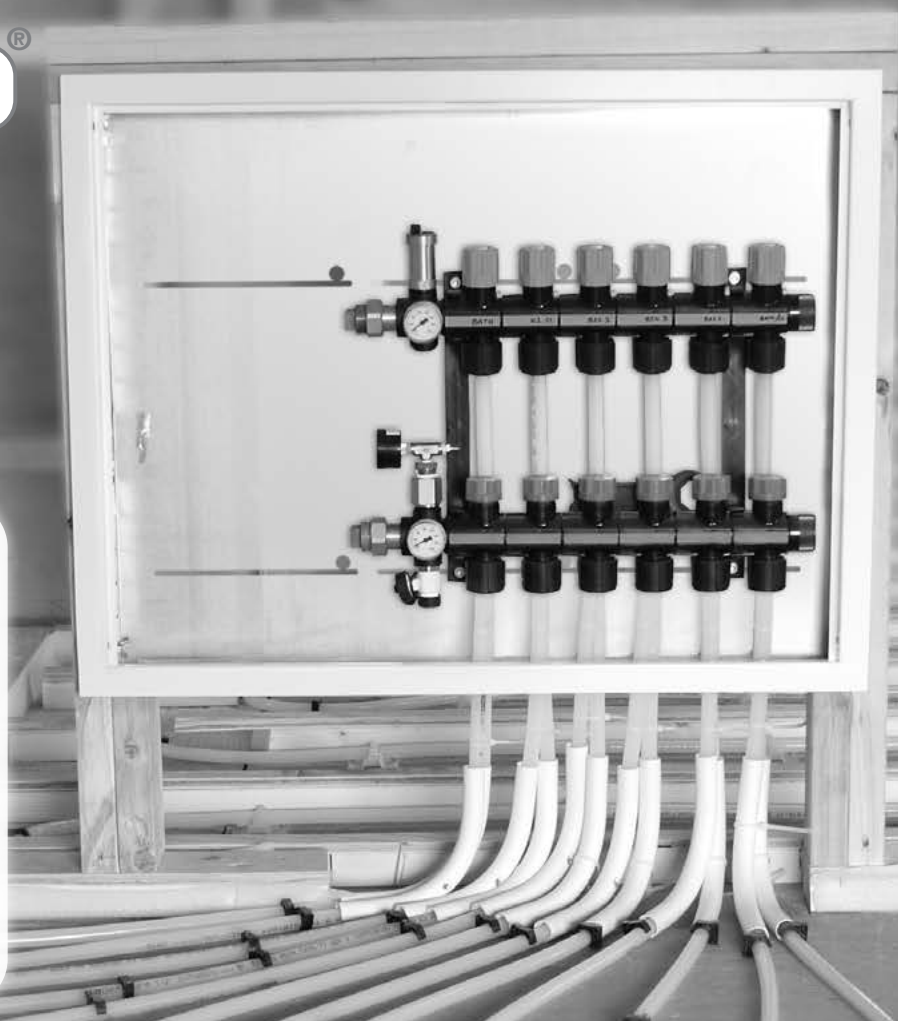
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
EX24205	½" PEX F1960 Expansion Ring	100	1000	ea.	\$ 0.648
EX24219	¾" PEX F1960 Expansion Ring	50	750	ea.	\$ 0.991
EX24222	¾" PEX F1960 Expansion Ring	50	500	ea.	\$ 0.918
EX24228	1" PEX F1960 Expansion Ring	50	250	ea.	\$ 2.748



Manifold Housings

Features & Benefits

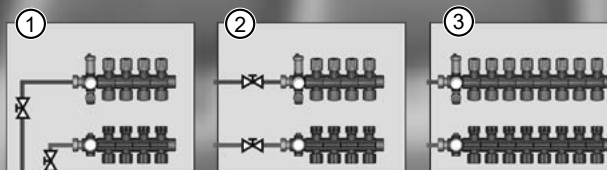
- ✓ allows easy access to manifold
- ✓ visible parts made of satin coated steel and are ready to paint without priming
- ✓ cover enables a structural flush seal
- ✓ locking, removable (lift off) door
- ✓ stylish ventilation apertures to prevent build up of heat and formation of condensation
- ✓ openings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



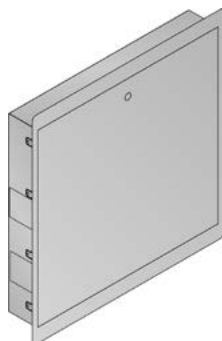
Stk. #	Width	Height	Depth	Max # of Loops with Manifold Assembly Kit #:		Max # of 1-¼" SS Manifold Loops		Max # of 1-½" SS Manifold Loops		
				79400*	79200					
Surface Mount				①	①	①		①		
72434	34-½" (876 mm)	28-½" (724 mm)	5-⅞" (149 mm)	8	8	9		7		
72442	42-½" (1080 mm)	28-½" (724 mm)	5-⅞" (149 mm)	12	12	12		10		
72446	46-½" (1180 mm)	28-½" (724 mm)	5-⅞" (149 mm)	—	—	—		11		
72469	69" (1753 mm)	28-½" (724 mm)	5-⅞" (149 mm)	—	—	—		18		
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)	—	—	—		—		
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	—
71730	30-¼" (768 mm)	23" (584 mm)	3-⅞" (98 mm)	6	9	7	10	6	10	—
71743	43-½" (1105 mm)	23" (584 mm)	3-⅞" (98 mm)	11	12	12	12	12	12	—

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 2×4 wall. Space is available for mounting a StatLink® module above the manifold.

71700 series housings are not compatible with 1-½" (76700 series) Stainless Steel Manifolds.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
71724	Recessed Manifold Housing 24"×23"×3-7/8"	1		ea.	\$ 565.36
71730	Recessed Manifold Housing 30"×23"×3-7/8"	1		ea.	\$ 625.15
71743	Recessed Manifold Housing 43-½"×23"×3-7/8"	1		ea.	\$ 727.88



Manifold Housing: Recessed 72500 Series

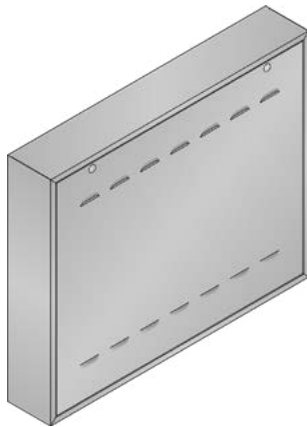
Allows easy access to the manifold through its locking, removable door.

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 2×6 wall. Space is available for mounting a StatLink® module above the manifold.

72500 series housings are compatible with 1-½" (76700 series) Stainless Steel Manifolds.

For complete specifications, see submittal [SUB72500](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
72534	Recessed Manifold Housing 34-½"×28-½"×5-7/8"	1		ea.	\$ 1,392.17
72542	Recessed Manifold Housing 42-½"×28-½"×5-7/8"	1		ea.	\$ 1,443.77
72546	Recessed Manifold Housing 46-½"×28-½"×5-7/8"	1		ea.	\$ 1,535.62



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.

72400 series housings are compatible with 1-1/2" (76700 series) Stainless Steel Manifolds

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

**Special
Order***

**Special
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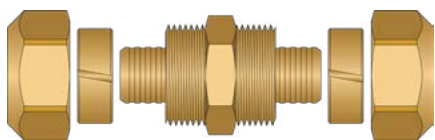
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
72434	Surface Mounted Manifold Housing 34-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 922.49
72442	Surface Mounted Manifold Housing 42-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 1,050.19
72446	Surface Mounted Manifold Housing 46-1/2"x28-1/2"x5-7/8"	1		ea.	\$ 1,190.81
72469	Surface Mounted Manifold Housing 69"x28-1/2"x5-7/8"	1		ea.	\$ 1,899.77
72481	Surface Mounted Manifold Housing 85"x28-1/2"x5-7/8"	1		ea.	\$ 2,153.61
72493	Surface Mounted Manifold Housing 93"x28-1/2"x5-7/8"	1		ea.	\$ 2,452.64



Key Lock for Manifold Housing Door Stk# 71901

Key lock with offset lever that can field replace the standard coin/screwdriver lock of manifold housings (72400 or 72500 Series).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
71901	Key Lock for Manifold Housing Door	1		ea.	\$ 44.48

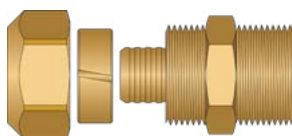


PEX Tubing Compression Couplings 69000 Series

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
69005	1/2" x 1/2" PEX Comp. Coupling	1	25	ea.	\$ 47.10
69019	5/8" x 5/8" PEX Comp. Coupling	1	25	ea.	\$ 47.10
69022	3/4" x 3/4" PEX Comp. Coupling	1	25	ea.	\$ 67.39



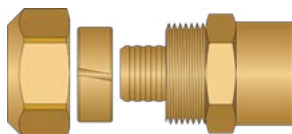
PEX Compression to MNPT Adapters 68000 Series

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
68019	5/8" PEX Comp. x 3/4" MNPT Adapter	1	25	ea.	\$ 28.22

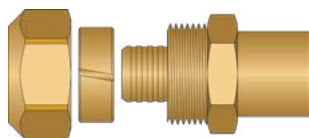


PEX Compression to Female Sweat Adapters 67100 Series

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
67119	5/8" PEX Comp. x 3/4" F/Sweat Adapter	1	25	ea.	\$ 30.51



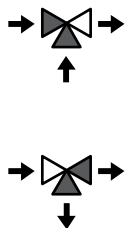
PEX Compression to Male Sweat Adapters 67000 Series

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
67019	5/8" PEX Comp. x 3/4" M/Sweat Adapter	1	25	ea.	\$ 29.81

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 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 69](#)) and thermostatic heads (#57094).

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
WSL	63720V	¾" Compact 3-Way Mixing Valve	1		ea.	\$ 484.38
WSL	63725V	1" Compact 3-Way Mixing Valve	1		ea.	\$ 614.44



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 69](#)), and thermostatic head (#57094).

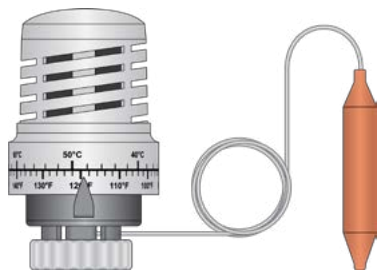
#62016V – ½" Cv = 2.1 (Kv = 1.8)

#62020V – ¾" Cv = 3.2 (Kv = 2.8)

#62025V – 1" Cv = 4.1 (Kv = 3.5)

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

	Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
	62016V	Straight Zone Valve ½" NPT	1		ea.	\$ 114.53
	62020V	Straight Zone Valve ¾" NPT	1		ea.	\$ 147.27
	62025V	Straight Zone Valve 1" NPT	1		ea.	\$ 184.52



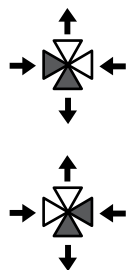
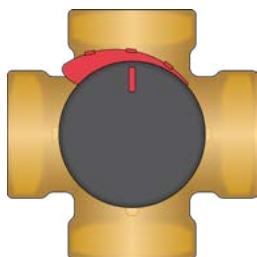
Thermostatic Head c/w Capillary Stk# 57094

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
	57094	Thermostatic Head c/w Capillary (68°F-158°F)	1	5	ea.	\$ 355.42



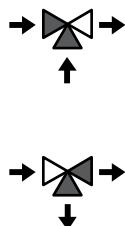
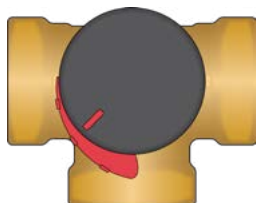
4-Way FNPT Mixing Valves 64000 Series

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)
1-1/4" Cv = 18.7 (Kvs = 16)
1-1/2" 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
64026	1" × 4-Way FNPT Mixing Valve	1		ea.	\$ 557.55
64031	1-1/4" × 4-Way FNPT Mixing Valve	1		ea.	\$ 598.38
64041	1-1/2" × 4-Way FNPT Mixing Valve	1		ea.	\$ 856.83
64051	2" × 4-Way FNPT Mixing Valve	1		ea.	\$ 1,205.20



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.

3/4" Cv = 4.7 or 7.3 (Kvs =)
1" Cv = 11.7 (Kvs = 10)
1-1/4" Cv = 18.7 (Kvs = 16)
1-1/2" 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
63022	3/4" × 3-Way FNPT Mixing / Diverting Valve, Cv 4.7	1		ea.	\$ 443.17
63023	3/4" × 3-Way FNPT Mixing / Diverting Valve, Cv 7.3	1		ea.	\$ 419.00
63026	1" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 482.29
63539	1-1/4" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 519.60
63541	1-1/2" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 764.69
63551	2" × 3-Way FNPT Mixing / Diverting Valve	1		ea.	\$ 920.22



Mixing Valve Motors for ¾" 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 (#63022, #63023, #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
58131	Mixing Valve Motor for ¾" to 2" FNPT Valves 3-Point Floating	1		ea.	\$ 810.81
58132	Mixing Valve Motor for ¾" to 2" FNPT Valves DDC	1		ea.	\$ 1,159.74



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

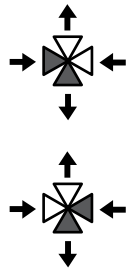
Used to automatically operate the 4-way flange mixing valve. For use with flanged 2" to 4" mixing valves (#64164, #64166, #64181, #65000).

#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
Special Order*	58200	Mixing Valve Motor for 2" to 4" Flange Mixing Valves 3-Point Floating	1		ea.	\$ 1,392.35
Special Order*	58300	Mixing Valve Motor for 2" to 4" Flange Mixing Valves DDC	1		ea.	\$ 2,480.41



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)

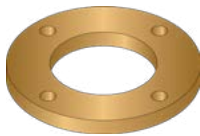
2-½" Cv = 104.0 (Kvs = 90)

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
WSL	64164	2" × 4-Way Flange Mixing Valve	1		ea.	\$ 2,031.68
WSL	65000	4" × 4-Way Flange Mixing Valve	1		ea.	\$ 3,812.12

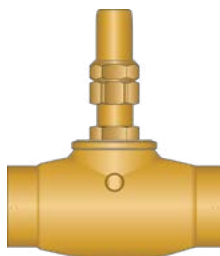


DIN Flanges and Gaskets for 4-Way Flange Mixing Valves 64100F & 64100G Series

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
WSL	64164F	2" DIN Flange	1		ea.	\$ 85.68
WSL	65000F	4" DIN Flange	1		ea.	\$ 197.65
WSL	64164G	2" Gasket for DIN Flange	1		ea.	\$ 26.91
WSL	65000G	4" Gasket for DIN Flange	1		ea.	\$ 73.95



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
62325	Straight Balancing Valve 1" F/Sweat	1	24	ea.	\$ 167.58



Pressure Activated Bypass Valves

60000V Series

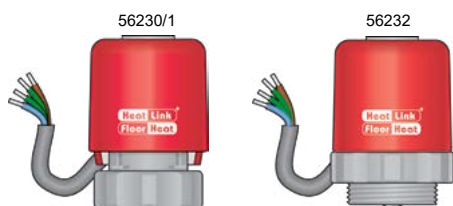
This valve prevents a steep rise of the pump head and maintains flow at a stable rate. Also ensures only required amount of circulating water is used for hydronic systems. The valves can be adjusted to any point between 2 and 17 ft H₂O (50 and 500 mbar).

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
60020V	Pressure Activated Bypass Valve ¾"	1		ea.	\$ 251.60
60025V	Pressure Activated Bypass Valve 1"	1		ea.	\$ 373.28
60040V	Pressure Activated Bypass Valve 1-¼"	1		ea.	\$ 428.33

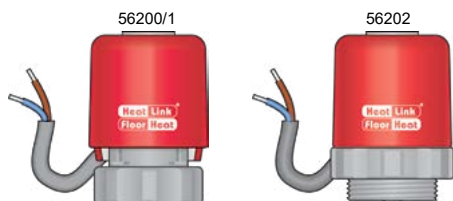


Actuators c/w End Switch 56230 Series

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
56230	HeatLink® TwistSeal® Manifold Actuator c/w End Switch	1	100	ea.	\$ 179.80
56231	HeatLink® Valve & SS Manifold Actuator c/w End Switch	1	100	ea.	\$ 146.89
56232	HeatLink® Multiport Manifold Actuator c/w End Switch	1	100	ea.	\$ 183.03



Actuators 56200 Series

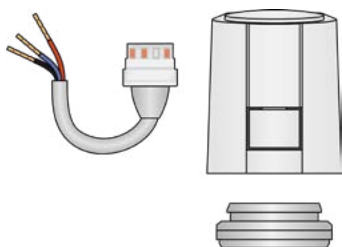
These actuators allow for additional room temperature control in conjunction with a room thermostat by mounting on a TwistSeal® supply manifold module (56200), Stainless Steel Manifold (56201), HeatLink® 62000V & 63700V series zone valves (56201), or TwistSeal® Multiport Manifold (56202). Includes a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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
56200	HeatLink® TwistSeal® Manifold Actuator with LED	1	100	ea.	\$ 118.48
56201	HeatLink® Valve & SS Manifold Actuator with LED	1	100	ea.	\$ 102.81
56202	HeatLink® Multiport Manifold Actuator with LED	1	100	ea.	\$ 113.65

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



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
56121	HeatLink® DDC Actuator for Manifolds and Valves	1	100	ea.	\$ 270.90

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:

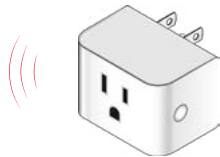
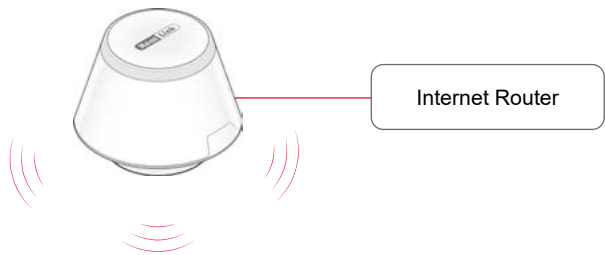
- Wireless communication. Save the time and cost of running wires.
- Control your system from anywhere. User friendly Web, Android and iOS apps available.
- The app includes customizable schedules and rules.
- System devices can be added, deleted, or configured quickly and easily using the app.
- Compatibility 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

Wireless Internet Gateway
#43301

The heart of a HeatLink Smart System.



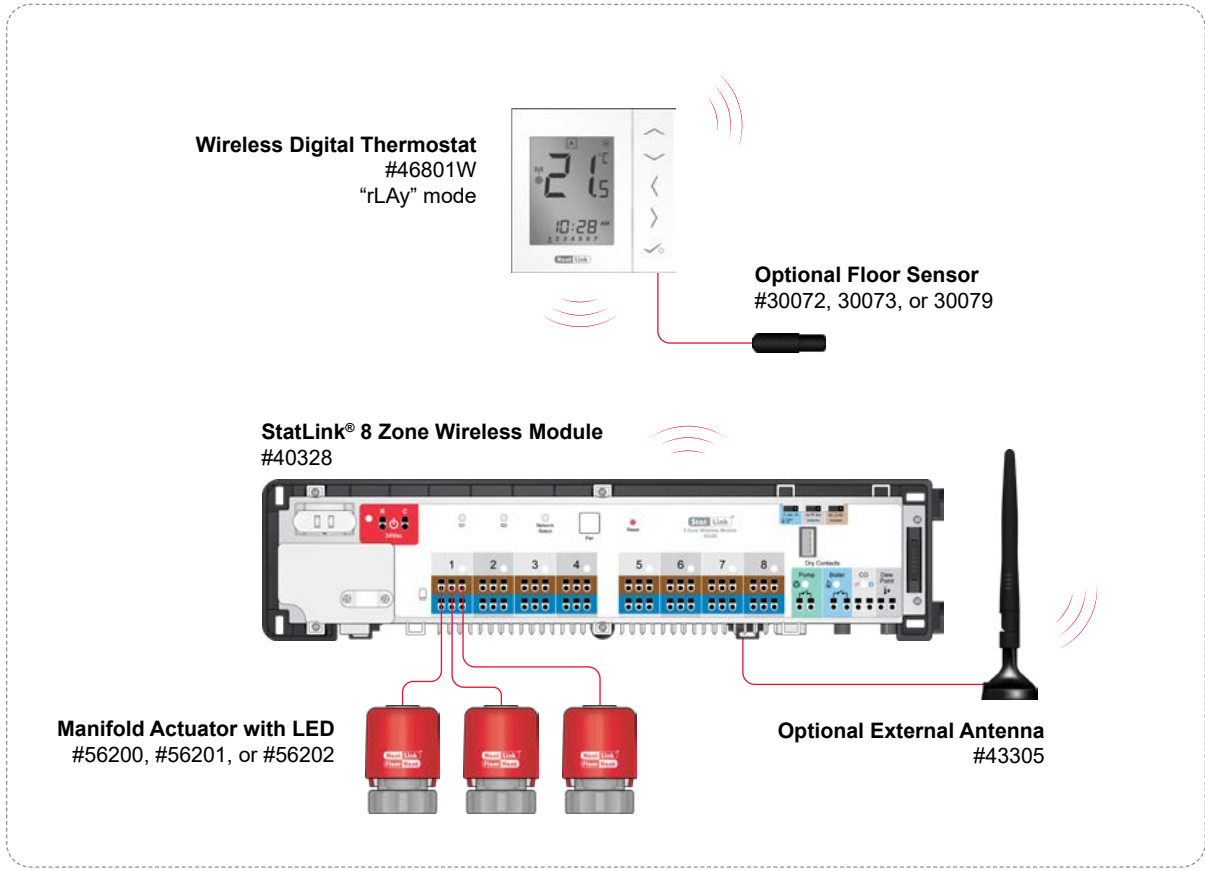
Wireless Smart Plug / Repeater
#43304

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.

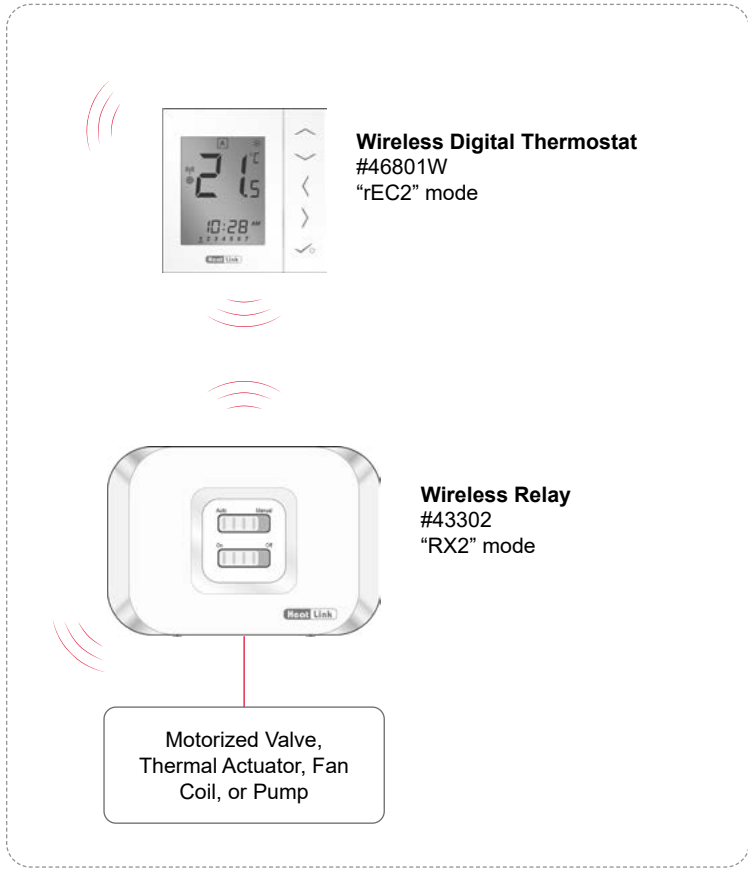
Radiant floor heating with manifold



Radiant floor heating with zone valve or
baseboard / radiator heating

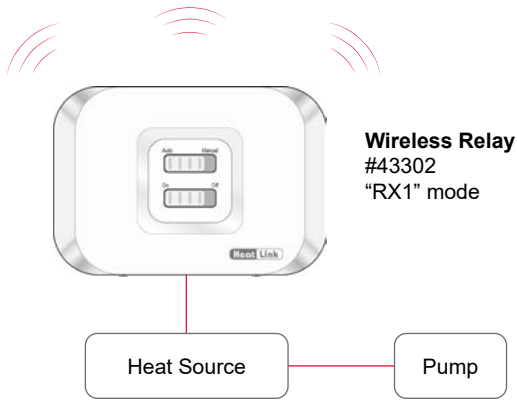


Heating for an individual zone



Product Compatibility

Item	Stk#	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		•
Water Leak Sensor	43310		•
Inline Shutoff Valve	43311		•





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
43301	Wireless Internet Gateway	1	16	ea.	\$ 394.15



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
46801W	HeatLink® Wireless Digital Thermostat	1	40	ea.	\$ 175.91

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
40328	StatLink® 8 Zone Wireless Module	1	16	ea.	\$ 447.07

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
56401	Wireless Valve Actuator	1	40	ea.	\$ 282.61



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
43302	Wireless Relay	1	20	ea.	\$ 193.84



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
43304	Wireless Smart Plug / Repeater	1	48	ea.	\$ 178.91



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](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
43303	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
43305	External Antenna	1	100	ea.	\$ 107.32



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
43310	Water Leak Sensor	1		ea.	\$ 180.45



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
43311	Inline Shutoff Valve	1		ea.	\$ 611.41



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](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
43306	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](#).

WSL

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
43307	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
PLINTR40VA	24Vac 40VA Plug-In Transformer for Panels	1		ea.	\$ 187.95

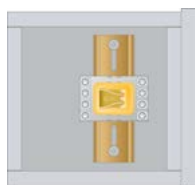


HeatLink® Wired Digital Timer Thermostat Stk# 46645

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
46645	HeatLink® Wired Digital Timer Thermostat	1	40	ea.	\$ 150.84



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
45112	HeatLink® 24Vac DPDT Pump Relay Box	1		ea.	\$ 268.78

Pump Wiring Center 4130 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
41316	6 Zone Pump Wiring Center	1	4	ea.	\$ 667.44



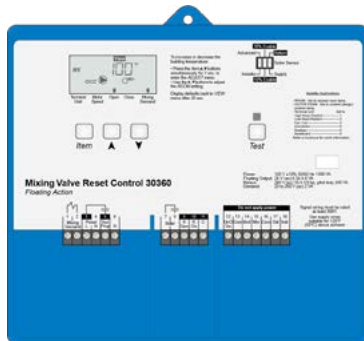
StatLink[®] 4 Zone Module
Stk# 40414

The HeatLink[®] StatLink 40414 4 Zone Module is designed for use with HeatLink 46645 3-wire thermostats to control up to 4 zones, with up to 3 HeatLink actuators connected to each zone terminal. Each zone controls the associated actuator output terminal.

Jumpers can be used to extend the number of actuators per zone. The module comes with a factory installed fuse for protection. The end switch circuit from the actuators output terminals is ganged though the controller for easy wiring. 24V power from an external transformer of adequate VA is required.

The module can be mounted to a DIN rail or directly to a wall.
For complete specifications, see submittal [SUB40414](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
40414	StatLink [®] 4 Zone Module	1		ea.	\$ 186.88



Indoor/Outdoor Mixing Valve Reset Control Stk# 30360

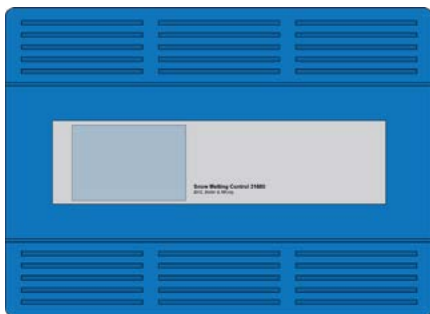
The 30360 mixing control is designed to operate a mixing valve using outdoor temperature reset. It can be used in applications ranging from radiant floor heating to commercial baseboard systems for boiler protection with full reset. This control regulates a single heating water temperature through outdoor temperature reset. It controls the mixing by opening or closing a floating type mixing valve actuator (3 or 4 way valves), and also provides control of the mix system pump.

Outdoor sensor and 2 universal sensors are included.

120 Vac 60 Hz 1300 VA

For complete specifications, see submittal [SUB30360](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
30360	Indoor/Outdoor Mixing Valve Reset Control	1		ea.	\$ 2,450.68



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
31680	Snow Melt Control 680-BMS BACnet (30090,30091,Snow/Ice Sensor sold sep)	1		ea.	\$ 9,060.21



Snow Melt Control Stk# 30654

The 30654 Snow Melt Control is designed to control a single zone snow melting system. Using a Snow/Ice Sensor (#30090; sold separately) the control automatically adjusts the mixed supply water to the snow melting system by controlling a variable speed injection pump or mixing valve. The 30654 control includes a large Liquid Crystal Display (LCD) in order to view system status and operating information.

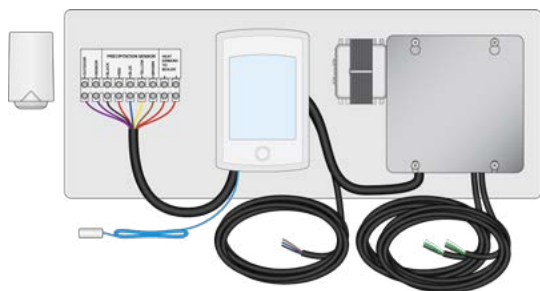
Outdoor sensor and 1 universal sensor are included.

24 Vac 60 Hz 100 VA (max)

For complete specifications, see submittal [SUB30654](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
30654	Snow Melt Control	1		ea.	\$ 2,334.36

Snow Melt Control Package - 30654 Stk# SMCP-654



The SMCP-654 Snow Melt Control Package is designed to control a single zone snow melting system. It includes the 30654 snow melt control and electrical components for a hydronic mixing system.

The SMCP-654PWM version adds wiring connections on the terminal strip for a modulating boiler.

A 40VA 24 Vac transformer is pre-wired provides low voltage power.

An SPDT relay is pre-wired for auxiliary contacts / boiler demand.

A DPDT relay is pre-wired for primary and secondary pumps.

Outdoor sensor and 1 universal sensor are included.

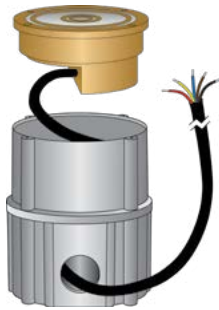
DDC actuator (#56121) or mixing valve motor (#58132 or #58300) sold separately.

Snow/Ice Detector (Sensor; #30090) sold separately.

120 Vac 50/60 Hz

For complete specifications, see submittal [SUBSMCP-654](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
SMCP-654	Snow Melt Control Package	1		ea.	\$ 3,045.10
SMCP-654PWM	Snow Melt Control Package - 30654 Pulse Width Modulation	1		ea.	\$ 3,045.10



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

This snow/ice sensor in conjunction with a compatible snow melt control, 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 #30654 Snow Melt Control or # 31680 Snow Melt Control 680-BMS BACnet. For complete specifications, see submittal [SUB30090](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
30090	Snow/Ice Sensor (10K) 65 ft cable	1		ea.	\$ 2,082.61
30091	Snow/Ice Sensor Socket	1		ea.	\$ 473.31



Aerial Mounted Snow Sensor Stk# 30095

This aerial mounted snow sensor in conjunction with a compatible snow melt control, activates a snow melting system based on moisture (snow). It mounts to a nominal 1/2" (16 mm) metal or PVC conduit or pole. For use with #30654 Snow Melt Control or # 31680 Snow Melt Control 680-BMS BACnet. For complete specifications, see submittal [SUB30095](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
30095	Aerial Mounted Snow Sensor	1		ea.	\$ 486.88



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
30071	Universal Sensor (10K)	1		ea.	\$ 83.21



Slab Sensor Stk# 30072, 30073, 30079

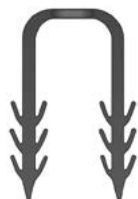
Sensors for use in measuring slab or ground temperatures. For use with 30000 series controls and 46000 series thermostats.

The 30072 and 30073 standard sensors with PVC sleeve are designed for use in soil or concrete.

The 30079 sensor with stainless steel sleeve is designed for use in concrete, thin-set and grout.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
30072	Slab Sensor (10K) PVC Sleeve 20ft Cable	1		ea.	\$ 280.34
30073	Slab Sensor (10K) PVC Sleeve 40ft Cable	1		ea.	\$ 476.23
30079	Slab Sensor (10K) SS Sleeve 10ft Cable	1		ea.	\$ 100.65



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
89010	500 Track Staples	1	20	bag	\$ 193.25



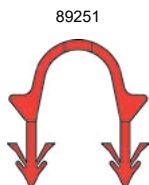
Staples for Stand-up Stapler (old style)

89240 Series

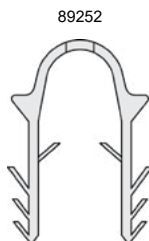
Staples for fastening up to 1/2" (or 18mm O.D.) PEX tubing to polystyrene insulation. For use with Stand-up Stapler #10220 (discontinued) or HeatLink® Deluxe Staple Gun #10230 ([page 128](#)).

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
89244	300× 2-3/4" (60mm) Staples for Stand-up Stapler	1		box	\$ 72.43



89251



89252

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 ([page 128](#)).

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
89251	300× 1-1/2" Staples for HeatLink® Deluxe Staple Gun	1	20	box	\$ 77.96
89252	300× 2" Staples for HeatLink® Deluxe Staple Gun	1	–	box	\$ 96.27



HeatLink® Tie Straps

89100 Series

Used to fasten piping to wire mesh or rebar. 5-1/2" (140 mm) tie wraps (89105) are used for smaller diameter tubing. 7-1/2" (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
89105	1000 Tie Straps - 5.5"	1	10	bag	\$ 107.29
89107	1000 Tie Straps - 7.5"	1	10	bag	\$ 113.00



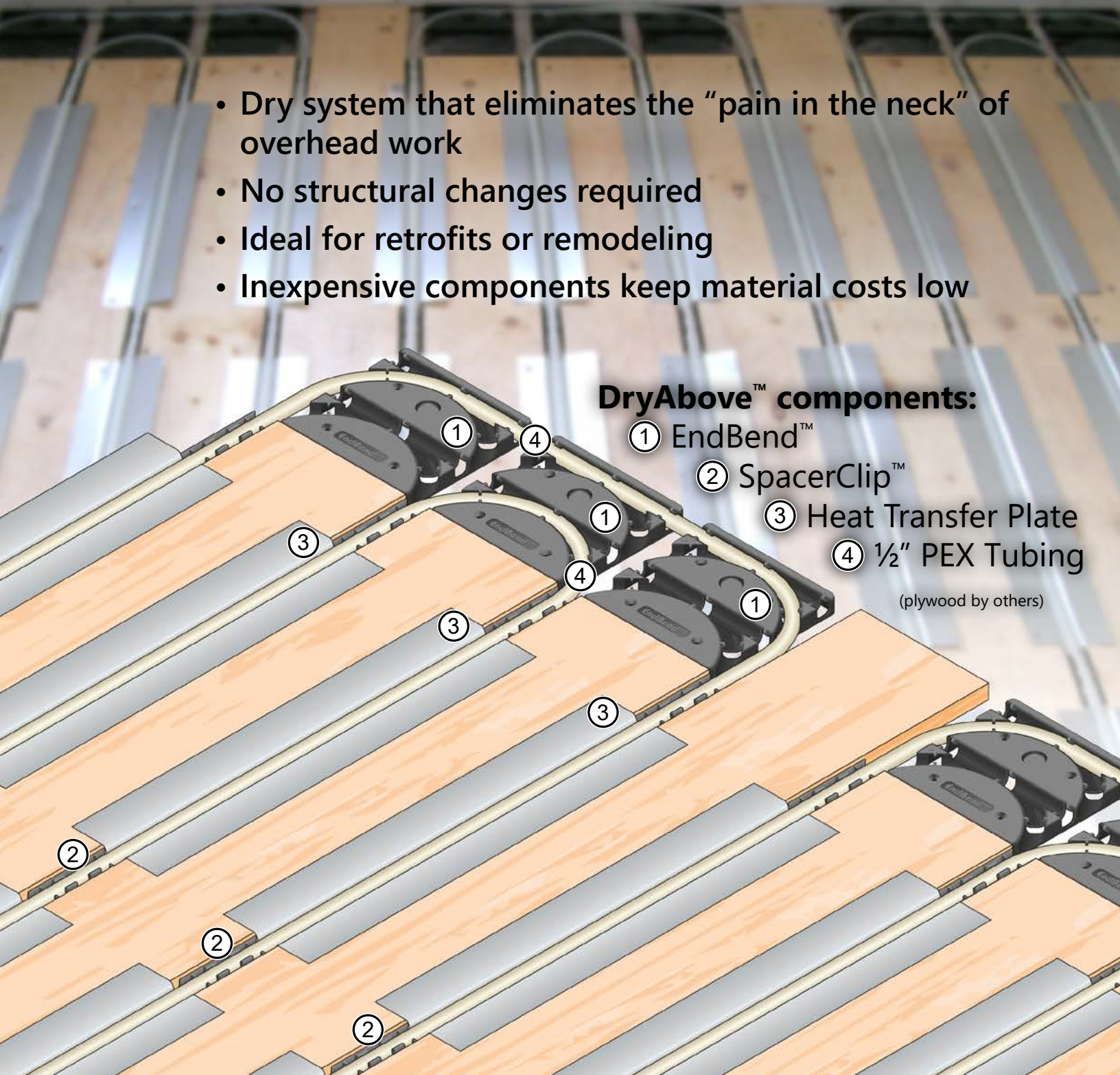
DryAbove™ System

- 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
87024	24" Aluminum Heat Transfer Plate for DryAbove™/ DryBelow™ Systems	250	6000	ea.	\$ 5.79



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
87205	EndBend™ for DryAbove™ System	25	50	ea.	\$ 7.96



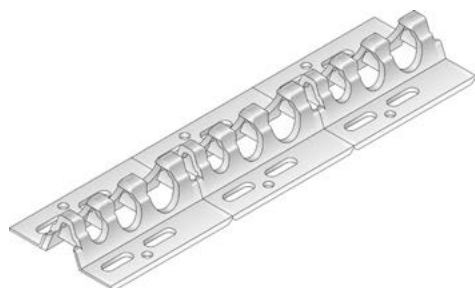
SpacerClip™ for DryAbove™ System

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
87305	SpacerClip™ for DryAbove™ System	50	500	ea.	\$ 2.64



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
89000	Tubing Tracking	400	10000	ft.	\$ 1.92



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
86005	½" Conduit 90s	1	100	ea.	\$ 6.01
86020	⅝" Conduit 90s	1	50	ea.	\$ 8.11
86022	¾" Conduit 90s	1	40	ea.	\$ 12.77



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
86105	Plastic Bend Support for ⅝" and ½" Tubing	1	300	ea.	\$ 2.03
86122	Plastic Bend Support for ¾" Tubing	50	200	ea.	\$ 3.82

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
01205	1L Corrosion Inhibitor (Molybdate Based)	1	12	ea.	\$ 120.15

Magnetic Dirt Separator Stk# 02330



The magnetic dirt separator is designed to remove precipitate (suspended solids) from the system fluid. Precipitate can lead to increased wear and tear of components and decreased system efficiency.

A candle-shaped magnet in the upper part of the body attracts ferromagnetic particles at the entry point into the separator. Any particles that escape the first magnet flow towards the lower section where they are attracted by three lower magnets. The four magnets eliminate almost all the circulating particles. A stainless steel mesh blocks residual impurities before the passage of the fluid to the drain chamber.

A manual air vent allows for the release of entrained air in the system. Designed for easy maintenance and cleaning.

The separator is installed on the system return pipe to protect the components mounted upstream. It is swivel mounted for installation in any connection position.

For more information, see submittal [SUB02330](#).

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
02330	1-1/4" Magnetic Dirt Separator	1	5	ea.	\$ 460.39

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.

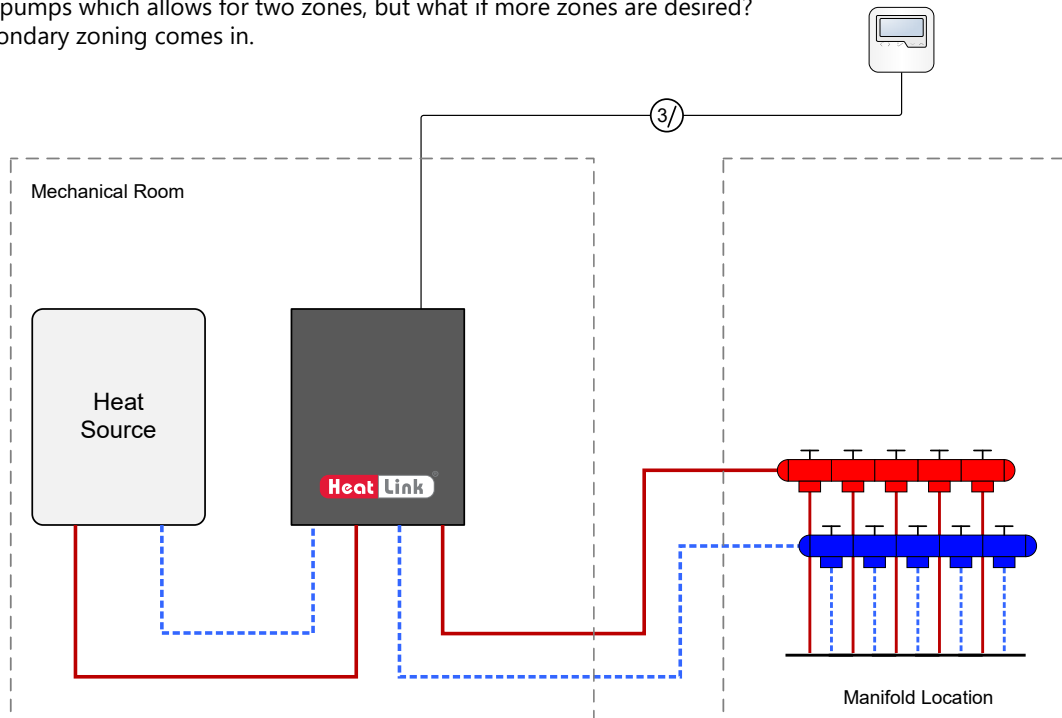
Advantages

- 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.



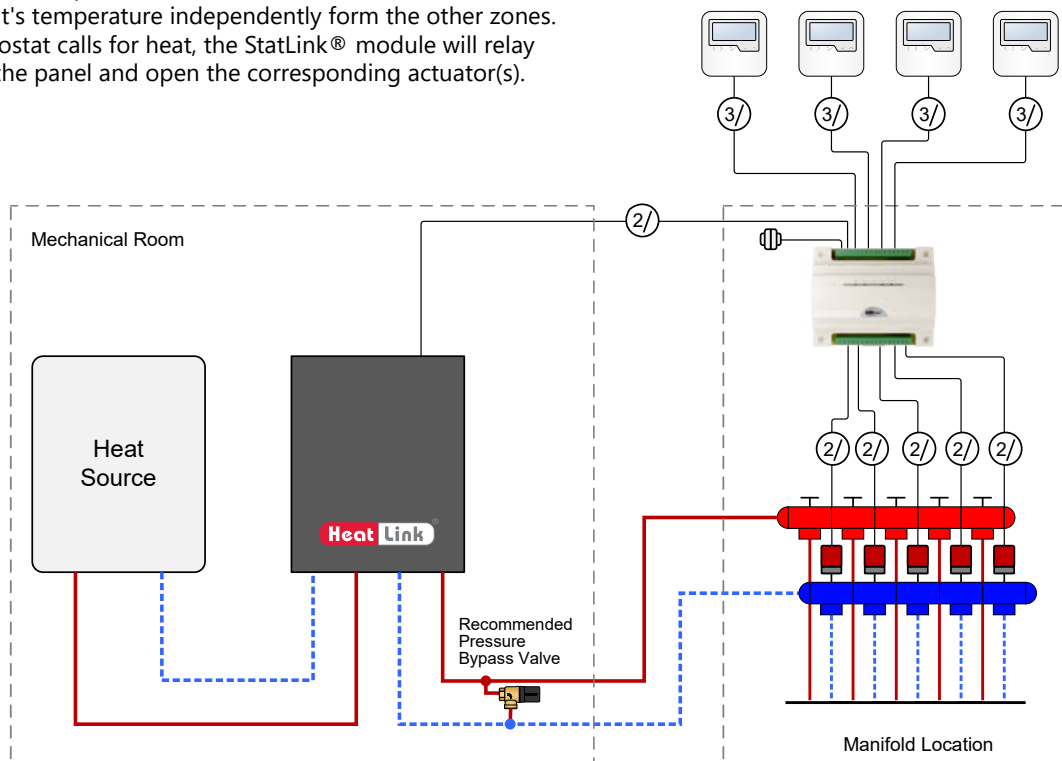
One Zone per Pump

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 ¹	Closed System	Zoning ²	Heating Manifold	Heat Exchanger	Mixing ³	Outdoor Reset	DHW Priority	24hr Timer for Potable	BTU/hr
		Indirect Fired DHW	Radiant	High Temp	Hot Water Tank ¹	Tankless Water Heater	Boiler	Built-in										
90	ELBP Series		•					•		•	1							18/30/50,000
91	ELBP-TS Series		•					•		•	1	•						18/30/50,000
92	TMP040/070		•		•		•		•	•	1			•			•	40/70,000
93	TMP070Z		•		•		•		•	•	4			•			•	70,000
94	TMP-Multi	•	•	•			•			•	2-5			•		•		
96	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.

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® Module, and electrical box for 240V connection.

Sequence of operation:

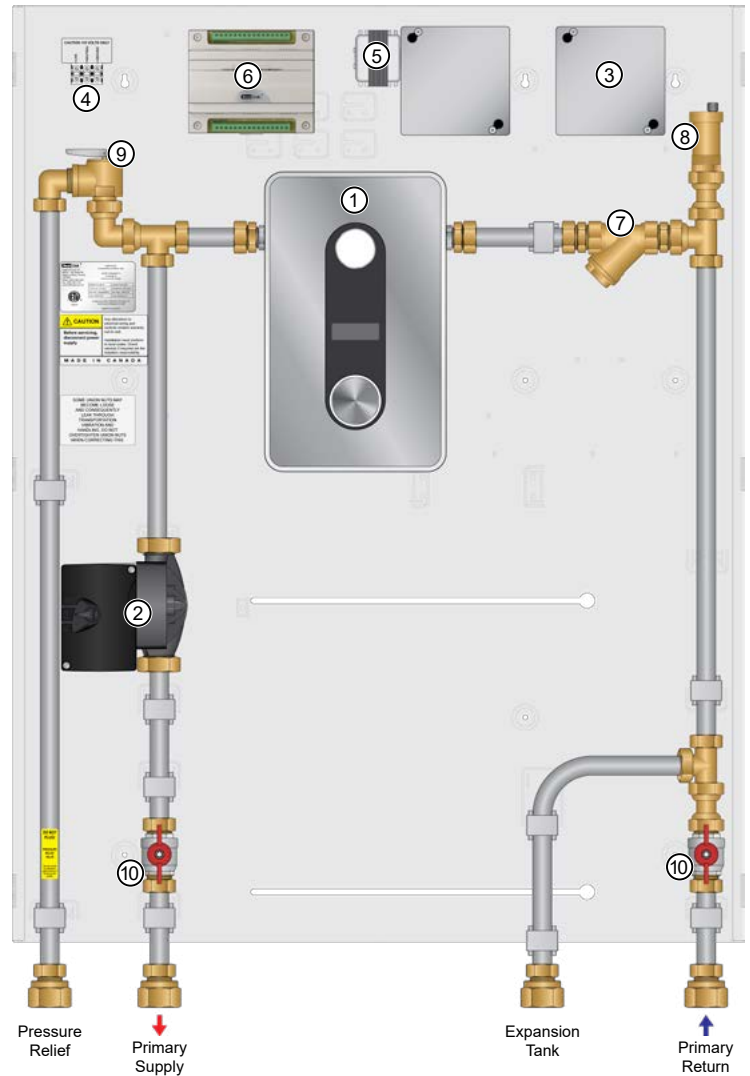
- When there is a call for heat from the thermostat wired to the StatLink® Module, the pump is activated; the electric boiler is then activated via a flow meter and supplies heat based on the user settings.

For complete specifications, see submittal [SUBELBP000](#).

Panel Components

- ① Electric Boiler
- ② Primary Pump
- ③ 240Vac Electrical Connection Box
- ④ 120Vac Terminal Block
- 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
ELBP18	Electric Boiler Panel 18,000BTU	1	ea.	\$ 4,794.00
ELBP30	Electric Boiler Panel 30,000BTU	1	ea.	\$ 8,440.00
ELBP50	Electric Boiler Panel 50,000BTU	1	ea.	\$ 8,620.00

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® Module, and electrical box for 240V connection.

PEX to manifold connectors are sold separately.

Sequence of operation:

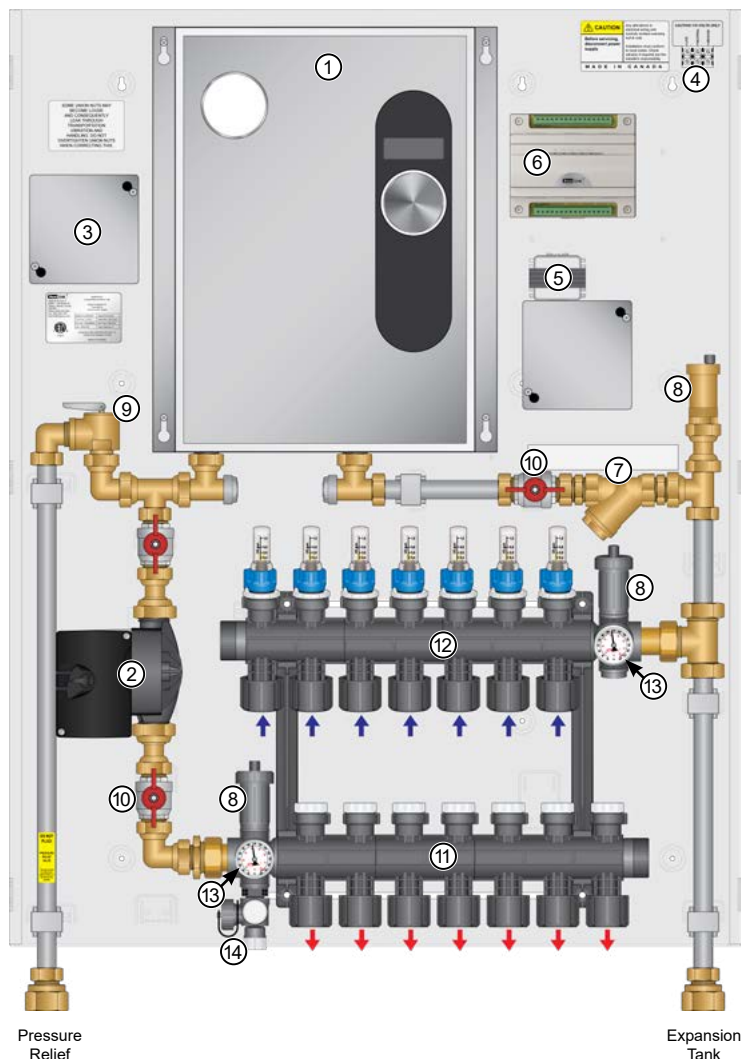
- When there is a call for heat from the thermostat wired to the StatLink® Module, the pump is activated; the electric boiler is then activated via a flow meter and supplies heat based on the user settings.

For complete specifications, see submittal [SUBELBP000TS](#).

Panel Components

- ① Electric Boiler
- ② Primary Pump
- ③ 240Vac Electrical Connection Box
- ④ 120Vac Terminal Block
- 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
ELBP18TS3	Electric Boiler Panel 18,000BTU with 3 Loop Twist Seal Mini Multiport	1	ea.	\$ 5,730.00
ELBP18TS5	Electric Boiler Panel 18,000BTU with 5 Loop Twist Seal Mini Multiport	1	ea.	\$ 5,950.00
ELBP30TS3	Electric Boiler Panel 30,000BTU with 3 Loop Twist Seal Mini Multiport	1	ea.	\$ 8,965.00
ELBP30TS5	Electric Boiler Panel 30,000BTU with 5 Loop Twist Seal Mini Multiport	1	ea.	\$ 9,023.00
ELBP30TS6	Electric Boiler Panel 30,000BTU with 6 Loop Twist Seal Mini Multiport	1	ea.	\$ 9,289.00
ELBP30TS7	Electric Boiler Panel 30,000BTU with 7 Loop Twist Seal Mini Multiport	1	ea.	\$ 9,403.00
ELBP50TS7	Electric Boiler Panel 50,000BTU with 7 Loop Twist Seal Mini Multiport	1	ea.	\$ 10,011.00

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.

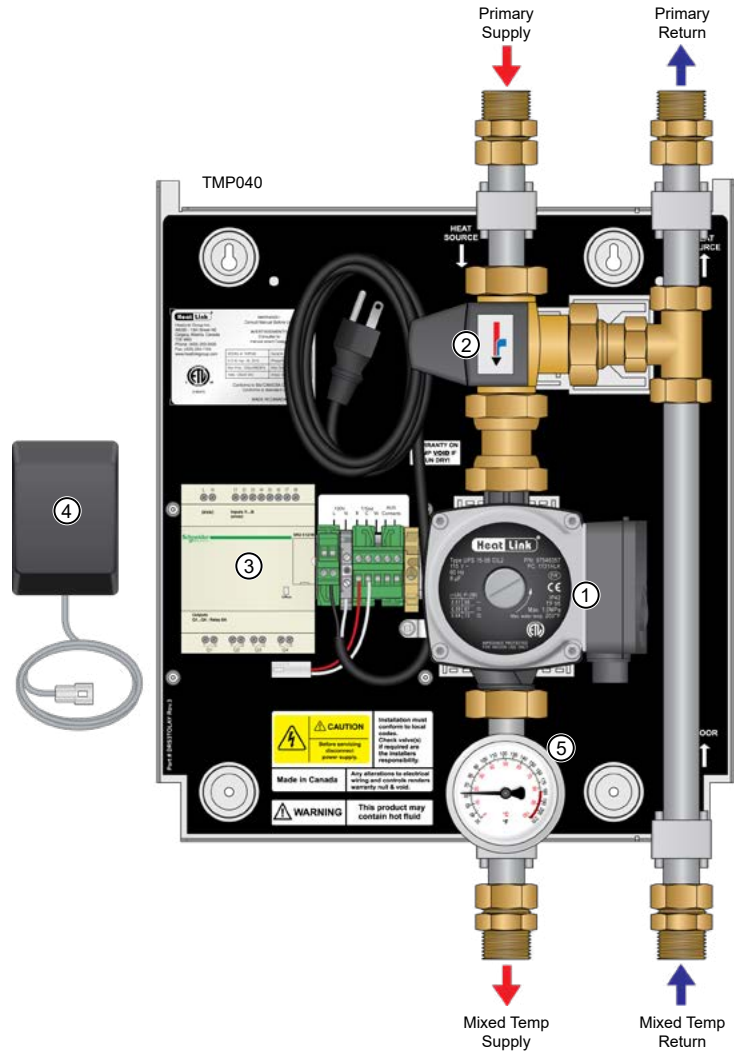
Sequence of operation:

- 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
TMP040	TMP 40MBH 3-Way Mixing Panel	1	ea.	\$ 2,989.00
TMP070	TMP 70MBH 3-Way Mixing Panel	1	ea.	\$ 3,313.00

**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.

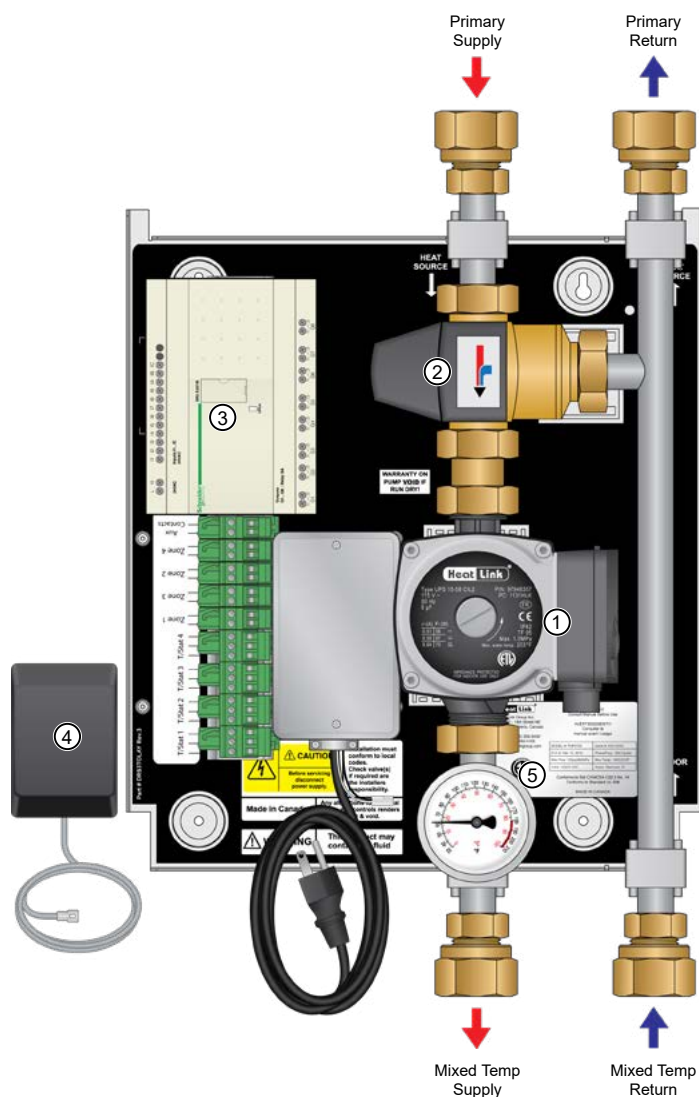
Intended to be used with DHW tanks as a heat source, the PLC is programmed with a 24hr timer for potable applications. The panel has thermostat inputs and actuator outputs for up to four zones (two actuators per zone). When used with a DHW tank as a heat source, secondary zoning downstream of the panel 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
TMP070Z	TMP 70MBH 3-Way Mixing Panel with Zoning	1	ea.	\$ 4,631.00

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.

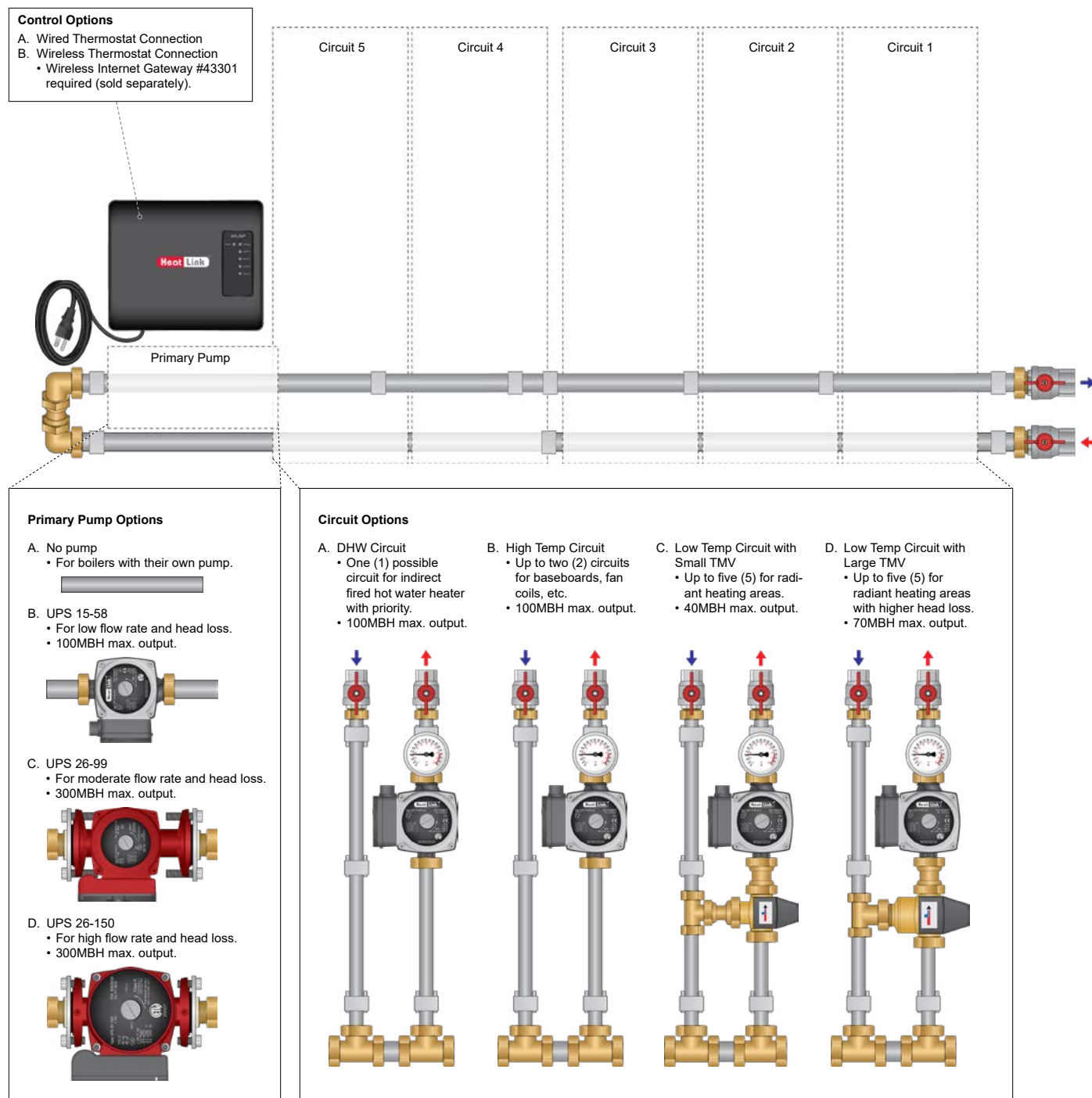
A cover for these panels is not available.

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](#).



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:

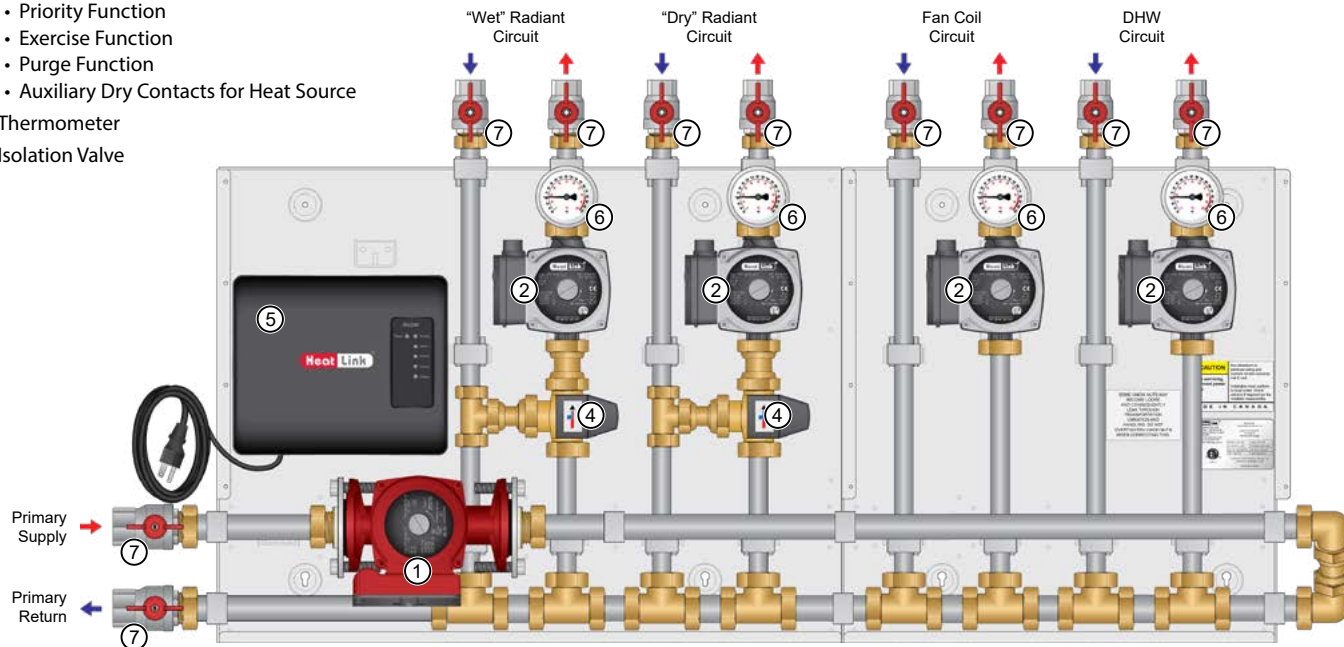
- A demand from the DHW aquastat will send a DHW demand to the Control.
- The Control will turn on the Primary pump (if applicable), Circuit pump, and close the auxiliary contacts.
- The Control will turn off all the other Circuit pump(s) (if running).
- When the DHW demand is removed, the Circuit pump 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.



Example configurations are listed below.

Download the [TMP-Multi Price Calculator](#) from the website for configuration and pricing.

Stk#	Thermostat		Primary Pump				Secondary Circuits					Pkg Qty	Unit
	Wired	Wireless	None	15-58	26-99	26-150	DHW Small	DHW Large	High Temp	Low Temp Small	Low Temp Large		
TMP-MW1P0DSS	•		•				•			2		1	ea.
TMP-MW1P2DSS	•				•		•			2		1	ea.
TMP-MW1P0DHSS	•		•				•		1	2		1	ea.
TMP-MW1P2DHSS	•				•		•		1	2		1	ea.

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.

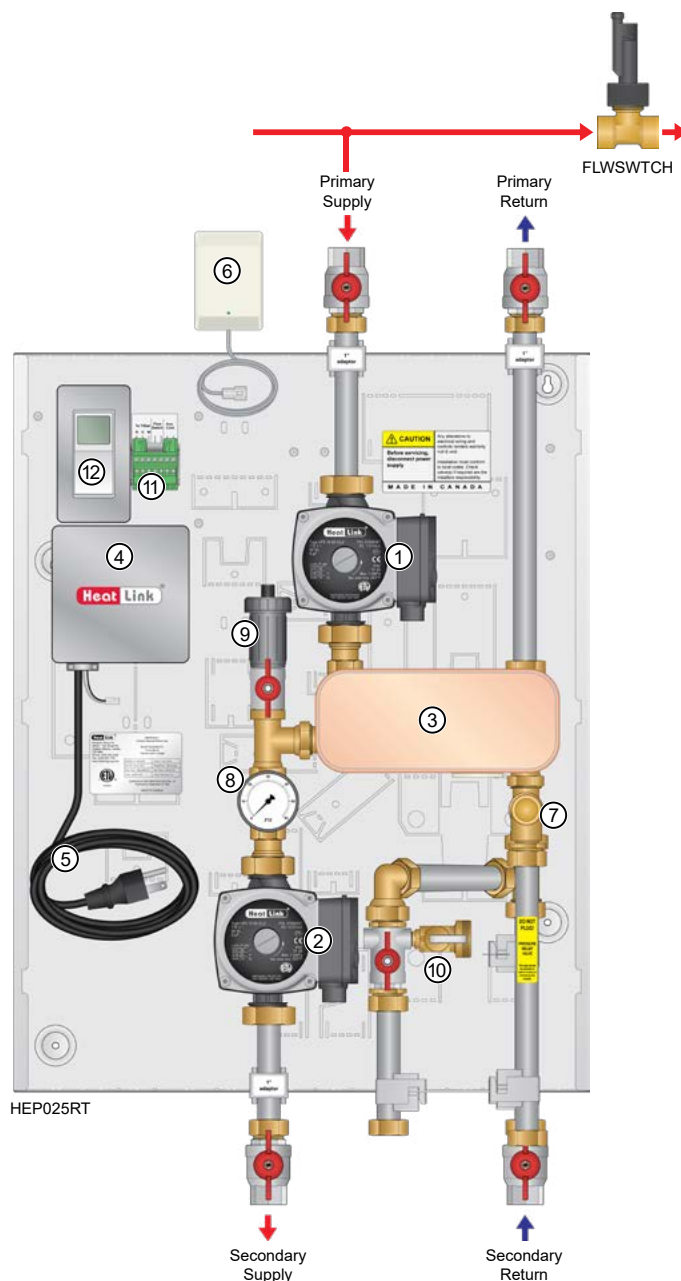
Sequence of operation:

- 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 [SUBFLWSWTCH](#).

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 Block
- ⑫ 24hr Timer



Stk#	Description	Pkg Qty	Unit	List Price / Unit
HEP025RT	HEP 25MBH Isolation Heat Exchanger Panel Lite w/Timer	1	ea.	\$ 4,459.00
HEP080RT	HEP 80MBH Isolation Heat Exchanger Panel Lite w/Timer	1	ea.	\$ 4,737.00
HEP025RTDP	HEP 25MBH Isolation Heat Exchange Panel Dual Pump w/Timer	1	ea.	\$ 5,494.00
HEP080RTDP	HEP 80MBH Isolation Heat Exchange Panel Dual Pump w/Timer	1	ea.	\$ 5,963.00
FLWSWTCH	Flow Switch for Domestic Hot Water Priority	1	ea.	\$ 340.00
PC2319CVR	Powder Coated Cover 23"x19" for HEP025/80R/T/DP,3WMIX,4WMIX	1	ea.	\$ 370.00

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.

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	TWV Cv=1.9	3-way Cv=3.25	3-way Cv=7.3	3-way Cv=18.7	4-way Cv=18.7	StatLink®	Outdoor Reset	BMS Contacts	Snow Melt	
98	Metering Series	•	opt	opt	opt	opt	opt									opt				opt
100	SSPS Series		• ¹	• ¹				•								opt		opt		•
100	SSPL Series		• ¹	• ¹				•								opt		opt		•
101	SSTV Series		•					•			•					opt		opt		•
102	SSTS Series		•					•				•				opt		opt	opt	•
103	SSTM Series		•					•					•			opt	opt	opt	opt	•
104	SSTL Series		•					•					•			opt	opt	opt	opt	•
108	3WMIX-360		•					•						•			•			
108	3WMIXHH-360		•						•					•			•			
109	3WMIX-BMS		•					•						•				•		
109	3WMIXHH-BMS		•						•					•				•		
110	4WMIX-360		•					•							•		•			
110	4WMIXHH-360		•						•						•		•			
111	4WMIX-BMS		•					•							•			•		
111	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.

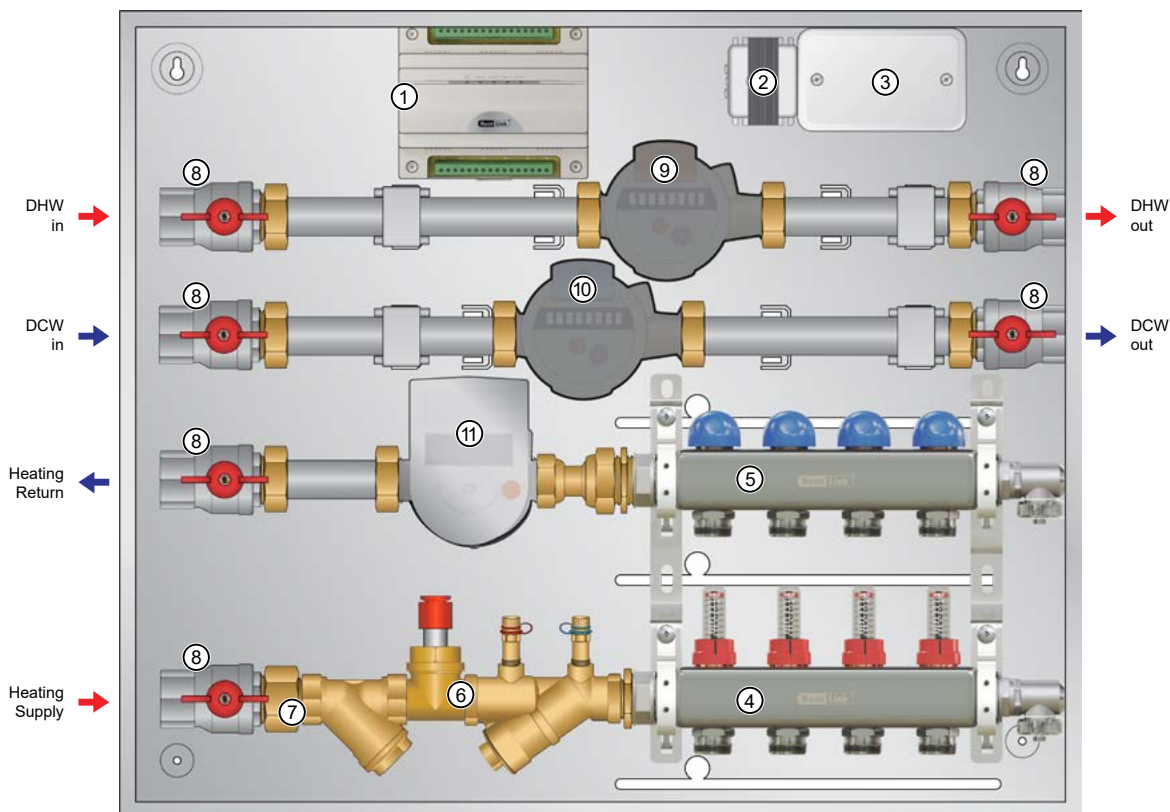
With the addition of thermostats and actuators, the manifold provides an easy way to zone hydronic heating systems. Panels are shipped with spool pieces as placeholders for third party supplied water and thermal meters.

PEX to manifold connectors are sold separately.

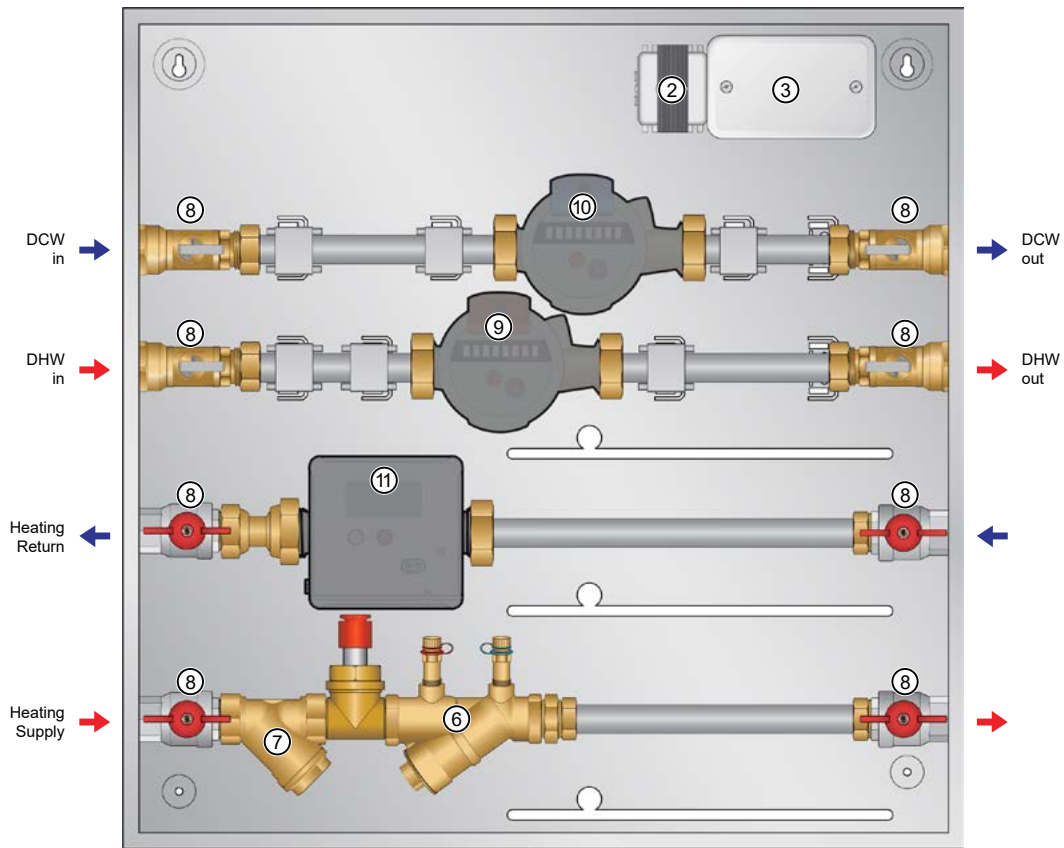
Please contact your local representative for a project quotation and technical specifications.

Panel Components

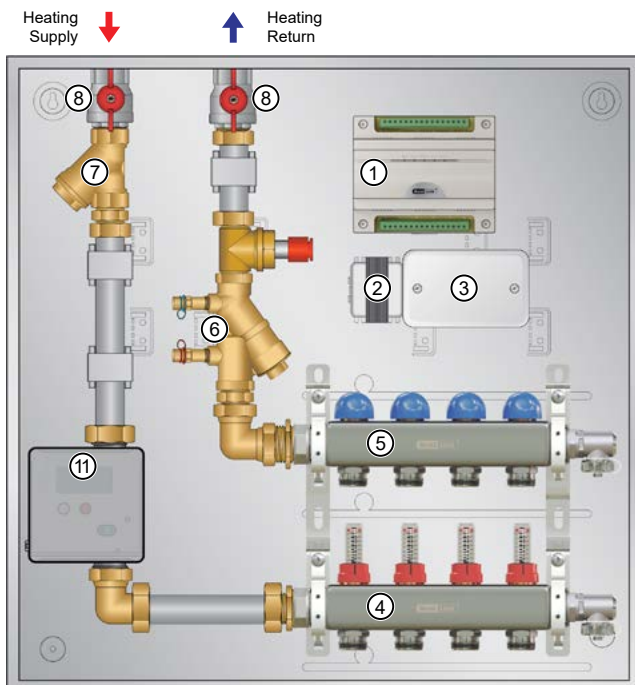
- ① StatLink® Module (optional)
- ② 24Vac Transformer
- ③ 120Vac Junction Box
- ④ Heating Supply Manifold
- ⑤ Heating Return Manifold
- ⑥ Auto Flow Balancing Valve
- ⑦ Y Strainer
- ⑧ Isolation Valve
- ⑨ Hot Water Meter (Not Included - Shown for reference only)
- ⑩ Cold Water Meter (Not Included - Shown for reference only)
- ⑪ BTU Meter (Not Included - Shown for reference only)
- ☒ Panel Cover (not shown)



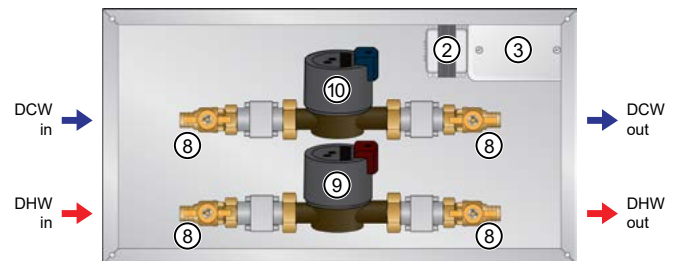
DHW, DCW, and BTU Metering with Manifold



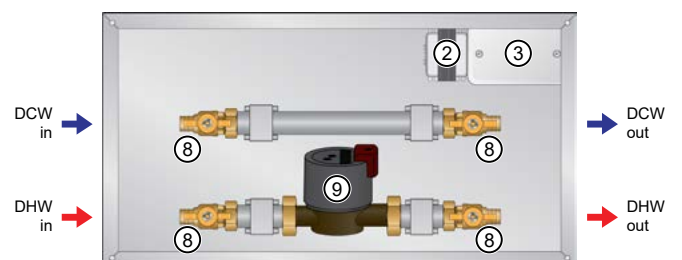
DHW, DCW, and BTU Metering



BTU Metering Top Feed Configuration



DHW and DCW Metering



DHW Metering

Stainless Steel Manifold Pump Panels SSP 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.

Base components:

- Pre-wired UPS 15-58 or UPS 26-99 pump.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

Housing options:

Visible parts made of satin coated steel are 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.

- Recessed made of satin/galvanized steel.
- Recessed made of stainless steel.
- Extended height recessed made of satin/galvanized steel.
- Extended height recessed made of stainless steel.
- Surface mount made of satin/galvanized steel (skirting by others).
- Surface mount made of stainless steel (skirting by others).
- Extended height surface mount made of satin/galvanized steel.
- Extended height surface mount made of stainless steel.

Manifold options:

- 75100 series SS Manifold with Flow Meters
- 75200 series High Flow SS Manifold.

of loops options:

One loop is closed and plugged with manifold caps (#77100) unless all loops in use.

- 4, 6, 8, 10, or 12 loops.

Control options:

- Pump contacts.
- StatLink® (#40414) with pump relay (thermostats').
- Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.

Manifold add-ons:

- Pressure activated bypass (#76945).
- Side mount automatic air vent (#76944).

See [page 105](#) for configuration details.

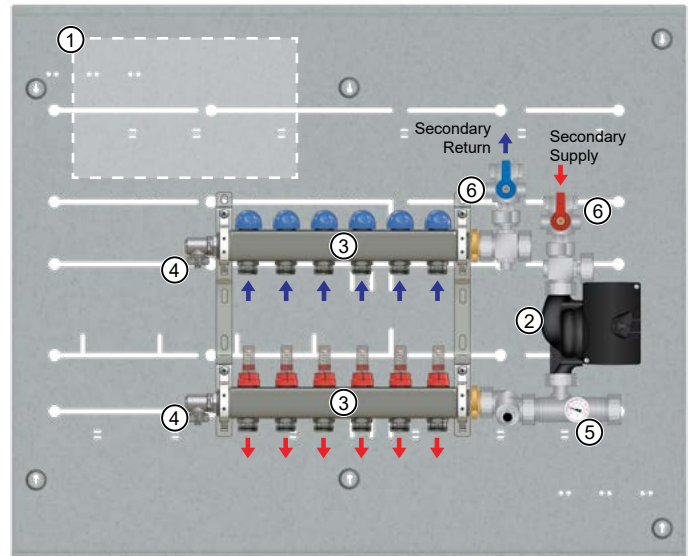
PEX to manifold connectors are sold separately.

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

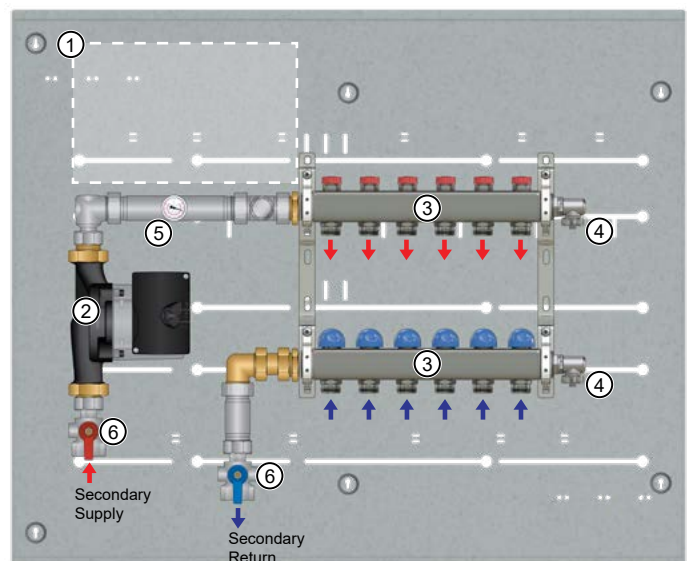
1. Thermostats are sold separately.

Components

- | | |
|---------------------|-----------------------|
| ① Controls location | ④ Hosebib |
| ② Pump | ⑤ Thermometer |
| ③ Manifold | ⑥ 1" FNPT Ball Valves |



SSPS with UPS 15-58 pump, 75106 manifold, top feed mains.



SSPL with UPS 26-99 pump, 75206 manifold, bottom feed mains.

Stainless Steel Manifold Mixing Panels with Thermostatic Mixing Valve

SSTV Series

SSTV series panels are distribution panels with their own pump and thermostatic mixing valve to supply radiant areas that each need a different supply water temperature. Typical applications include radiant heating.

Base components:

- Pre-wired UPS 15-58 pump.
- Thermostatic mixing valve.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

Housing options:

Visible parts made of satin coated steel are 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.

- Recessed made of satin/galvanized steel.
- Recessed made of stainless steel.
- Extended height recessed made of satin/galvanized steel.
- Extended height recessed made of stainless steel.
- Surface mount made of satin/galvanized steel (skirting by others).
- Surface mount made of stainless steel (skirting by others).
- Extended height surface mount made of satin/galvanized steel.
- Extended height surface mount made of stainless steel.

Manifold options:

- 75100 series SS Manifold with Flow Meters.
- 75200 series High Flow SS Manifold.¹

of loops options:

One loop is closed and plugged with manifold caps (#77100) unless all loops in use.

- 4, 6, 8, 10, or 12 loops.¹

Manifold add-ons:

- Pressure activated bypass (#76945).
- Side mount automatic air vent (#76944).

Control options:

- Pump contacts.
- StatLink® (#40414) with pump relay (thermostats²).
- Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.

See [page 105](#) for configuration details.

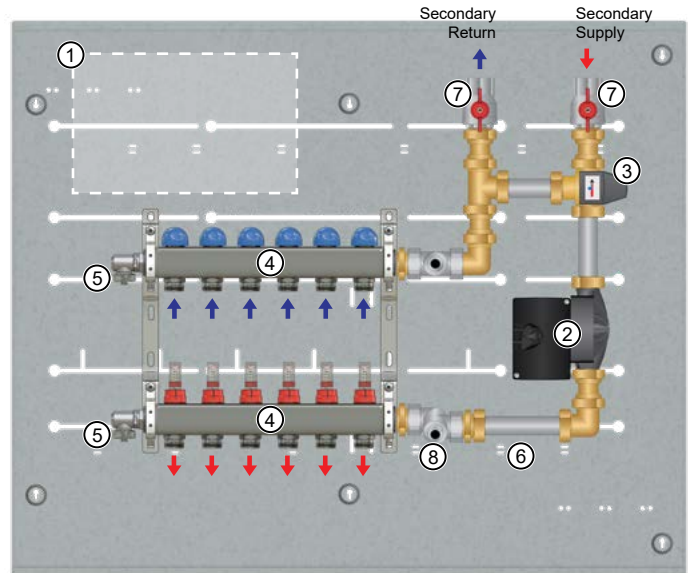
PEX to manifold connectors are sold separately.

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

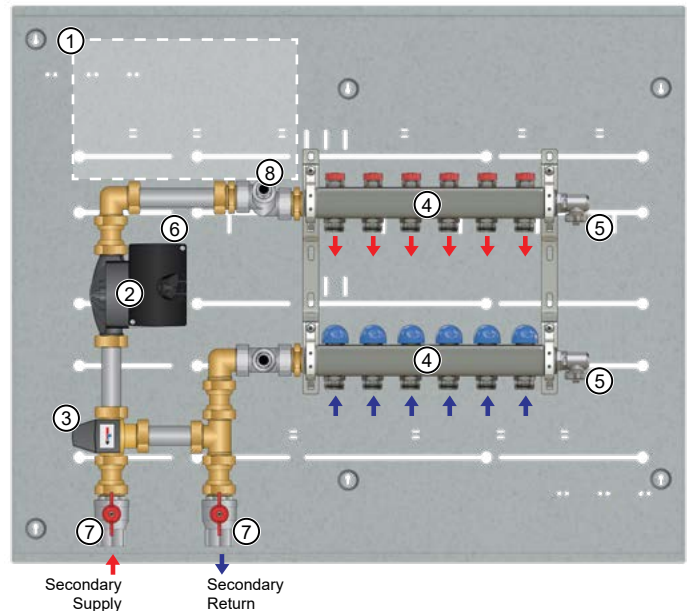
1. Maximum of 6 loops for the 75200 series High Flow SS Manifold.
2. Thermostats are sold separately.

Components

- | | |
|---------------------|---|
| ① Controls location | ⑥ Thermometer |
| ② Pump | ⑦ 1" FNPT Ball Valves |
| ③ Mixing valve | ⑧ Sensor Well (when applicable controls selected) |
| ④ Manifold | |
| ⑤ Hosebib | |



SSTV with UPS 15-58 pump, 75106 manifold, top feed mains.



SSTV with UPS 15-58 pump, 75206 manifold, bottom feed mains.

Stainless Steel Manifold Mixing Panels with Small Pump SSTS Series

SSTS 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.

Base components:

- Pre-wired UPS 15-58 pump.
- 3-way mixing valve.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

Housing options:

Visible parts made of satin coated steel are 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.

- Recessed made of satin/galvanized steel.
- Recessed made of stainless steel.
- Extended height recessed made of satin/galvanized steel.
- Extended height recessed made of stainless steel.
- Surface mount made of satin/galvanized steel (skirting by others).
- Surface mount made of stainless steel (skirting by others).
- Extended height surface mount made of satin/galvanized steel.
- Extended height surface mount made of stainless steel.

Manifold options:

- 75100 series SS Manifold with Flow Meters.
- 75200 series High Flow SS Manifold.

of loops options:

One loop is closed and plugged with manifold caps (#77100) unless all loops in use.

- 4, 6, 8, 10, or 12 loops.

Manifold add-ons:

- Pressure activated bypass (#76945).
- Side mount automatic air vent (#76944).

Control options:

- Pump contacts with Thermostatic Head (#57094).
- BMS wiring (sensors by others) with DDC actuator (#56121).
- BMS pump relay (sensors by others) with DDC actuator (#56121).
- BMS wiring (sensors by others) with DDC actuator (#56121) and StatLink® (thermostats¹).
- Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- StatLink® (#40414) with pump relay (thermostats¹) and Thermostatic Head (#57094).
- Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- Snow melt control (#30654).^{2,3}

See [page 105](#) for configuration details.

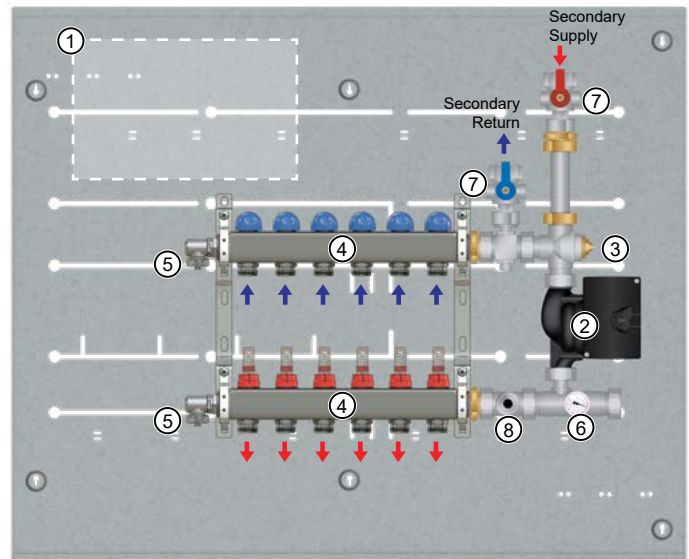
PEX to manifold connectors are sold separately.

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

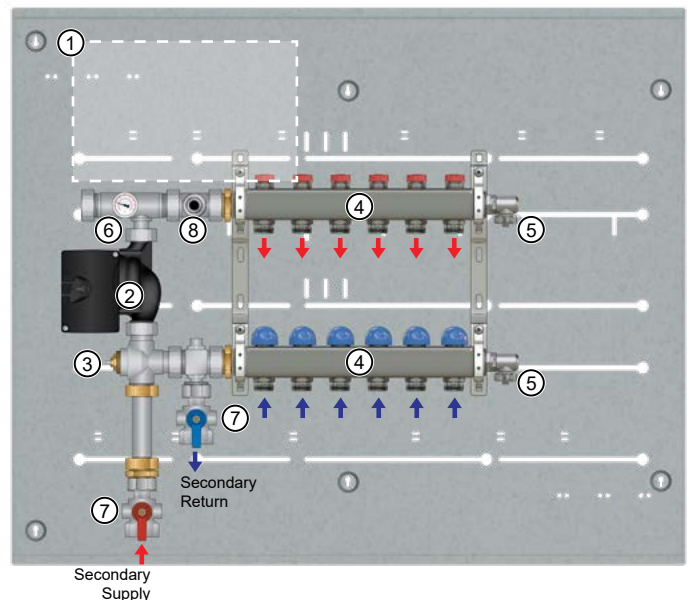
1. Thermostats are sold separately.
2. 75200 series manifold only up to 6 loops.
3. Snow melt controls only available with 75200 series manifolds. Snow/Ice Detector 30090/91 sold separately.

Components

- | | |
|---------------------|---|
| ① Controls location | ⑥ Thermometer |
| ② Pump | ⑦ 1" FNPT Ball Valves |
| ③ Mixing valve | ⑧ Sensor Well (when applicable controls selected) |
| ④ Manifold | |
| ⑤ Hosebib | |



SSTS with UPS 15-58 pump, 75106 manifold, top feed mains.



SSTS with UPS 15-58 pump, 75206 manifold, bottom feed mains.

Stainless Steel Manifold Mixing Panels with Small Pump SSTM Series

SSTM 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.

Base components:

- Pre-wired UPS 15-58 pump.
- 3-way rotary diverting valve.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

Housing options:

Visible parts made of satin coated steel are ready to paint without priming. Recessed enclosure depth allows for mounting in a 2x6 wall. One key lock and one or two coin locks.

- Recessed made of satin/galvanized steel.
- Recessed made of stainless steel.
- Extended height recessed made of satin/galvanized steel.
- Extended height recessed made of stainless steel.
- Surface mount made of satin/galvanized steel (skirting by others).
- Surface mount made of stainless steel (skirting by others).
- Extended height surface mount made of satin/galvanized steel.
- Extended height surface mount made of stainless steel.

Manifold options:

- 75100 series SS Manifold with Flow Meters
- 75200 series High Flow SS Manifold.

of loops options:

One loop is closed and plugged with manifold caps (#77100) unless all loops in use.

- 4, 6, 8, 10, or 12 loops.

Manifold add-ons:

- Pressure activated bypass (#76945).
- Side mount automatic air vent (#76944).

Control options:

- BMS wiring (sensors by others) with DDC mixing valve motor (#58132).
- BMS pump relay (sensors by others) with Floating Action Mixing Valve Motor (#58131).
- BMS wiring (sensors by others) with Floating Action Mixing Valve Motor (#58131) and StatLink® (thermostats¹). Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- Outdoor reset control (#30360) with Floating Action Mixing Valve Motor (#58131) and StatLink® (thermostats¹). Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- Snow melt control (#30654) with DDC mixing valve motor (#58132).²
- Snow melt control with BACnet (#31680) with Floating Action Mixing Valve Motor (#58131).²

See [page 105](#) for configuration details.

PEX to manifold connectors are sold separately.

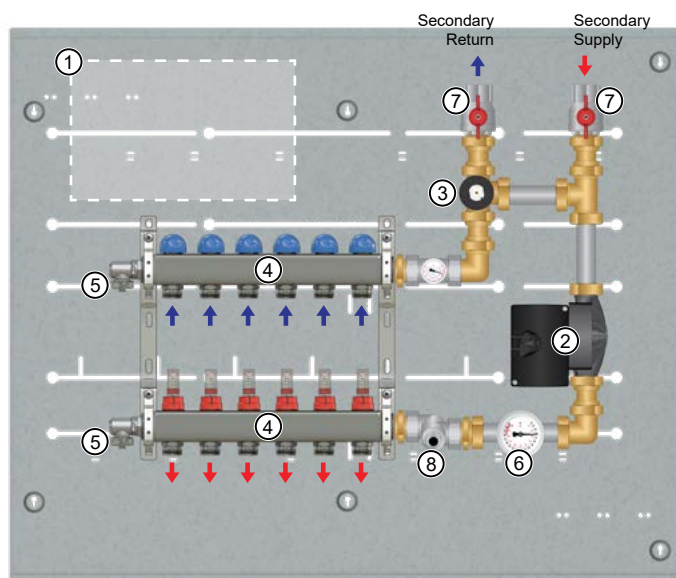
For complete specifications, see submittal [SUBSST](#).

1. Thermostats are sold separately.

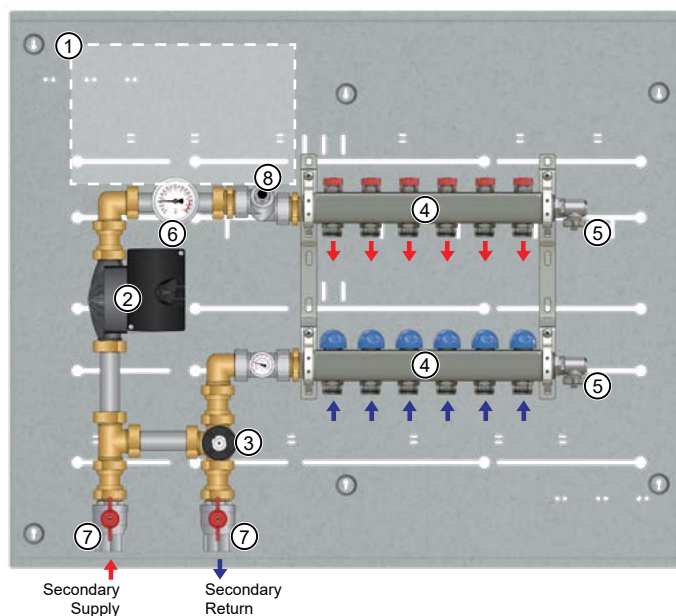
2. Snow melt controls only available with 75200 series manifolds.
Snow/Ice Detector #30090/91 sold separately.

Components

- | | |
|---------------------|---|
| ① Controls location | ⑥ Thermometer |
| ② Pump | ⑦ 1" FNPT Ball Valves |
| ③ Mixing valve | ⑧ Sensor Well (when applicable controls selected) |
| ④ Manifold | |
| ⑤ Hosebib | |



SSTM with UPS 15-58 pump, 75106 manifold, top feed mains.



SSTM with UPS 15-58 pump, 75206 manifold, bottom feed mains.

Stainless Steel Manifold Mixing Panels with Large Pump SSTL Series

SSTL 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.

Base components:

- Pre-wired UPS 26-99 pump.
- 3-way rotary diverting valve.
- Top or bottom mains feed available.
- Isolation valves.
- Thermometer.

Housing options:

Visible parts made of satin coated steel are ready to paint without priming. Recessed enclosure depth allows for mounting in a 2x6 wall. One key lock and one or two coin locks.

- Recessed made of satin/galvanized steel.
- Recessed made of stainless steel.
- Extended height recessed made of satin/galvanized steel.
- Extended height recessed made of stainless steel.
- Surface mount made of satin/galvanized steel (skirting by others).
- Surface mount made of stainless steel (skirting by others).
- Extended height surface mount made of satin/galvanized steel.
- Extended height surface mount made of stainless steel.

Manifold options:

- 75100 series SS Manifold with Flow Meters
- 75200 series High Flow SS Manifold.

of loops options:

One loop is closed and plugged with manifold caps (#77100) unless all loops in use.

- 4, 6, 8, 10, or 12 loops.

Manifold add-ons:

- Pressure activated bypass (#76945).
- Side mount automatic air vent (#76944).

Control options:

- BMS wiring (sensors by others) with DDC mixing valve motor (#58132).
- BMS pump relay (sensors by others) with Floating Action Mixing Valve Motor (#58131).
- BMS wiring (sensors by others) with Floating Action Mixing Valve Motor (#58131) and StatLink® (thermostats¹).
Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- Outdoor reset control (#30360) with Floating Action Mixing Valve Motor (#58131) and StatLink® (thermostats¹).
Optional - Actuator with LED (#56201) installed on manifold and wired to StatLink®.
- Snow melt control (#30654) with DDC mixing valve motor (#58132).²
- Snow melt control with BACnet (#31680) with Floating Action Mixing Valve Motor (#58131).²

See [page 105](#) for configuration details.

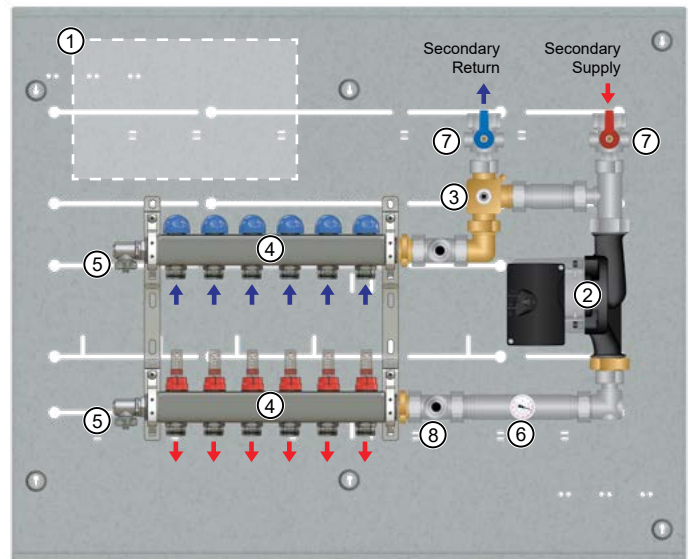
PEX to manifold connectors are sold separately.

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

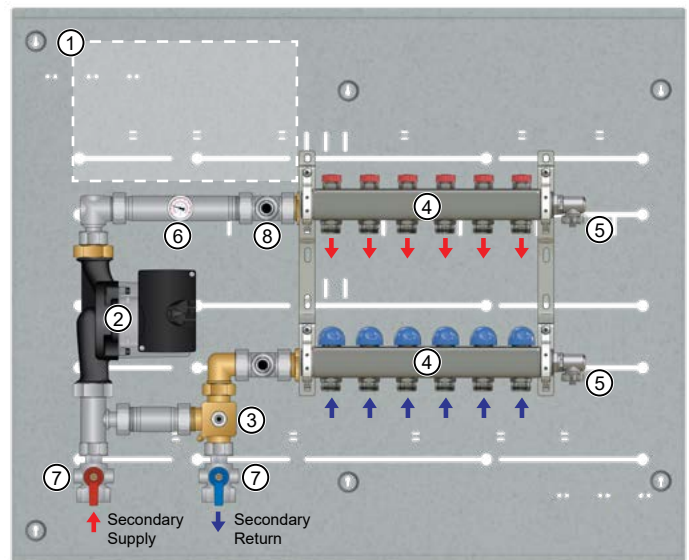
1. Thermostats are sold separately.
2. Snow melt controls only available with 75200 series manifolds.
Snow/Ice Detector #30090/91 sold separately.

Components

- | | |
|---------------------|---|
| ① Controls location | ⑥ Thermometer |
| ② Pump | ⑦ 1" FNPT Ball Valves |
| ③ Mixing valve | ⑧ Sensor Well (when applicable controls selected) |
| ④ Manifold | |
| ⑤ Hosebib | |



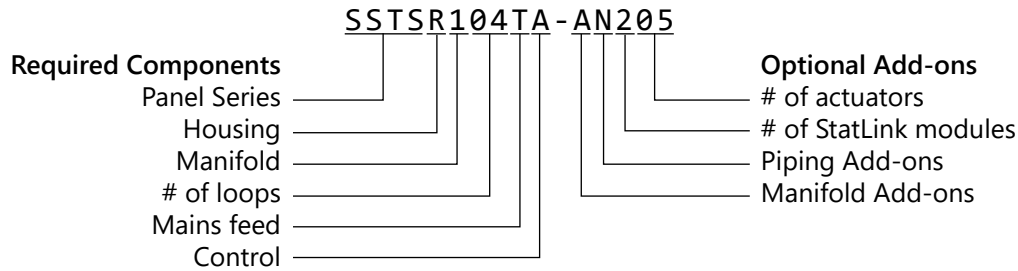
SSTL with UPS 26-99 pump, 75106 manifold, top feed mains.



SSTL with UPS 26-99 pump, 75206 manifold, bottom feed mains.

Building the Item Number

Download the [SSP-SST Calculator](#) from the website for panel configuration and pricing.



Panel Series

Code	Secondary Pump		Mixing/Diverting Valve		
	UPS 15-58	UPS 26-99	TMV Cv=1.9	3-way Cv=3.25	3-way Cv=7.3
SSPS	•				
SSPL		•			
SSTV ¹	•		•		
SSTS ¹	•			•	
SSTM	•				•
SSTL		•			•

Housing

Code	Type		Material			Extended Height ₂
	Recessed	Surface Mount	Satin/Galvanized	Stainless Steel ²		
R	•		•			
A	•		•			• ²
B	•			• ²		
C	•			• ²		• ²
S		•	•			
D		•	•			• ²
E		•		• ²		
F		•		• ²		• ²

Manifold

Code	Description
1	75100 series
2	75200 series ¹

of loops

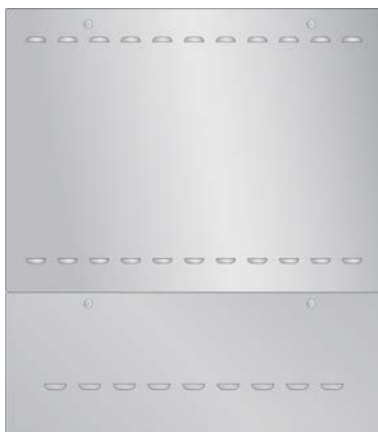
Code	Description
04	4 loops
06	6 loops
08	8 loops
10	10 loops
12	12 loops

Mains Feed

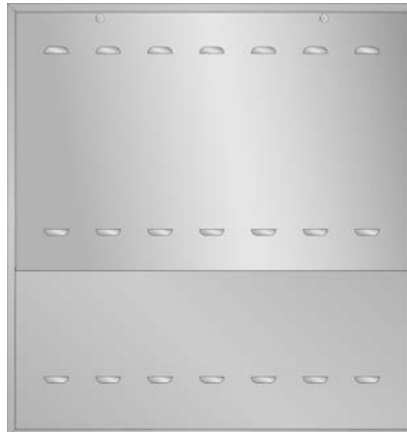
Code	Description
T	Top feed
B	Bottom feed

1. SSTS and SSTV panel series with 75200 series manifolds are limited to 6 loops.
2. Stainless steel and extended height housings are special order options.

Extended Height Recessed Housing - A & C



Extended Height Surface Mount Housing - D & F



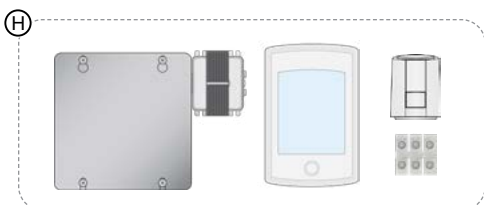
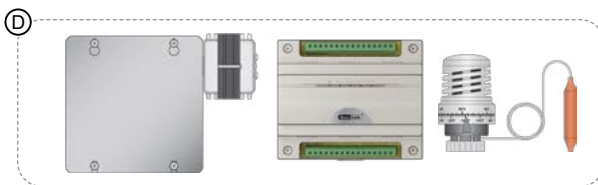
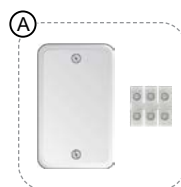
Control Options

All controls include an electrical junction box for 120V wiring, and relay(s) (if applicable).

Control options (excluding (B), (D), (G)) include a terminal strip for applicable external control connections.

Illustrations are representative and may differ slightly from actual control. See control manuals for wiring and connection details.

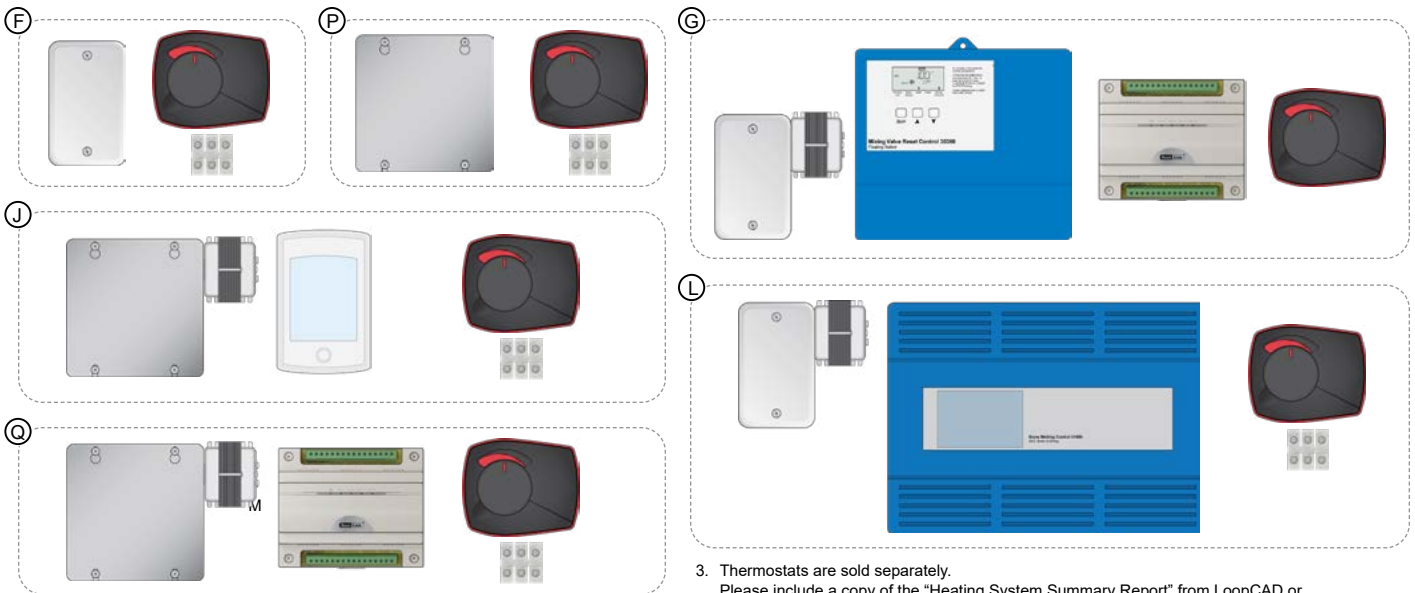
Code	Description	Compatible Panel Series					
		SSPS	SSPL	SSTV	SSTS	SSTM	SSTL
A	Pump contacts	•	•	•			
B	StatLink (#40414) with pump relay (optional Actuators #56201) ³	• ³	• ³	• ³			
C	Pump contacts with Thermostatic Head (#57094)				•		
D	StatLink (#40414) with pump relay (optional Actuators #56201) ³ and Thermostatic Head (#57094)				• ³		
E	BMS wiring with DDC Actuator (#56121)				•		
M	BMS pump relay with DDC Actuator (#56121)				•		
N	BMS wiring with DDC Actuator (#56121) and StatLink (optional Actuators #56201) ³				• ³		
H	Snow Melt Control (#30654) with DDC Actuator (#56121) ^{4,5}				• ^{4,5}		



3. Thermostats are sold separately. Please include a copy of the "Heating System Summary Report" from LoopCAD or an equivalent table showing the # of zones and # of actuators per zone.
4. 75200 series manifold only up to 6 loops.
5. Snow melt controls only available with 75200 series manifolds. Snow/Ice Detector 30090/91 sold separately.

Control Options continued

Code	Description	Compatible Panel Series					
		SSPS	SSPL	SSTV	SSTS	SSTM	SSTL
F	BMS wiring with DDC Mixing Valve Motor (#58132)					•	•
P	BMS pump relay with DDC Mixing Valve Motor (#58132)					•	•
Q	BMS wiring with DDC Mixing Valve Motor (#58132) and StatLink (optional Actuators #56201) ³					• 3	• 3
G	Indoor/Outdoor Reset (#30360) with Floating Action Mixing Valve Motor (#58131), StatLink (#40414) (optional Actuators #56201) ³					• 3	• 3
J	Snow Melt Control (#30654) with DDC Mixing Valve Motor (#58132) ⁵					• 5	• 5
L	Snow Melt Control with BACnet (#31680) with Floating Action Mixing Valve Motor (#58131) ⁵					• 5	• 5



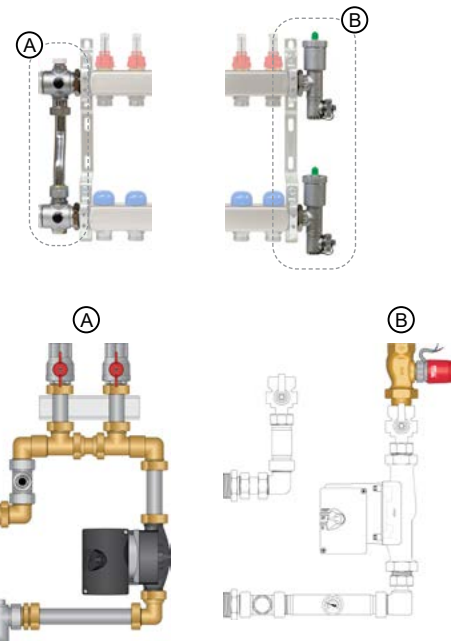
3. Thermostats are sold separately.
Please include a copy of the "Heating System Summary Report" from LoopCAD or an equivalent table showing the # of zones and # of actuators per zone.
5. Snow melt controls only available with 75200 series manifolds.
Snow/Ice Detector 30090/91 sold separately.

Manifold Add-ons

Code	Description	Compatible Panel Series					
		SSPS	SSPL	SSTS	SSTV	SSTM	SSTL
N	None	•	•	•	•	•	•
A	Pressure Bypass (#76945)	•	•	•	•	•	•
B	Side Mount Auto Air Vent Kit (#76944)	•	•	•	•	•	•
C	Pressure Bypass (#76945) and Side Mount Auto Air Vent Kit (#76944)	•	•	•	•	•	•

Piping Add-ons

Code	Description	Compatible Panel Series					
		SSPS	SSPL	SSTS	SSTV	SSTM	SSTL
N	None	•	•	•	•	•	•
A	Closely spaced tees	•	•				
B	Auto isolation zone valve ⁶	• ⁶	• ⁶				



6. Requires control option with StatLink

3WMIX 3-Way Mixing Panels 3WMIX-360 Series

These standalone panels provide outdoor reset control with a secondary pump, 3-way rotary mixing valve, and 3-point floating mixing valve motor.

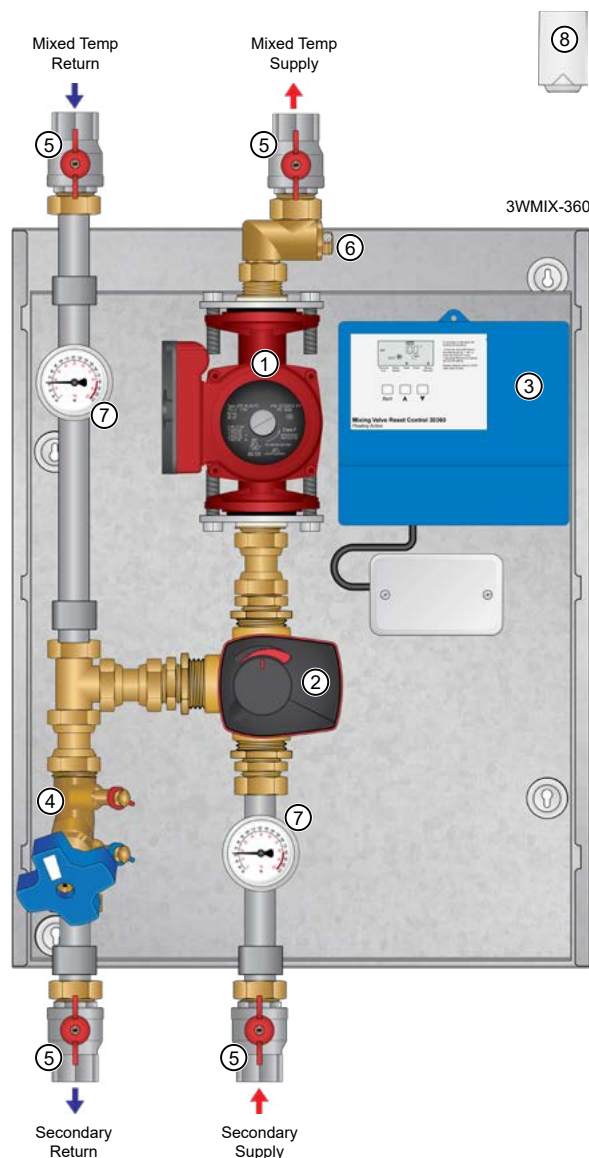
Sequence of operation (Outdoor Reset):

- When the panel receives a heat demand, the 30360 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 [SUB3WMIX-360](#).

Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Motor
- ③ 30360 Indoor/Outdoor Reset Mixing Control
- ④ Balancing Valve
- ⑤ Isolation Valves
- ⑥ Supply Sensor (in well)
- ⑦ Thermometer
- ⑧ Outdoor Sensor
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
3WMIX-360	3-Way Mixing Panel 1-1/4" 26-99 Pump	1	ea.	\$ 10,523.00
3WMIXHH-360	3-Way Mixing Panel 1-1/4" 26-150 Pump	1	ea.	\$ 12,021.00

3WMIX 3-Way Mixing Panels

3WMIX-BMS Series

These panels provide a secondary pump, 3-way rotary mixing valve, DDC mixing valve motor, and terminal blocks for connection to a BMS.

Sequence of operation (BMS):

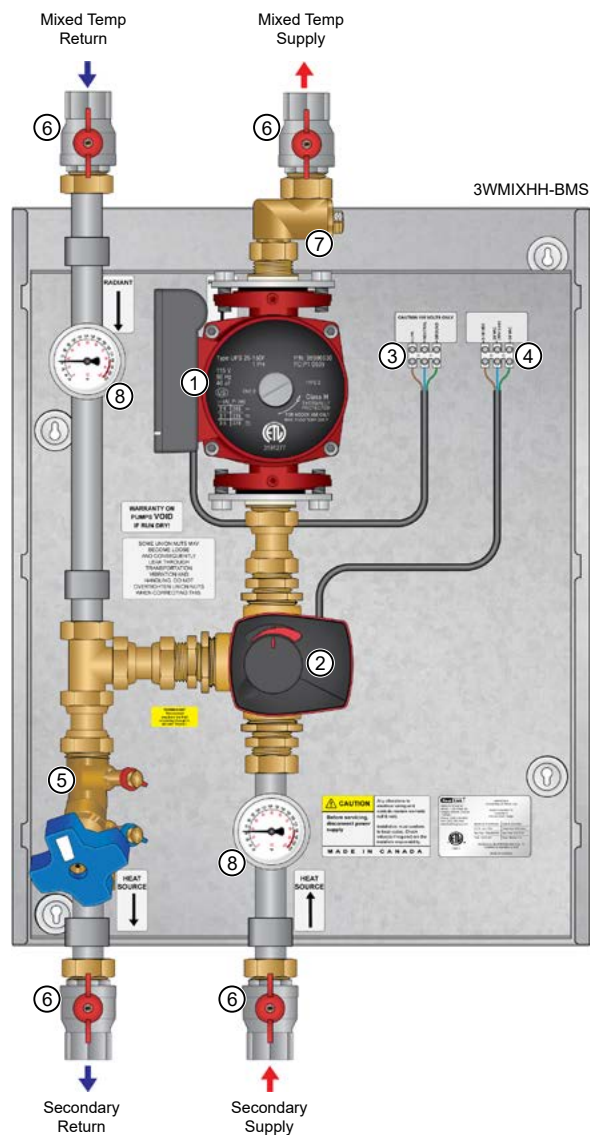
- When the pump terminal block receives 120Vac power, the secondary pump will turn on and circulate the system water.
- The mixing valve motor will open or close the valve to adjust the supply water temperature according to input received at the mixing valve motor terminal block.

For complete specifications, see submittal

[SUB3WMIX-BMS](#).

Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Motor
- ③ 120Vac Terminal Block for Pump
- ④ Terminal Block for Mixing Valve Motor
- ⑤ Balancing Valve
- ⑥ Isolation Valves
- ⑦ Sensor Well
- ⑧ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
3WMIX-BMS	3-Way Mixing Panel 1-1/4" 26-99 Pump BMS	1	ea.	\$ 7,225.00
3WMIXHH-BMS	3-Way Mixing Panel 1-1/4" 26-150 Pump BMS	1	ea.	\$ 9,512.00

4WMIX 4-Way Mixing Panels 4WMIX-360 Series

These standalone panels provide outdoor reset control with a secondary pump, 4-way rotary mixing valve, and 3-point floating mixing valve motor.

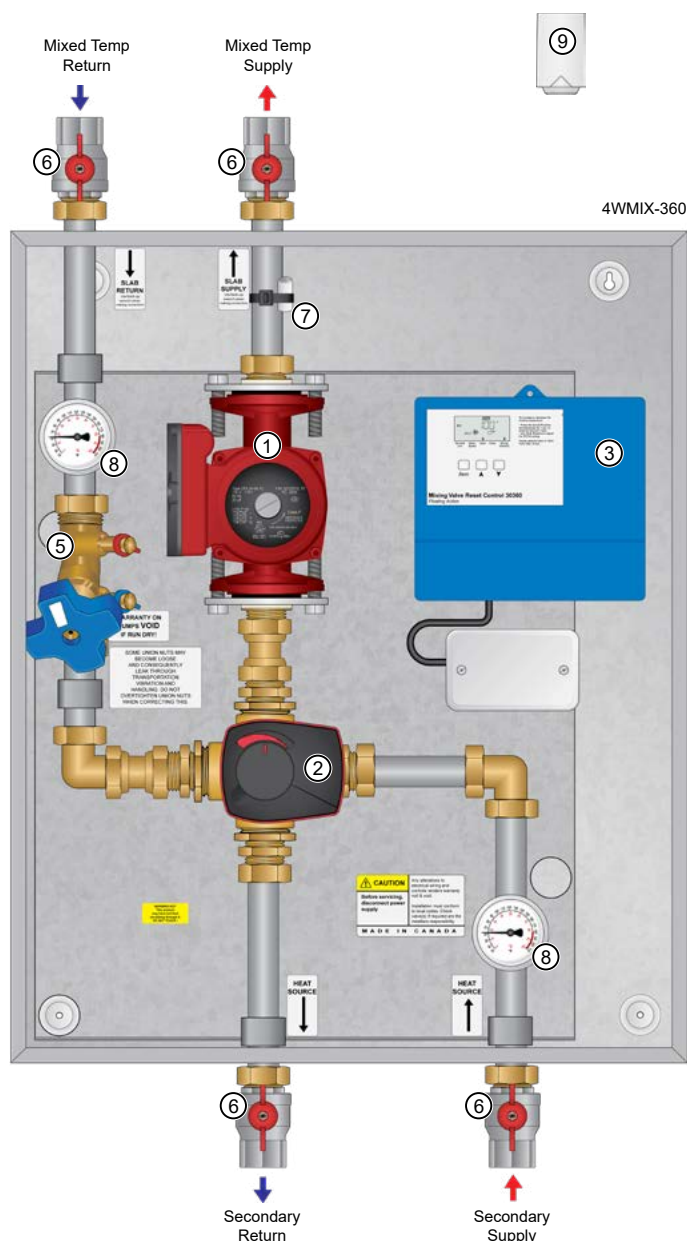
Sequence of operation (Outdoor Reset):

- When the panel receives a heat demand, the 30360 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 [SUB4WMIX-360](#).

Panel Components

- ① Secondary Pump
 - ② 4-Way Mixing Valve and Motor
 - ③ 30360 Indoor/Outdoor Reset Mixing Control
 - ④ Balancing Valve
 - ⑤ Isolation Valves
 - ⑥ Supply Sensor (in well)
 - ⑦ Thermometer
 - ⑧ Outdoor Sensor
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
4WMIX-360	4-Way Mixing Panel 1-1/4" 26-99 Pump	1	ea.	\$ 10,523.00
4WMIXHH-360	4-Way Mixing Panel 1-1/4" 26-150 Pump	1	ea.	\$ 12,021.00

4WMIX 4-Way Mixing Panels 4WMIX-BMS Series

These panels provide a secondary pump, 4-way rotary mixing valve, DDC mixing valve motor, and terminal blocks for connection to a BMS.

Sequence of operation (BMS):

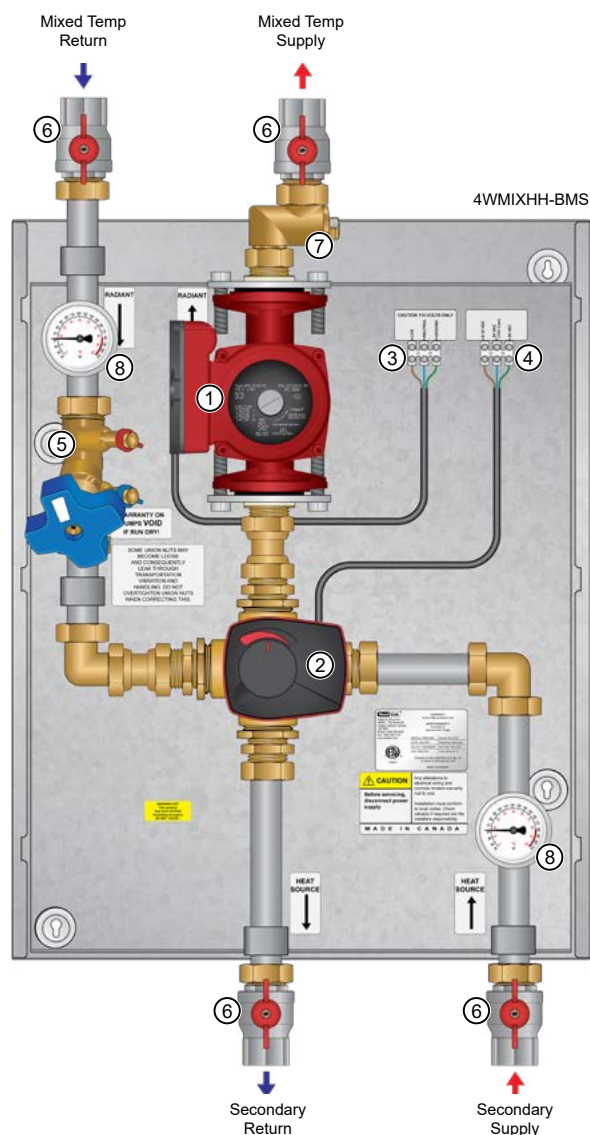
- When the pump terminal block receives 120Vac power, the secondary pump will turn on and circulate the system water.
- The mixing valve motor will open or close the valve to adjust the supply water temperature according to input received at the mixing valve motor terminal block.

For complete specifications, see submittal

[SUB4WMIX-BMS](#).

Panel Components

- ① Secondary Pump
- ② 4-Way Mixing Valve and Motor
- ③ 120Vac Terminal Block for Pump
- ④ Terminal Block for Mixing Valve Motor
- ⑤ Balancing Valve
- ⑥ Isolation Valves
- ⑦ Sensor Well
- ⑧ Thermometer
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
4WMIX-BMS	4-Way Mixing Panel 1-1/4" 26-99 Pump BMS	1	ea.	\$ 7,225.00
4WMIXHH-BMS	4-Way Mixing Panel 1-1/4" 26-150 Pump BMS	1	ea.	\$ 9,512.00

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 a snow melt control. 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
			3x8-20	3x8-30	UPS 26-99	UPS 26-150	UPS 26-99	UPS 26-150	UP 43-110	3-way Cv=11.7	3-way Cv=18.7	4-way Cv=18.7	
113	3WMIX-654						•				•		
113	3WMIXHH-654							•			•		
114	3WMIX-680						•				•		•
114	3WMIXHH-680							•			•		•
115	4WMIX-654						•					•	
115	4WMIXHH-654							•				•	
116	4WMIX-680						•					•	•
116	4WMIXHH-680							•				•	•
117	SMP375-654	300			•		•			•			
117	SMP375-654-H	375			•			•		•			
118	SMP375-680	300			•		•			•			•
118	SMP375-680-H	375			•			•		•			•
119	SMP175-654-HEX	175	2		•		•			•			
119	SMP300-654-HEX	300		2	•		•			•			
119	SMP300-654-HEX-H	365		3	•			•		•			
119	SMP300-654-HEX-HH	365		3		•		•		•			
120	SMP175-680-HEX	175	2		•		•			•			•
120	SMP300-680-HEX	300		2	•		•			•			•
120	SMP300-680-HEX-H	365		3	•			•		•			•
120	SMP300-680-HEX-HH	365		3		•		•		•			•
121	SMP400D-654	400							•		•		
122	SMP400D-680	400							•		•		•
123	SMP335-654	335	4						•		•		
123	SMP425-654	425		4					•		•		
124	SMP335-680	335	4						•		•		•
124	SMP425-680	425		4					•		•		•

3WMIX-654 3-Way Mixing Panels w/Snow Melt Control 3WMIX-654 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

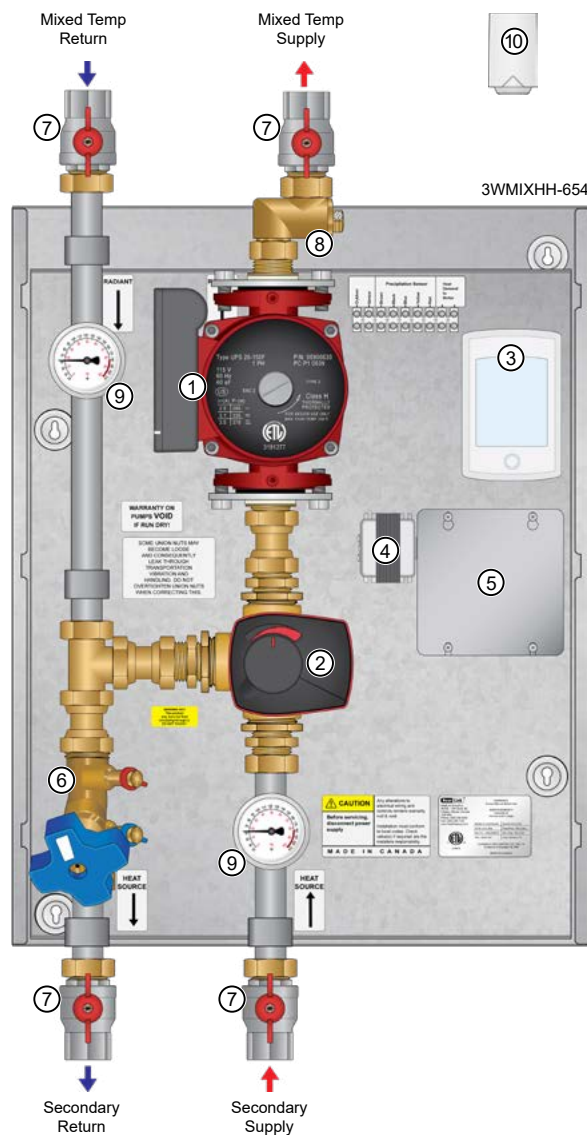
Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.
- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUB3WMIX-654](#).

Panel Components

- ① Secondary Pump
- ② 3-Way Mixing Valve and Motor
- ③ Snow Melt Control
- ④ 24Vac Transformer
- ⑤ Relay/Electrical Box
- ⑥ Balancing Valve
- ⑦ Isolation Valves
- ⑧ Supply Sensor (in well)
- ⑨ Thermometer
- ⑩ Outdoor Sensor
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
3WMIX-654	3-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt	1	ea.	\$ 9,780.00
3WMIXHH-654	3-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt	1	ea.	\$ 11,844.00

3WMIX-680 4-Way Mixing Panels w/ BACnet Snow Melt Control 3WMIX-680 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

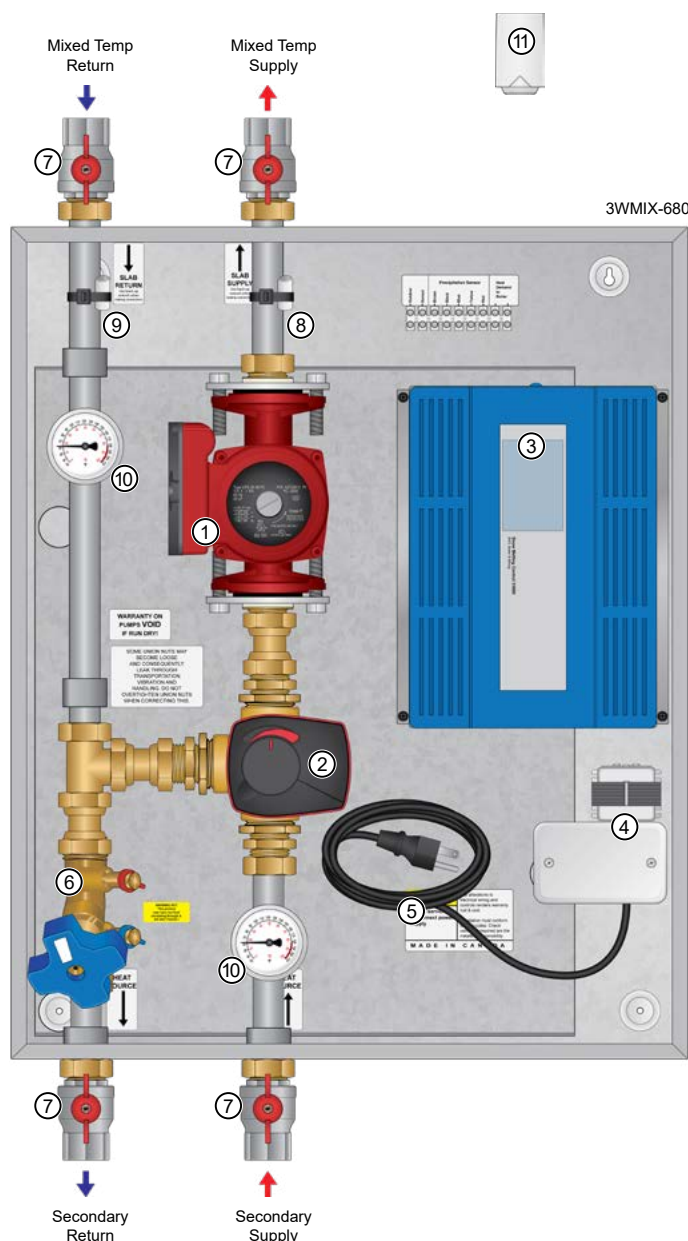
Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.
- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut off setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUB3WMIX-680](#).

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
- ⑨ Return Sensor
- ⑩ Thermometer
- ⑪ Outdoor Sensor
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
3WMIX-680	3-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt BACnet	1	ea.	\$ 17,198.00
3WMIXHH-680	3-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt BACnet	1	ea.	\$ 18,981.00

4WMIX-654 4-Way Mixing Panels w/ Snow Melt Control 4WMIX-654 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

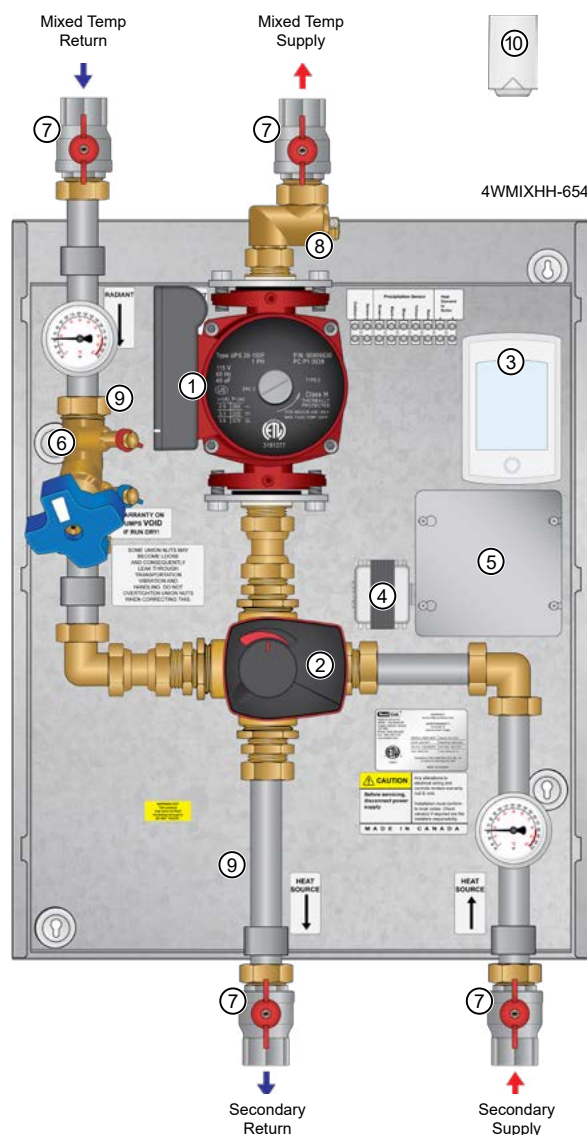
Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.
- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUB4WMIX-654](#).

Panel Components

- ① Secondary Pump
- ② 4-Way Mixing Valve and Motor
- ③ Snow Melt Control
- ④ 24Vac Transformer
- ⑤ Relay/Electrical Box
- ⑥ Balancing Valve
- ⑦ Isolation Valves
- ⑧ Supply Sensor (in well)
- ⑨ Thermometer
- ⑩ Outdoor Sensor
- ☑ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
4WMIX-654	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt	1	ea.	\$ 9,780.00
4WMIXHH-654	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt	1	ea.	\$ 11,844.00

4WMIX-680 4-Way Mixing Panels w/ BACnet Snow Melt Control 4WMIX-680 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

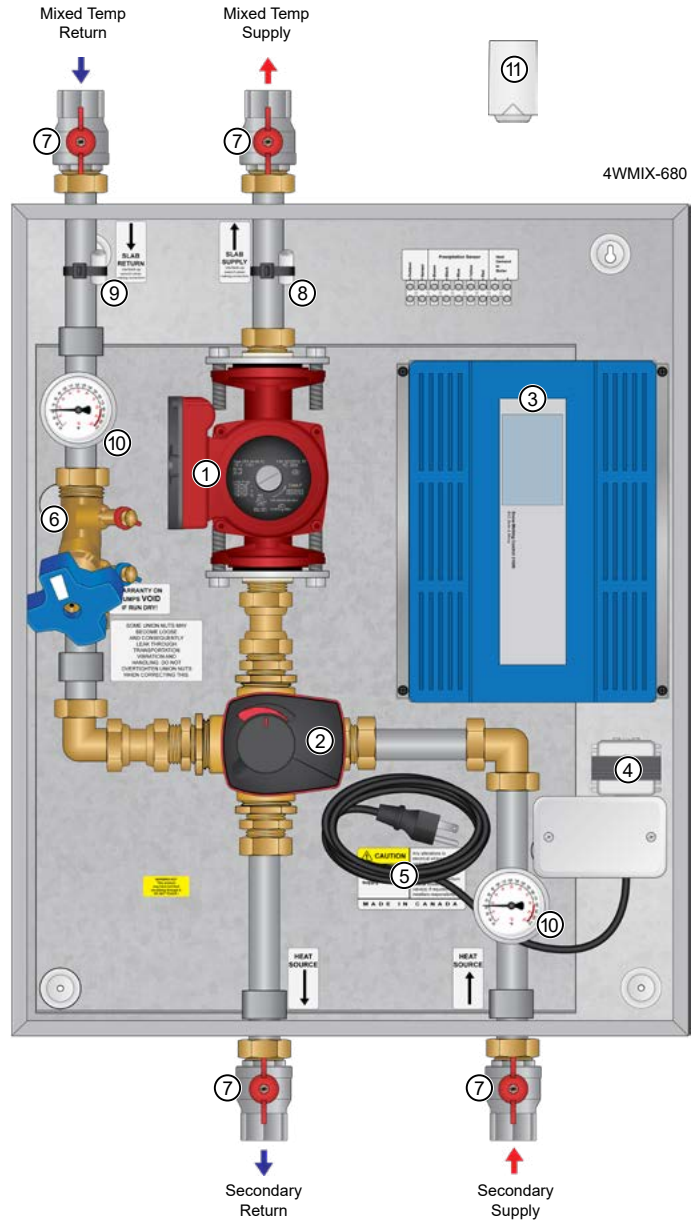
Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.
- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut off setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUB4WMIX-680](#).

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
- ⑪ Outdoor Sensor
- ☒ Panel Enclosure (not shown)



Stk#	Description	Pkg Qty	Unit	List Price / Unit
4WMIX-680	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt BACnet	1	ea.	\$ 17,198.00
4WMIXHH-680	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt BACnet	1	ea.	\$ 18,981.00

Stainless Steel Snow Melt Panels

SMP000-654 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the

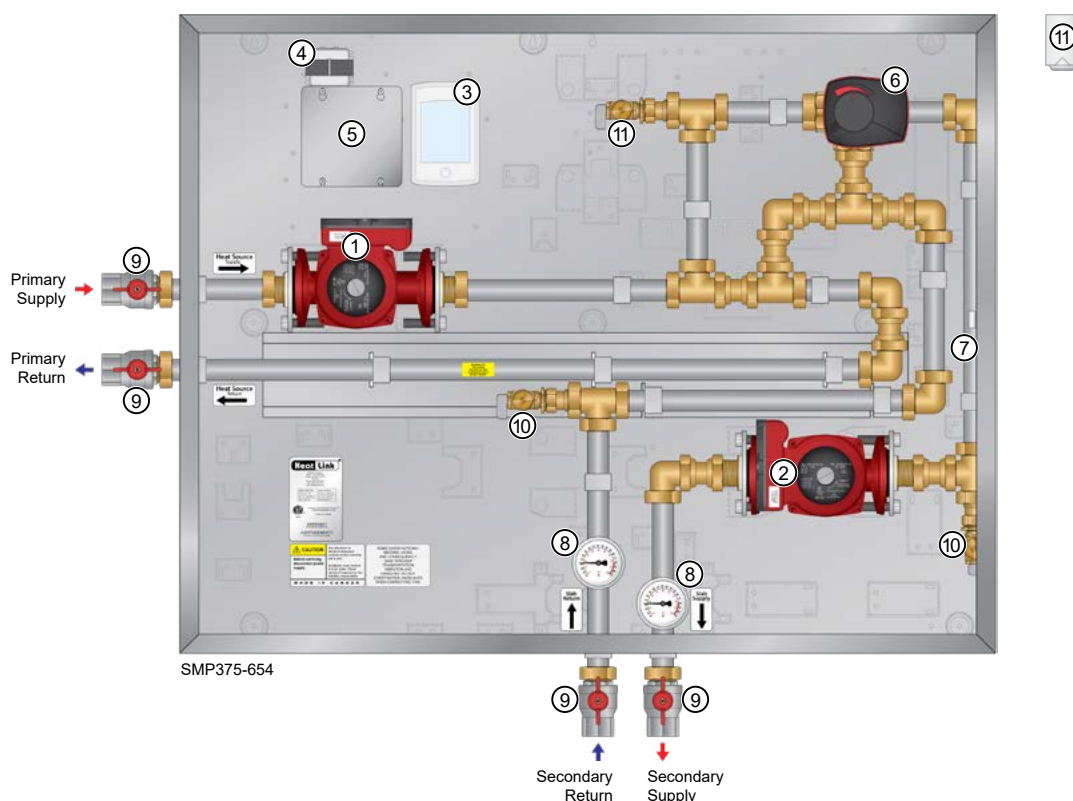
mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP375-654](#).

Panel Components

- | | | | |
|---------------------|---------------------------------|-------------------|---|
| ① Primary Pump | ④ 24Vac Transformer | ⑦ Supply Sensor | ⑩ Drain and Fill Valve |
| ② Secondary Pump | ⑤ Relay/Electrical Box | ⑧ Thermometer | ⑪ Outdoor Sensor |
| ③ Snow Melt Control | ⑥ 3-Way Mixing Valve with Motor | ⑨ Isolation Valve | ☒ Panel Cover (not shown) |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP375-654	SMP 300MBH SS Snow Melt Panel (No HEX; 30090,30091 sold sep.)	1	ea.	\$ 15,343.00
SMP375-654-H	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; 30090,30091 sold sep.)	1	ea.	\$ 16,574.00

Stainless Steel Snow Melt Panels SMP000-680 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the

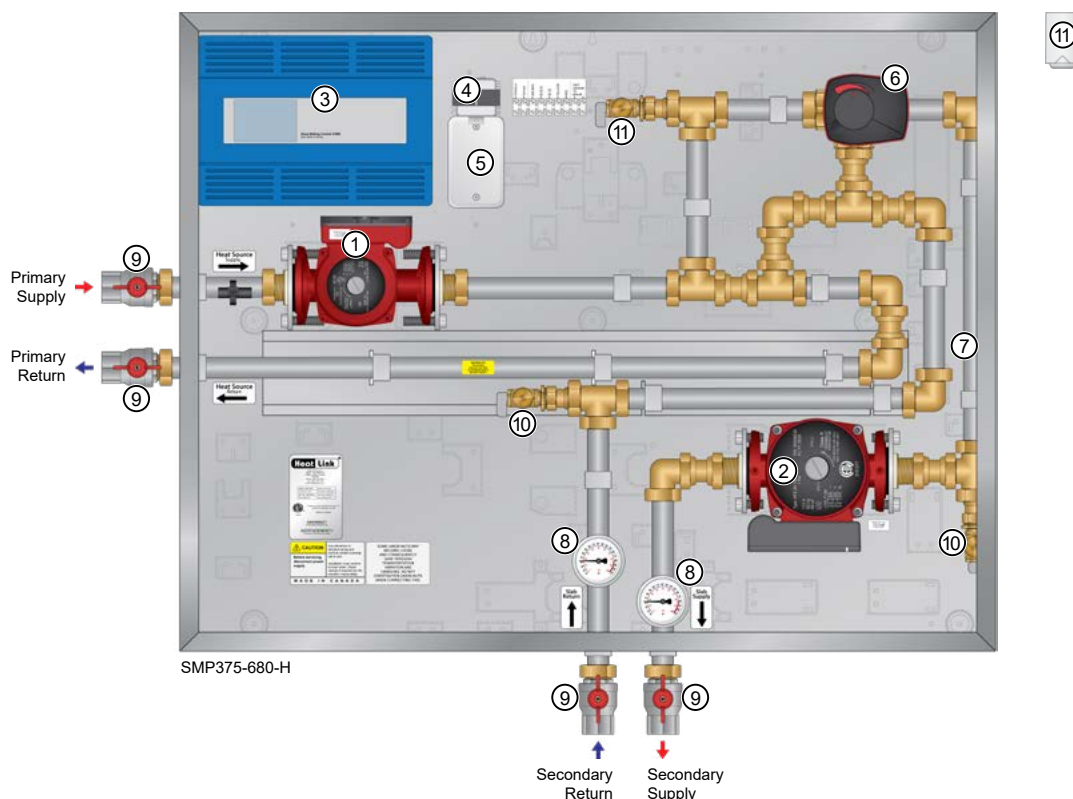
mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP375-680](#).

Panel Components

- | | | | |
|---------------------|---------------------------------|-------------------|---|
| ① Primary Pump | ④ 24Vac Transformer | ⑦ Supply Sensor | ⑩ Drain and Fill Valve |
| ② Secondary Pump | ⑤ Electrical Box | ⑧ Thermometer | ⑪ Outdoor Sensor |
| ③ Snow Melt Control | ⑥ 3-Way Mixing Valve with Motor | ⑨ Isolation Valve | ☒ Panel Cover (not shown) |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP375-680	SMP 300MBH SS Snow Melt Panel BACnet (No HEX; 30090,30091 sold sep.)	1	ea.	\$ 21,588.00
SMP375-680-H	SMP 375MBH SS Snow Melt Panel with HH Pump BAC (No HEX; 30090,30091 sold sep.)	1	ea.	\$ 22,818.00

Stainless Steel Snow Melt Panels with Heat Exchangers SMP000-654-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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the

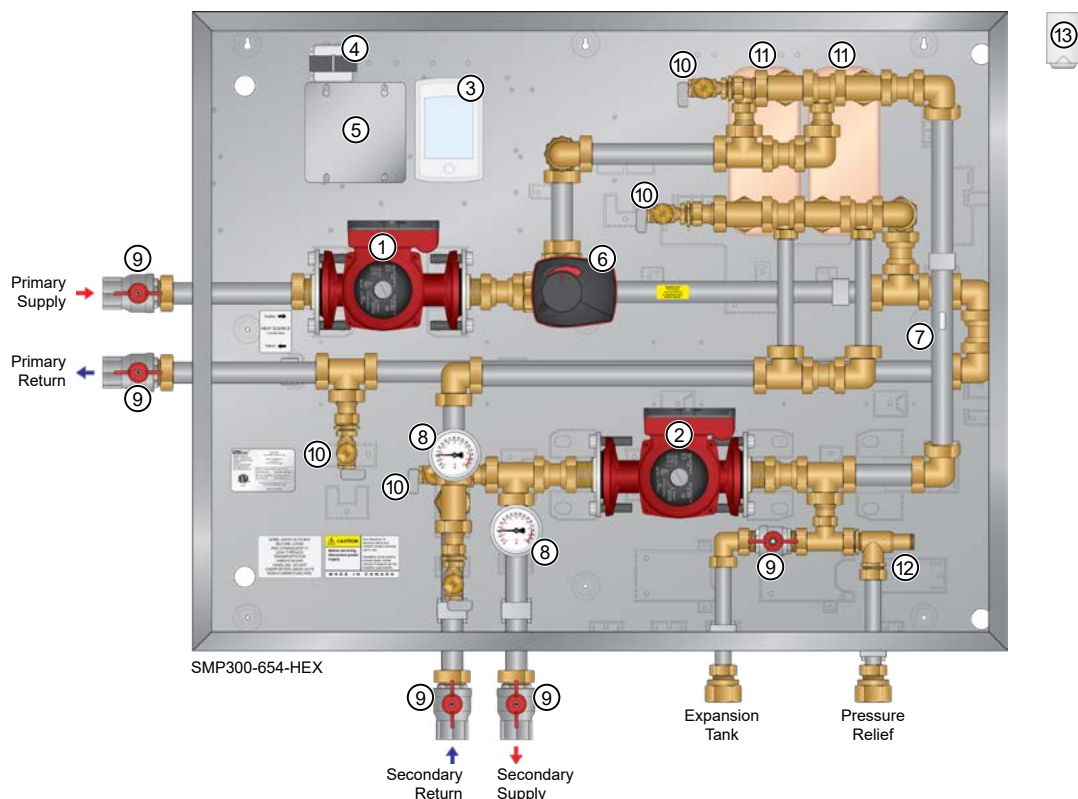
mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000-654](#).

Panel Components

- | | | | |
|---------------------|------------------------------------|------------------------|---|
| ① Primary Pump | ⑤ Relay/Electrical Box | ⑧ Thermometer | ⑫ Pressure Relief Valve |
| ② Secondary Pump | ⑥ 3-Way Diverting Valve with Motor | ⑨ Isolation Valve | ⑬ Outdoor Sensor |
| ③ Snow Melt Control | ⑦ Supply Sensor | ⑩ Drain and Fill Valve | ☒ Panel Cover (not shown) |
| ④ 24Vac Transformer | | ⑪ Heat Exchanger | |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP175-654-HEX	SMP 175MBH SS Snow Melt Panel 2×20 HEX (30090,30091 sold sep.)	1	ea.	\$ 19,387.00
SMP300-654-HEX	SMP 300MBH SS Snow Melt Panel 2×30 HEX (30090,30091 sold sep.)	1	ea.	\$ 19,703.00
SMP300-654-HEX-H	SMP 365MBH SS Snow Melt Panel 3×30 HEX & HH Pump (30090,30091 sold sep.)	1	ea.	\$ 22,072.00
SMP300-654-HEX-HH	SMP 365MBH SS Snow Melt Panel 3×30 HEX & 2×HH Pump (30090,30091 sold sep.)	1	ea.	\$ 23,982.00

Stainless Steel Snow Melt Panels with Heat Exchangers SMP000-680-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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary and Secondary Pumps, close the Auxiliary Terminals, and open the

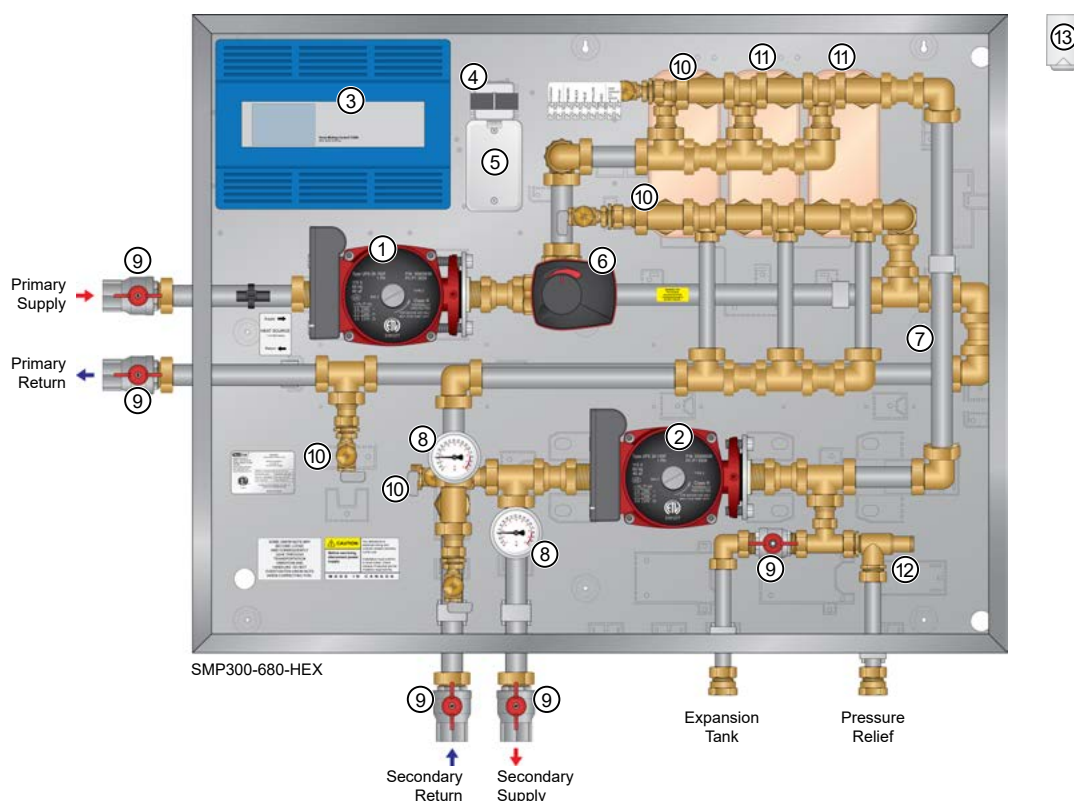
mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000-680](#).

Panel Components

- | | | | |
|---------------------|------------------------------------|------------------------|---|
| ① Primary Pump | ⑤ Electrical Box | ⑧ Thermometer | ⑫ Pressure Relief Valve |
| ② Secondary Pump | ⑥ 3-Way Diverting Valve with Motor | ⑨ Isolation Valve | ⑬ Outdoor Sensor |
| ③ Snow Melt Control | ⑦ Supply Sensor | ⑩ Drain and Fill Valve | ☒ Panel Cover (not shown) |
| ④ 24Vac Transformer | | ⑪ Heat Exchanger | |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP175-680-HEX	SMP 175MBH SS Snow Melt Panel 2×20 HEX BACnet (30090,30091 sold sep.)	1	ea.	\$ 25,631.00
SMP300-680-HEX	SMP 300MBH SS Snow Melt Panel 2×30 HEX BACnet (30090,30091 sold sep.)	1	ea.	\$ 25,948.00
SMP300-680-HEX-H	SMP 365MBH SS Snow Melt Panel 3×30 HEX & HH Pump BAC (30090,30091 sold sep.)	1	ea.	\$ 28,317.00
SMP300-680-HEX-HH	SMP 365MBH SS Snow Melt Panel 3×30 HEX & 2×HH Pump BAC (30090,30091 sold sep.)	1	ea.	\$ 30,227.00

SMP 400 MBH Snow Melt Panel without Heat Exchangers Stk# SMP400D-654

The SMP400D-654 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt

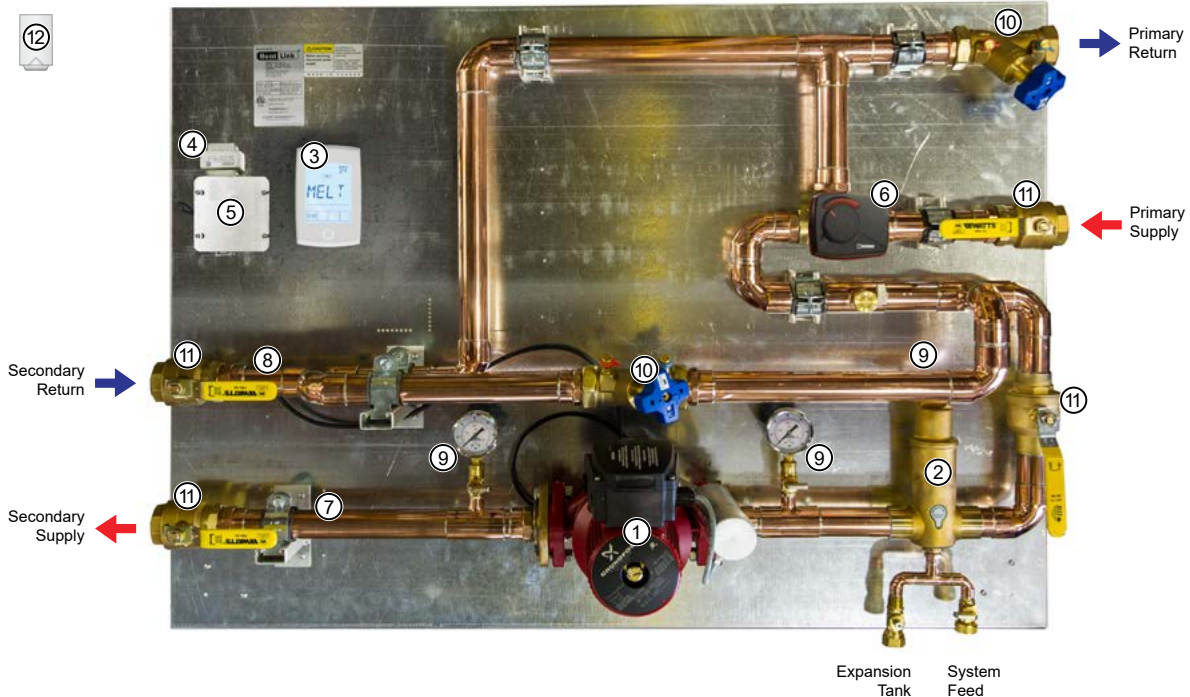
Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000D-654](#).

Panel Components

- | | | | |
|---------------------|------------------------------------|---------------------------|---|
| ① Secondary Pump | ⑤ Relay/Electrical Box | ⑧ Thermometer (not shown) | ⑫ Outdoor Sensor |
| ② Air Eliminator | ⑥ 3-Way Diverting Valve with Motor | ⑨ Pressure Gauge | ☒ Panel Enclosure and Cover (not shown) |
| ③ Snow Melt Control | ⑦ Supply Sensor (not shown) | ⑩ Balancing Valve | |
| ④ 24Vac Transformer | | ⑪ Isolation Valve | |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP400D-654	SMP 400MBH Copper Snow Melt Panel (No HEX; 30090,30091 sold sep)	1	ea.	\$ 33,255.00

SMP 400 MBH Snow Melt Panel without Heat Exchangers

Stk# SMP400D-680

The SMP400D-680 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt

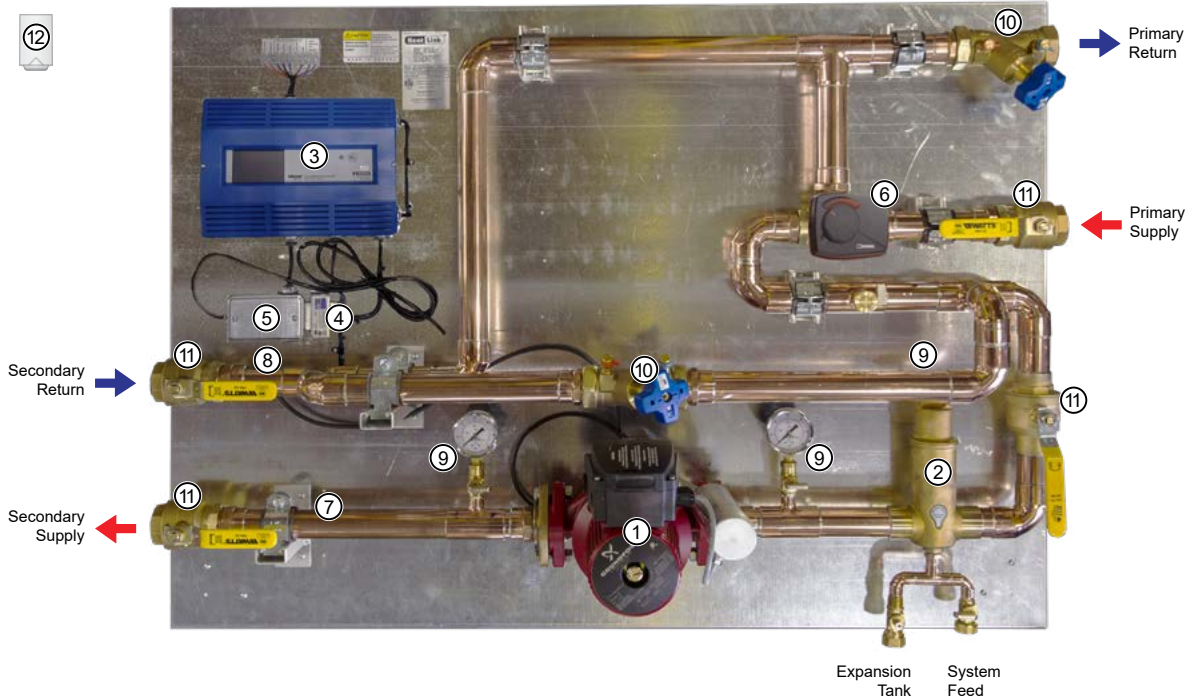
Control will activate. The Snow Melt Control will start the Secondary Pump, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the Secondary Pump, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000D-680](#).

Panel Components

- | | | | |
|---------------------|------------------------------------|---------------------------|---|
| ① Secondary Pump | ⑤ Electrical Box | ⑧ Thermometer (not shown) | ⑫ Outdoor Sensor |
| ② Air Eliminator | ⑥ 3-Way Diverting Valve with Motor | ⑨ Pressure Gauge | ☒ Panel Enclosure and Cover (not shown) |
| ③ Snow Melt Control | ⑦ Supply Sensor (not shown) | ⑩ Balancing Valve | |
| ④ 24Vac Transformer | | ⑪ Isolation Valve | |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP400D-680	SMP 400MBH Copper Snow Melt Panel BACnet (No HEX; 30090,30091 sold sep)	1	ea.	\$ 39,500.00

SMP 335-425 MBH Snow Melt Panels with Heat Exchangers SMP000 Series

The SMP335-425-654 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary

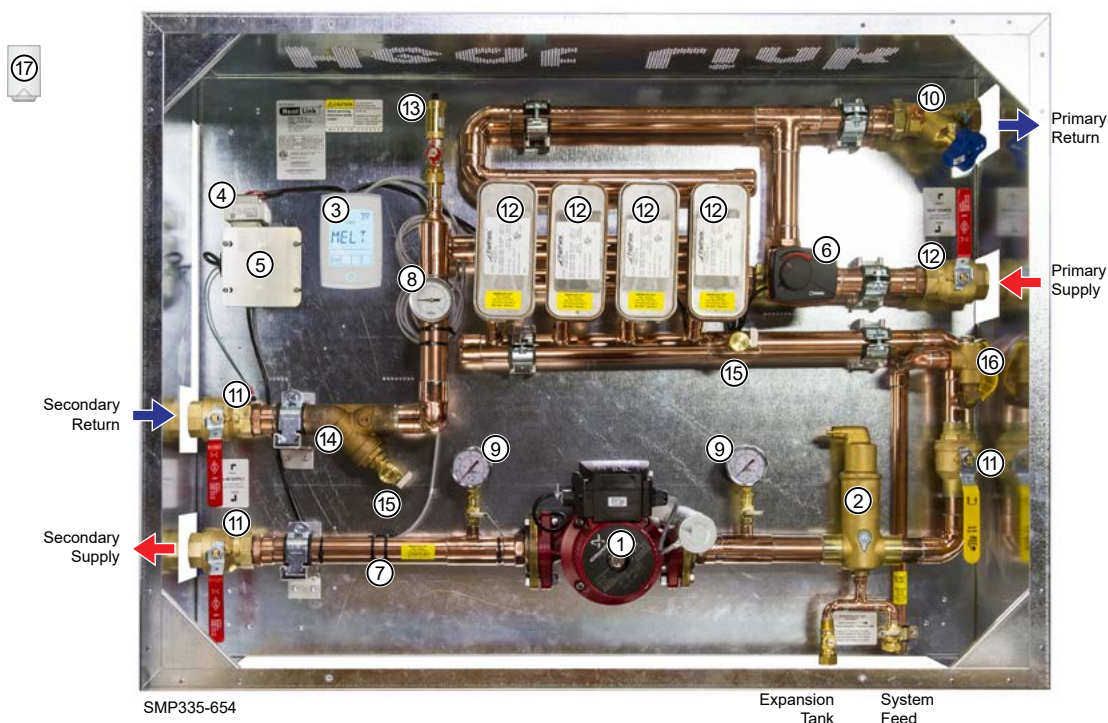
and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000-654-HEX](#).

Panel Components

- | | | | |
|------------------------|------------------------------------|----------------------|---|
| ① Secondary Pump | ⑥ 3-Way Diverting Valve with Motor | ⑩ Balancing Valve | ⑮ Drain and Fill Valve |
| ② Air Eliminator | ⑦ Supply Sensor | ⑪ Isolation Valve | ⑯ Pressure Relief Valve |
| ③ Snow Melt Control | ⑧ Thermometer | ⑫ Heat Exchanger | ⑰ Outdoor Sensor |
| ④ 24Vac Transformer | ⑨ Pressure Gauge | ⑬ Automatic Air Vent | ☒ Panel Cover (not shown) |
| ⑤ Relay/Electrical Box | | ⑭ Strainer | |



Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP335-654	SMP 335MBH Copper Snow Melt Panel 4x20 Plate HEX (30090,30091 sold sep)	1	ea.	\$ 42,692.00
SMP425-654	SMP 425MBH Copper Snow Melt Panel 4x30 Plate HEX (30090,30091 sold sep)	1	ea.	\$ 43,560.00

SMP 335-425 MBH Snow Melt Panels with Heat Exchangers SMP000-680 Series

The SMP335-425-680 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.

The snow melt control requires either the Snow/Ice Detector and Socket or Aerial Snow Detector and Slab Sensor(s), all sold separately, see [page 125](#).

Sequence of operation:

- When the temperature read by the Snow/Ice Detector and Outdoor Sensor is below warm weather shutdown setting, the Snow Melt Control will activate. The Snow Melt Control will start the Primary

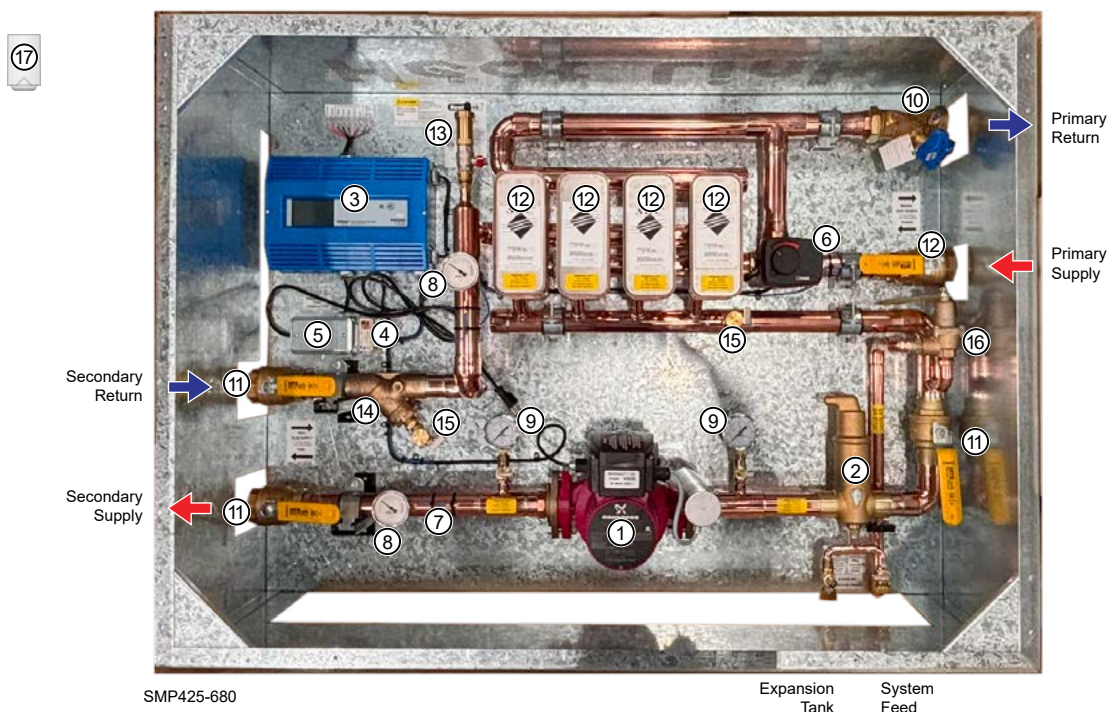
and Secondary Pumps, close the Auxiliary Terminals, and open the mixing valve to increase the slab surface temperature to the idling temperature.

- 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 slab surface temperature to the melting 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 Outdoor Sensor is below cold weather cut out setting and the slab is below freezing, the Snow Melt Control will continue to run the pumps, but open the Auxiliary Terminals.

For complete specifications, see submittal [SUBSMP000-680-HEX](#).

Panel Components

- | | | | |
|---------------------|------------------------------------|----------------------|---|
| ① Secondary Pump | ⑥ 3-Way Diverting Valve with Motor | ⑩ Balancing Valve | ⑮ Drain and Fill Valve |
| ② Air Eliminator | ⑦ Supply Sensor | ⑪ Isolation Valve | ⑯ Pressure Relief Valve |
| ③ Snow Melt Control | ⑧ Thermometer | ⑫ Heat Exchanger | ⑰ Outdoor Sensor |
| ④ 24Vac Transformer | ⑨ Pressure Gauge | ⑬ Automatic Air Vent | ☒ Panel Cover (not shown) |
| ⑤ Electrical Box | | ⑭ Strainer | |

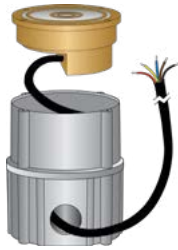


SMP425-680

Expansion
Tank

System
Feed

Stk#	Description	Pkg Qty	Unit	List Price / Unit
SMP335-680	SMP 335MBH Copper Snow Melt Panel 4x20 Plate HEX BACnet (30090,30091 sold sep)	1	ea.	\$ 48,937.00
SMP425-680	SMP 425MBH Copper Snow Melt Panel 4x30 Plate HEX BACnet (30090,30091 sold sep)	1	ea.	\$ 49,805.00



Snow/Ice Detector (Sensor)

Stk# 30090, 30091

This snow/ice sensor in conjunction with the snow melt control, 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 30654 or 31680 control.

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

Stk#	Description	Pkg Qty	Unit	List Price / Unit
30090	Snow/Ice Sensor (10K) 65 ft cable	1	ea.	\$ 2,082.61
30091	Snow/Ice Sensor Socket	1	ea.	\$ 473.31



Aerial Mounted Snow Sensor

Stk# 30095

This aerial mounted snow sensor in conjunction with a compatible snow melt control, activates a snow melting system based on moisture (snow). It mounts to a nominal 1/2" (16 mm) metal or PVC conduit or pole.

For use with snow melt panels using 30654 or 31680 control.

For complete specifications, see submittal [SUB30095](#).

Stk#	Description	Pkg Qty	Unit	List Price / Unit
30095	Aerial Mounted Snow Sensor	1	ea.	\$ 486.88



Slab Sensor

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 snow melt panels using 30654 or 31680 control.

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

Stk#	Description	Pkg Qty	Unit	List Price / Unit
30072	Slab Sensor (10K) PVC Sleeve 20ft Cable	1	ea.	\$ 280.34
30073	Slab Sensor (10K) PVC Sleeve 40ft Cable	1	ea.	\$ 476.23



J-Clips 12000 Series

Fasten tubing to joists.

For complete specifications, see submittal [SUB12000](#).

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
12052	½" & ¾" J-Clip	100	2000	ea.	\$ 0.18
12005	½" J-Clip	100	2000	ea.	\$ 0.20
12022	¾" J-Clip	100	1000	ea.	\$ 0.24
12028	1" J-Clip	50	500	ea.	\$ 0.38



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
86105	Plastic Bend Support for ¾" and ½" Tubing	1	300	ea.	\$ 2.03
86122	Plastic Bend Support for ¾" Tubing	1	400	ea.	\$ 3.82



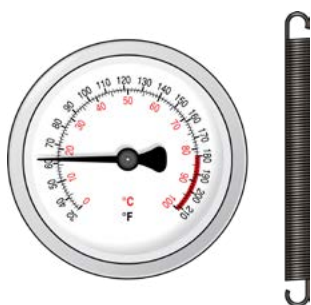
PEX-a Tubing Supports 88200 Series

HeatLink PEX-a tubing supports are self gripping galvanized steel, and are ideal for all commercial potable and hydronic installations, maintaining alignment of tubing.

The supports control the direction of expansion and prevent snaking, while allowing more space between hanger placements, saving installation time and money.

For complete specifications, see submittal [SUB88200](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
88205	½" 9ft PEX-a Tubing Support	5		ea.	\$ 26.28
88222	¾" 9ft PEX-a Tubing Support	5		ea.	\$ 29.56
88228	1" 9ft PEX-a Tubing Support	5		ea.	\$ 31.65
88235	1-¼" 9ft PEX-a Tubing Support	5		ea.	\$ 39.17
88241	1-½" 9ft PEX-a Tubing Support	5		ea.	\$ 44.41
88254	2" 9ft PEX-a Tubing Support	5		ea.	\$ 50.59



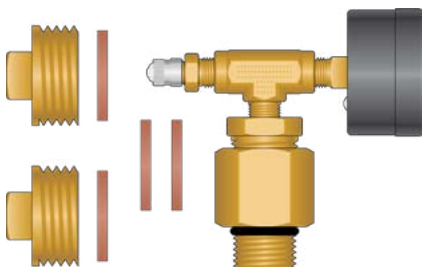
HeatLink® Strap-on Thermometer Stk# 76940

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
76940	Strap-on Thermometer	1		ea.	\$ 45.17



Pressure Test Kit Stk# 79935

Pressure test kit for use with heating manifolds.

TwistSeal® - replaces automatic air vent on cross tee for testing purposes.

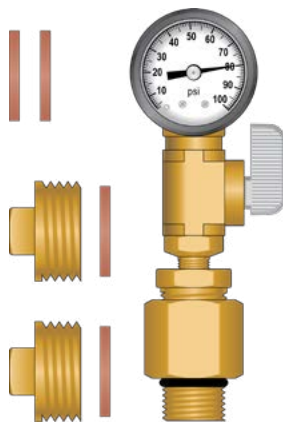
Stainless Steel - replaces a hose bib for testing purposes.

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
79935	Pressure Test Kit	1		ea.	\$ 237.75



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.

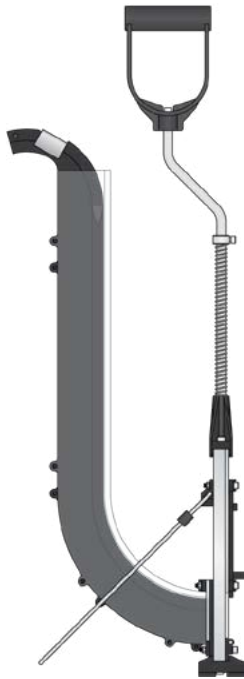
Stainless Steel - replaces a hose bib for testing purposes.

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
79965	Pressure Test Kit with Extra Valve to Zero Gauge	1		ea.	\$ 273.38

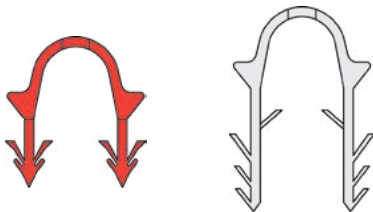


HeatLink® Deluxe Staple Gun Stk# 10230

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
10230	HeatLink® Deluxe Staple Gun	1		ea.	\$ 711.80



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
89251	300× 1-1/2" Staples for HeatLink® Deluxe Staple Gun	1	20	box	\$ 77.96
89252	300× 2" Staples for HeatLink® Deluxe Staple Gun	1	10	box	\$ 96.27



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
89244	300× 2-3/4" (60mm) Staples for Stand-up Stapler	1	20	box	\$ 72.43



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: 90 lb (40 kg)
- Max coil height: 16" (60 cm)
- Min inner coil diameter: 11-½" (29 cm)
- Max outer coil diameter: 50" (127 cm)

For complete specifications, see submittal [SUB10005](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
10005	HeatLink Galvanized PEX Tubing Dispenser	1		ea.	\$ 871.36



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
10100	HeatLink® PEX Tubing Cutters	1	50	ea.	\$ 23.58



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
10101	HeatLink Red PEX Pipe Cutter (QC ½" & ¾")	1		ea.	\$ 38.48



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
79922	Multiwrench for Manifold Nut and Base	1		ea.	\$ 18.24



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
78314	Assembly tool for TwistSeal® Mini Multiport Valves	1		ea.	\$ 15.46

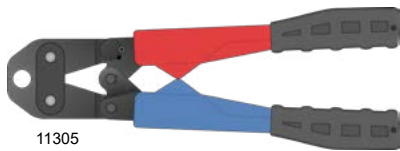


Non-Toxic Silicone O-Ring Lubricant Stk# 79951 & 79952

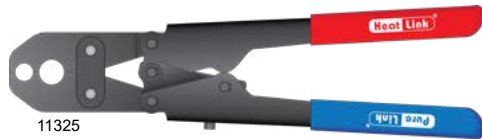
Lubrication for the manifold o-rings. Non-toxic silicone grease. Highly recommended for trouble free installation of manifold components.

For more information, see SDS alternative [L2801](#).

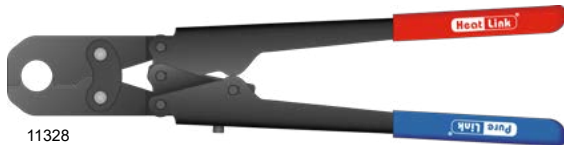
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
79951	100g Bottle Non-toxic Silicone O-ring Lubricant	1		ea.	\$ 68.87
79952	10g Bottle Non-toxic Silicone O-ring Lubricant	1		ea.	\$ 14.25



11305



11325



11328

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
11305	½" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 394.77
11322	¾" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 394.80
11325	½" & ¾" Combo Standard Press Tool for SS Sleeve	1	10	ea.	\$ 600.86
11328	1" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 610.81
11335	1-¼" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 1,031.97
11341	1-½" Standard Press Tool for SS Sleeve	1	10	ea.	\$ 1,181.53



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
11433	½" Confined Space Press Tool	1	20	ea.	\$ 436.89
11434	¾" Confined Space Press Tool	1	20	ea.	\$ 436.96



Slim-line Power Press Tool Stk# 11500

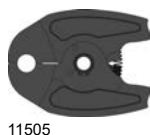
HeatLink's Slim-line Power Press Tool is designed for increased efficiency and reduced fatigue for plumbing and heating system installers. The new Slim-line tool makes larger diameter PEX connections effortless and has interchangeable jaws (sold separately) ranging from ½" to 1-½". Short pressing cycles 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
11500	Slim-line Power Press Tool	1		ea.	\$ 5,175.23



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:

- Hilti NUN 54-22
- Nibco PC-20M Mini
- Nibco PC-10M Mini
- Ridgid RP 115
- 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
11505	½" Jaws for Slim-line Power Press Tool	1	14	ea.	\$ 675.01
11522	¾" Jaws for Slim-line Power Press Tool	1	14	ea.	\$ 670.05
11528	1" Jaws for Slim-line Power Press Tool	1	14	ea.	\$ 734.04
11535	1-¼" Jaws for Slim-line Power Press Tool	1	14	ea.	\$ 738.17
11541	1-½" Jaws for Slim-line Power Press Tool	1	14	ea.	\$ 809.05



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](#).

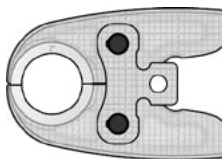
Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
11600	Power Press Tool with Pistol Grip	1		ea.	\$ 7,340.75

Jaws for Power Press Tool with Pistol Grip 11600 Series

Jaws compatible with the following third-party tools:



11628



11654W

- Hilti NPR 32-22
- Hilti NPR 32 XL-22
- 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
- Milwaukee 2922-20
- REMS 571011
- REMS 577010
- REMS 572111
- REMS 571013
- REMS 571014
- Victaulic Vic-Press™ Tool - Style PFT510

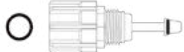
May be compatible with other third-party tools, please contact your local representative to confirm.

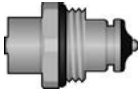
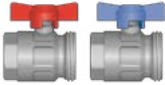
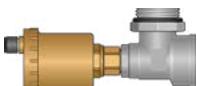
For complete specifications, see submittal [SUB11605](#).

Stk#	Description	Pkg Qty	Carton Qty	Unit	List Price / Unit
11605	½" Jaws for Power Press Tool with Pistol Grip	1	14	ea.	\$ 768.46
11622	¾" Jaws for Power Press Tool with Pistol Grip	1	14	ea.	\$ 777.25
11628	1" Jaws for Power Press Tool with Pistol Grip	1	14	ea.	\$ 824.74
11635	1-¼" Jaws for Power Press Tool with Pistol Grip	1	14	ea.	\$ 832.63
11641	1-½" Jaws for Power Press Tool with Pistol Grip	1	14	ea.	\$ 782.65
11654W	2" Jaws for Power Press Tool with Pistol Grip	1		ea.	\$ 1,725.80

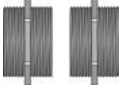
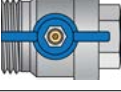
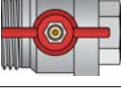
	Stk#	Description	Qty	Unit	List Price / Unit
TwistSeal® (55mm) Manifold					
	78401	TwistSeal® Deluxe (55mm) Zone Valve Supply Module (c/w o-ring)	1	ea.	\$ 147.98
	78402	TwistSeal® Deluxe (55mm) Balancing Return Module (c/w o-ring)	1	ea.	\$ 138.89
	78411	TwistSeal® (55mm) Zone Valve Replacement Cartridge c/w O-ring	1	ea.	\$ 97.50
	78911	TwistSeal® (55mm) Zone Valve Upgrade Assembly	1	ea.	\$ 93.27
	78912	TwistSeal® (55mm) Balance Valve Assembly	1	ea.	\$ 72.45
	78924	O-ring for TwistSeal® (55mm) Manifold Module O-ring #223.	5	ea.	\$ 4.92
	79901	TwistSeal® (55mm) Closed End Cap Self-sealing end piece which closes manifold.	1	ea.	\$ 17.04
	79902	1" TwistSeal® (55mm) Supply End Connection Self-sealing end-piece with 1" FNPT brass insert. (c/w o-ring).	1	ea.	\$ 97.10
	79908	TwistSeal® (55mm) Cross Tee	1	ea.	\$ 57.61
TwistSeal® Mini (40mm) Manifold					
	78210	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.	\$ 117.21
	78211	TwistSeal® Mini Deluxe (40mm) Balancing Return Module	1	ea.	\$ 100.09
	78221	TwistSeal® Mini (40mm) Zone Valve Replacement Cartridge c/w O-ring For TwistSeal® Mini (40 mm) shut-off modules.	1	ea.	\$ 48.28
	78311	TwistSeal® Mini Z.V. Rplcmnt. Cartridge for MultiportModule	1	ea.	\$ 32.12
	78312	TwistSeal® Mini Flow Meter Replacement Cartridge for 78300 Modules	1	ea.	\$ 61.42

	Stk#	Description	Qty	Unit	List Price / Unit
	78811	TwistSeal® Mini (40mm) Z.V. Upgrade Asmbl. Upgrade TwistSeal® Mini (40 mm) valveless or compression stop modules so they can accept an actuator.	1	ea.	\$ 77.72
	78812	TwistSeal® Mini (40mm) Balance Valve Assembly For TwistSeal® Mini (40 mm) modules.	1	ea.	\$ 72.85
	78923	O-ring for TwistSeal® Mini (40mm) & EasyFit™ Manifold Modules O-ring #123.	5	ea.	\$ 3.14
	79801	TwistSeal® Mini (40mm) Closed End Cap Self-sealing end-piece which closes manifold.	1	ea.	\$ 11.97
	79808	TwistSeal® Mini (40mm) Cross Tee c/w O-ring - <i>While Supplies Last</i> (c/w o-ring)	1	ea.	\$ 30.53
	79815	1" TwistSeal® Mini (40mm) Union Cross Tee End Connection (c/w o-ring)	1	ea.	\$ 106.46
	79942	Pair Thermometers for TwistSeal® Mini Union Cross Tee End Connection	1	pair	\$ 64.92
	79953	Red Rubber Gasket for 1" Union End Connection (40mm) Air Tests	1	pair	\$ 9.62
	79954	Gasket for TwistSeal® Mini (40mm) 1" Union Supply End Connection	1	pair	\$ 12.24
TwistSeal® (40 & 55mm) Manifold					
	77012	3/8" PEX to TwistSeal® Manifold Connector - <i>While Supplies Last</i>	1	pair	\$ 30.24
	77729	O-ring for PEX to TwistSeal® Manifold Connector 15x2mm o-ring for use with #77000 Series & #23000 Series.	10	ea.	\$ 1.90
	78902	Plastic Nut for TwistSeal® Manifold Modules	1	ea.	\$ 10.50
	78904	Shut-off Cap TwistSeal® - Red	1	ea.	\$ 8.02
	78905	TwistSeal® Zone Actuator Base (40mm & 55mm)	1	ea.	\$ 3.55
	78906	Balancing Valve Cap with Clip for TwistSeal® Manifold	1	ea.	\$ 18.00

	Stk#	Description	Qty	Unit	List Price / Unit
	78921	O-ring for TwistSeal® Valve Insert (40 & 55mm) - <i>While Supplies Last</i> O-ring #116.	5	ea.	\$ 1.14
	78922	O-ring for TwistSeal® Balancing Shaft - 6×2mm (Cone Side) - <i>While Supplies Last</i>	5	ea.	\$ 2.70
	79911	1/2" Cross Tee Plug For use with Cross Tee, comes complete with o-ring.	1	ea.	\$ 4.31
	79930	Metal Hose Bib System can easily be charged at manifold location. For use with the Cross Tee.	1	ea.	\$ 100.79
	79931	Manual Air Vent Used for manually removing air from system. For use with the Cross Tee.	1	ea.	\$ 14.91
	79932	Metal Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1	ea.	\$ 83.10
	79933	Manual Air Vent Key - 5mm Square, Blue Opens the manual air vent (#79931).	1	ea.	\$ 4.89
	79934	Plastic Hose Bib - <i>While Supplies Last</i> System can easily be charged at manifold location. For use with the Cross Tee.	1	ea.	\$ 38.89
	79936	Plastic Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1	ea.	\$ 31.40
	79940	Pair Thermometers c/w Well for TwistSeal® Manifolds	1	pair	\$ 149.31
	79955	O-ring for 1/2" Cross Tee Accessories - <i>While Supplies Last</i> O-ring #115.	5	ea.	\$ 0.84
1-1/4" Stainless Steel Manifold (76100 & 76200 Series)					
	76100	76100 & 76200 series Coupling for 1-1/4" Stainless Steel Manifold - <i>While Supplies Last</i>	1	ea.	\$ 57.04
	76101	76100 & 76200 series Mounting Bracket for 1-1/4" SS Manifold - <i>While Supplies Last</i>	1	ea.	\$ 46.77
	76905	76100 & 76200 series 1/2" Plug for 1-1/4" Stainless Steel Manifold - <i>While Supplies Last</i>	1	ea.	\$ 11.58
	76911	76100 & 76200 series Zone Valve Insert for 1-1/4" SS Manifold (Return) - <i>While Supplies Last</i>	1	ea.	\$ 39.77

	Stk#	Description	Qty	Unit	List Price / Unit
	76912	76200 series Balancing Valve Insert for High Flow 1-1/4" SS Manifold (Supply) - <i>While Supplies Last</i>	1	ea.	\$ 30.59
	76916	76100 series Flow Meter Valve Insert (0-1.5 USgpm Lock Nut) for 1-1/4" SS Mfd (Sup.) - <i>While Supplies Last</i> Only compatible with #76918 Manifold Connector Base.	1	ea.	\$ 69.22
	76917	76100 series Flow Meter Valve Insert (0-6 L/min) for 1-1/4" SS Manifold (New Design) - <i>While Supplies Last</i>	1	ea.	\$ 66.04
	76918	76100 series Connector Base for 1-1/4" SS Manifold (Flow Meter w/Lock Nut) Only compatible with #76916 Flow Meter with Lock Nut. - <i>While Supplies Last</i>	1	ea.	\$ 14.46
	76922	76100 & 76200 series 1" Ball Valve Set for 1-1/4" SS Manifold - <i>While Supplies Last</i>	1	set	\$ 296.59
	76925	76100 & 76200 series Black Shut-off Cap for 1-1/4" SS Manifold - <i>While Supplies Last</i>	1	ea.	\$ 6.80
	76930	76100 & 76200 series Hose Bib for 1-1/4" SS Manifold - <i>While Supplies Last</i>	1	ea.	\$ 64.30
	76932	Automatic Air Vent for 1-1/4" SS Manifold - <i>While Supplies Last</i>	1	ea.	\$ 50.66
	76935	76100 & 76200 series Side Mount Automatic Air Vent Set for 1-1/4" Stainless Steel Manifold - <i>While Supplies Last</i>	1	ea.	\$ 123.06
1-1/4" Stainless Steel Manifold Connectors					
	77120	20mm PEX to 1-1/4" SS Manifold Connector	1	pair	\$ 39.06
	77305	1/2" PEX Insert to 1-1/4" SS Manifold Connector - <i>While Supplies Last</i> Not compatible with 75100/75200 Series Manifolds.	1	pair	\$ 29.73
1-1/4" Stainless Steel Manifold (75100 & 75200 Series)					
	76950	Flow Meter Valve Insert (0-2 USgpm Lock Nut) for 1-1/4" SS Mfd (Sup.)	1	ea.	\$ 69.22
	76951	Connector Base for 1-1/4" SS Manifold (Flow Meter w/Lock Nut)	1	ea.	\$ 14.01
	76952	Connector Base for 1-1/4" SS Manifold	1	ea.	\$ 14.04
	76953	Balancing Valve Insert for 1-1/4" High Flow SS Manifold (Supply)	1	ea.	\$ 29.64

	Stk#	Description	Qty	Unit	List Price / Unit
	76954	Zone Valve Insert for 1-1/4" SS Manifold (Return)	1	ea.	\$ 38.53
	76956	1-1/4" EPDM Gasket	10	ea.	\$ 4.79
	76958	O-ring for 1-1/4" SS Manifold 1/2" G Accessories	10	ea.	\$ 2.61
	76959	O-ring for 1-1/4" SS Manifold 1" G Connections	10	ea.	\$ 3.90
	76960	Blue Shut-off Cap for 1-1/4" SS Manifold	1	ea.	\$ 6.80
	76961	Mounting Bracket for 1-1/4" SS Manifold	1	pair	\$ 46.77
	76972	Hose Bib for SS Manifold	1	ea.	\$ 39.25
	76973	1" Ball Valve Set for 1-1/4" SS Manifold Comes with two gaskets.	1	set	\$ 204.25
	76974	Pair of Thermometers for 75100/75200 Series Manifolds	1	pair	\$ 39.08
1-1/2" Stainless Steel Manifold (76700 Series)					
	76966	EPDM Gasket for 1-1/2" SS Manifold End Cap	10	ea.	\$ 5.30
	76967	2" EPDM Gasket	10	ea.	\$ 5.30
	76968	Mounting Brackets for 1-1/2" SS Manifold, Low Type	1	ea.	\$ 71.15
	76969	Mounting Brackets for 1-1/2" SS Manifold, High Type	1	ea.	\$ 78.86
	76970	Flow Meter 2-8 US GPM	1	ea.	\$ 245.93
	76971	Ball Valve for 1-1/2" SS Manifold Gasket (NTRWSH1) sold separately.	1	ea.	\$ 76.16

	Stk#	Description	Qty	Unit	List Price / Unit
2" Stainless Steel Manifold (76600 Series)					
	76600	Coupling for 2" SS Manifold - <i>While Supplies Last</i>	1	pair	\$ 167.05
	76681B	3/4" Ball Valve for 2" SS Manifold - Blue Handle	1	ea.	\$ 38.95
	76681R	3/4" Ball Valve for 2" SS Manifold - Red Handle	1	ea.	\$ 38.95
	77600	O-Ring for 2" Manifold PEX Connecters - <i>While Supplies Last</i>	1	ea.	\$ 1.60
	77619	5/8" PEX to 2" SS Manifold Connector - <i>While Supplies Last</i>	1	pair	\$ 59.62
	77622	3/4" PEX to 2" SS Manifold Connector - <i>While Supplies Last</i>	1	pair	\$ 59.80
	77628	1" PEX to 2" SS Manifold Connector - <i>While Supplies Last</i>	1	pair	\$ 80.95
Housings					
	71903	Flat Key Lock for Recessed Housing Door Replacement key lock with flat lever for 71700 series recessed manifold housings with door frame.	1	ea.	\$ 50.88
PEX Compression Couplings					
	69296	20 × 16mm PEX Comp. Coupling Couples 20x2 mm PEX tubing to 16x2 mm (1/2" compatible) PEX tubing.	2	ea.	\$ 47.10
Valves - 3-Way Mixing					
	63026.1	1" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 131.38
	63542.1	1-1/4" and 1-1/2" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 118.49
	63551.1	2" 3- & 4-Way Valve Shaft & Seal Kit	1	ea.	\$ 118.49
Valves					
	64950	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

	Stk#	Description	Qty	Unit	List Price / Unit
Mixing Valve Motors					
	58130.1	Adapter for HeatLink 1"- 2" Rotary Actuator to WITA Valve	1	ea.	\$ 200.24
	58850	AccssryPack #58150 v2 Mounted on Black CastIronMixingVlv - <i>While Supplies Last</i>	1	ea.	\$ 43.54
	58199	Mixing Valve Motor for 2-1/2" to 4" Flange Mixing Valves - <i>While Supplies Last</i>	1	ea.	\$ 549.98
	58200.1	Metal Drive Sleeve for 58200 / 58300 Mixing Valve Motor	1	ea.	\$ 169.59
Actuators					
	56090	TwistSeal® Manifold Actuator Ring - <i>While Supplies Last</i>	1	ea.	\$ 4.68
	56091	Valve Actuator Ring - <i>While Supplies Last</i>	1	ea.	\$ 5.93
Relays					
	45032	8 Pin Round Socket for AC Relay - <i>While Supplies Last</i>	1	ea.	\$ 43.08
System Controls					
	ETO2SMCNTR	Snowmelt Control - DDC (Spare parts for #SMCP) - <i>Call for Availability</i>	1	ea.	\$ 2,115.52
Sensors					
	DRVWSNS-SS	Driveway Sensor for SMP Panels	1	ea.	\$ 2,238.94
	ETF-144/99A	Slab Sensor (12k) PVC Sleeve 8ft Cable for ETO2SMCNTR SnowmeltController	1	ea.	\$ 180.80
	ETF-1733/44/55	Optional Outdoor Sensor for SMCP & SMP Panels	1	ea.	\$ 373.53
	ETF1899ASNS	Sensor NTC 12K (Spare parts for #SMCP) - Special Order**	1	ea.	\$ 156.13
Tools					
	11328.1	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge - <i>While Supplies Last</i>	1	ea.	\$ 29.65
	11328.2	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	1	ea.	\$ 29.65

	Stk#	Description	Qty	Unit	List Price / Unit
	11335.1	1-1/4" Standard Press Tool for SS Sleeve - Go-No-Go Gauge - <i>While Supplies Last</i>	1	ea.	\$ 24.16
	11433.1	Confined Space Tool Gauge (All Sizes)	1	ea.	\$ 13.95
	11438	E-Clips for Confined Space Tools (12 per bag) For 11433, 11434, and 11435.	1	bag	\$ 22.91
	11439	Rebuild Kit for Confined Space Tool For 11433 and 11434.	1	ea.	\$ 64.83
	11901	Replacement Retaining Rings for Press Tools (10 per bag) For 11305, 11322, 11325, 11328, 11335, 11341, 11405, and 11422.	1	bag	\$ 14.95
	11902	Rebuild Kit for Straight 1/2" & 3/4" Press Tools For metal and composite handle 11305 and 11322.	1	ea.	\$ 127.86
	11903	Rebuild Kit for 1", 1-1/4" Angle, Straight and Combo Press Tools For 11325, 11328, 11335, 11341, 11405, and 11422.	1	ea.	\$ 132.40
Mechanical Room in a Box					
	NTRWSH1	1" x 3mm Blk Nitrile Washer for Panels	5	ea.	\$ 4.75
	NTRWSH1-SRV	1" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)	5	ea.	\$ 6.53
	NTRWSH34	3/4" x 3mm Blk Nitrile Washer for Panels	5	ea.	\$ 2.57
	NTRWSH34-SRV	3/4" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)	5	ea.	\$ 2.13
	PLC1R2	Controller for TMP040/070, SMP, ZMP, ELB and old SSP/SST	1	ea.	\$ 1,281.28
	PLC4AR2	Controller for TMP085DP, TMP200DT	1	ea.	\$ 1,458.64
	PLC5R2	Controller for TWH070Z using FLWSWTCH	1	ea.	\$ 1,707.54
	PLC6R2P3	Controller for CDP Panels with 3 Pumps - <i>Call for Availability</i>	1	ea.	\$ 1,618.49

	Stk#	Description	Qty	Unit	List Price / Unit
	PLC6R2P4	Controller for CDP Panels with 4 Pumps - <i>Call for Availability</i>	1	ea.	\$ 1,631.43
	PLC7R1P1	Controller for WHP using HEPPS	1	ea.	\$ 1,977.78
	PLC7R1P2	Controller for HEP using HEPPS	1	ea.	\$ 1,977.78
	PLC7R1P2-TWH	Controller for TWH (except for Z models) using HEPPS	1	ea.	\$ 2,094.24
	PLC7R2P1	Controller for WHP using FLWSWTCH	1	ea.	\$ 1,336.31
	PLC7R2P2	Controller for HEP, TWH (except Z) using FLWSWTCH	1	ea.	\$ 1,336.92
	PWRB6R2	Power Box for CDP Panels - <i>While Supplies Last</i>	1	ea.	\$ 1,202.45
	PLINTR40VA	24Vac 40VA Plug-in Transformer for Panels	1	ea.	\$ 187.95
	CHVLV20	Check Valve for UPS15-58 Pump	1	ea.	\$ 36.60
	PUMP1558	UPS15-58CIL2 Composite 115V Pump	1	ea.	\$ 524.21
	PUMP2699	UPS26-99FC 115V Cast Iron Pump	1	ea.	\$ 1,241.58
	PUMP2699BR	UPS26-99BFC 115V Bronze Pump	1	ea.	\$ 1,990.09
ELBP Panels					
	AHP5500W240ELE	5500W-240V Element for AHSD11D	1	ea.	\$ 145.13
	AHSFLWMTR	Flow Meter Turbine for AHSD or S-7 Electric Boiler	1	ea.	\$ 207.67

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
01205	1L Corrosion Inhibitor (Molybdate Based)		1	bottle	\$ 120.15	86
02330	1-¼" Magnetic Dirt Separator		1	ea.	\$ 460.39	86
10005	HeatLink Galvanized PEX Tubing Dispenser		1	ea.	\$ 871.36	129
10091	Dispenser Pin Set For Narrow PEX Coils	WSL	1	set	\$ 264.85	
10100	HeatLink® PEX Tubing Cutters		1	ea.	\$ 23.58	129
10101	HeatLink Red PEX Pipe Cutter (QC ½" & ¾")		1	ea.	\$ 38.48	129
10230	HeatLink® Deluxe Staple Gun		1	ea.	\$ 711.80	128
11305	½" Standard Press Tool for SS Sleeve		1	ea.	\$ 394.77	131
11322	¾" Standard Press Tool for SS Sleeve		1	ea.	\$ 394.80	131
11325	½" & ¾" Combo Standard Press Tool for SS Sleeve		1	ea.	\$ 600.86	131
11328	1" Standard Press Tool for SS Sleeve		1	ea.	\$ 610.81	131
11328.1	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	WSL; see 11328.2	1	ea.	\$ 29.65	140
11328.2	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge		1	ea.	\$ 29.65	140
11335	1-¼" Standard Press Tool for SS Sleeve		1	ea.	\$ 1,031.97	131
11335.1	1-¼" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	WSL	1	ea.	\$ 24.16	141
11341	1-½" Standard Press Tool for SS Sleeve		1	ea.	\$ 1,181.53	131
11433	½" Confined Space Press Tool		1	ea.	\$ 436.89	131
11433.1	Confined Space Tool Gauge (All Sizes)		1	ea.	\$ 13.95	141
11434	¾" Confined Space Press Tool		1	ea.	\$ 436.96	131
11438	E-Clips for Confined Space Tools (12 per bag)		1	bag	\$ 22.91	141
11439	Rebuild Kit for Confined Space Tool		1	ea.	\$ 64.83	141
11500	Slim-line Power Press Tool		1	ea.	\$ 5,175.23	132
11505	½" Jaws for Slim-line Power Press Tool		1	ea.	\$ 675.01	132
11522	¾" Jaws For Slim-line Power Press Tool		1	ea.	\$ 670.05	132
11528	1" Jaws for Slim-line Power Press Tool		1	ea.	\$ 734.04	132
11535	1-¼" Jaws for Slim-line Power Press Tool		1	ea.	\$ 738.17	132
11541	1-½" Jaws for Slim-line Power Press Tool		1	ea.	\$ 809.05	132
11600	Power Press Tool with Pistol Grip		1	ea.	\$ 7,340.75	133
11605	½" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 768.46	133
11622	¾" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 777.25	133
11628	1" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 824.74	133
11635	1-¼" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 832.63	133
11641	1-½" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 782.65	133
11654W	2" Jaws for Power Press Tool with Pistol Grip		1	ea.	\$ 1,725.80	133
11901	Replacement Retaining Rings for Press Tools (10 per bag)		1	bag	\$ 14.95	141
11902	Rebuild Kit for Straight ½" & ¾" Press Tools		1	ea.	\$ 127.86	141
11903	Rebuild Kit for 1", 1-¼" Angle, Straight and Combo Press Tools		1	ea.	\$ 132.40	141
12005	½" J-Clip		100	ea.	\$ 0.20	126
12022	¾" J-Clip		100	ea.	\$ 0.24	126
12028	1" J-Clip		50	ea.	\$ 0.38	126
12052	½" & ¾" J-Clip	New!	100	ea.	\$ 0.18	126
13202M	2 Port, ¾" PEX × Closed End HPP Mini Multiport Tee		5	ea.	\$ 8.284	13
13203M	3 Port, ¾" PEX × Closed End HPP Mini Multiport Tee		5	ea.	\$ 11.265	13
13204	4 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee		5	ea.	\$ 40.517	13
13204M	4 Port, ¾" PEX × Closed End HPP Mini Multiport Tee		5	ea.	\$ 14.289	13
13206	6 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee		5	ea.	\$ 49.573	13
13208	8 Port Single Row, ¾" PEX × Closed End HPP Multiport Tee		5	ea.	\$ 77.069	13
14202M	2 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 8.924	14
14203M	3 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 11.802	14
14204	4 Port Single Row, ¾" PEX × ¾" PEX Flow Through HPP Multiport Tee		5	ea.	\$ 30.341	14
14204M	4 Port, ¾" PEX × ¾" PEX Flow Through HPP Mini Multiport Tee		5	ea.	\$ 14.738	14

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
14704	4 Port Single Row, 1" PEX x 3/4" PEX Flow Through HPP Multiport Tee		5	ea.	\$ 31.454	14
15005	1/2" PEX HPP Plug		25	ea.	\$ 0.793	25
15022	3/4" PEX HPP Plug		25	ea.	\$ 1.295	25
15028	1" PEX HPP Plug		5	ea.	\$ 2.149	25
16222	3/4" x 3/4" x 3/4" PEX HPP Tee		25	ea.	\$ 3.059	23
16225	3/4" x 3/4" x 1/2" PEX HPP Tee		25	ea.	\$ 2.826	23
16228	3/4" x 3/4" x 1" PEX HPP Tee		5	ea.	\$ 6.510	23
16252	3/4" x 1/2" x 3/4" PEX HPP Tee		25	ea.	\$ 2.986	23
16255	3/4" x 1/2" x 1/2" PEX HPP Tee		25	ea.	\$ 2.358	23
16552	1/2" x 1/2" x 3/4" PEX HPP Tee		25	ea.	\$ 2.501	23
16555	1/2" x 1/2" x 1/2" PEX HPP Tee		25	ea.	\$ 1.988	23
16822	1" x 3/4" x 3/4" PEX HPP Tee		5	ea.	\$ 6.738	23
16828	1" x 3/4" x 1" PEX HPP Tee		5	ea.	\$ 6.355	23
16882	1" x 1" x 3/4" PEX HPP Tee		5	ea.	\$ 6.136	23
16885	1" x 1" x 1/2" PEX HPP Tee		10	ea.	\$ 5.996	23
16888	1" x 1" x 1" PEX HPP Tee		10	ea.	\$ 7.893	23
17505	1/2" PEX x 1/2" MNPT HPP Adapter		25	ea.	\$ 2.295	19
17522	3/4" PEX x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.976	19
17552	1/2" PEX x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.886	19
17755	1/2" PEX x 1/2" FNPT Swivel HPP Adapter		25	ea.	\$ 2.873	21
18005	1/2" x 1/2" PEX HPP Elbow		25	ea.	\$ 1.409	18
18022	3/4" x 3/4" PEX HPP Elbow		25	ea.	\$ 2.383	18
18028	1" x 1" PEX HPP Elbow		10	ea.	\$ 5.562	18
18225	3/4" x 1/2" PEX HPP Elbow		10	ea.	\$ 2.220	18
18605	1/2" PEX x 1/2" FNPT HPP Swivel Elbow	WSL	25	ea.	\$ 2.766	21
19005	1/2" x 1/2" PEX HPP Coupling		25	ea.	\$ 1.103	17
19022	3/4" x 3/4" PEX HPP Coupling		25	ea.	\$ 1.710	17
19028	1" x 1" PEX HPP Coupling		10	ea.	\$ 3.303	17
19225	3/4" x 1/2" PEX HPP Coupling		25	ea.	\$ 1.361	17
19282	1" x 3/4" PEX HPP Coupling		5	ea.	\$ 3.185	17
20105	1/2" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 92.800	5
20105BW	1/2" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 92.800	7
20122	3/4" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 171.600	5
20122BW	3/4" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 171.600	7
20128	1" 100ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 286.200	46, 5
20128BW	1" 100ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 286.200	7
20135	1-1/4" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 609.300	9
20145	1-1/2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 801.200	9
20154	2" 100ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 1,600.400	9
20205	1/2" 20x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 371.200	5
20205BW	1/2" 20x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 371.200	7
20222	3/4" 10x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 343.200	5
20222BW	3/4" 10x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 343.200	7
20228	1" 5x20ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 286.200	5
20228BW	1" 5x20ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 286.200	7
20235	1-1/4" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 609.300	9
20245	1-1/2" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 801.200	9
20254	2" 5x20ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 1,600.400	9
20305	1/2" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 278.400	46, 5
20305BW	1/2" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 278.400	7
20322	3/4" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 514.800	46, 5

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
20322BW	¾" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 514.800	7
20328	1" 300ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 858.600	46, 5
20328BW	1" 300ft Blue Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 858.600	7
20335	1-¼" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 1,827.900	9
20345	1-½" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 2,403.600	9
20354	2" 300ft PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 4,801.200	9
20405	½" 25×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 278.400	5
20422	¾" 10×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 205.920	5
20428	1" 5×12ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 171.720	5
20435	1-¼" 5×12ft PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 365.580	9
20505	½" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 464.000	46, 5
20522	¾" 500ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 858.000	46, 5
20905	½" 1000ft Blue PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 928.000	46, 5
21105	½" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 92.800	6
21105RW	½" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 92.800	8
21122	¾" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 171.600	6
21122RW	¾" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 171.600	8
21128	1" 100ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 286.200	6
21128RW	1" 100ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 286.200	8
21205	½" 20×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 371.200	6
21205RW	½" 20×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 371.200	8
21222	¾" 10×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 343.200	6
21222RW	¾" 10×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 343.200	8
21228	1" 5×20ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 286.200	6
21228RW	1" 5×20ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 286.200	8
21305	½" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 278.400	6
21305RW	½" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 278.400	8
21322	¾" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 514.800	6
21322RW	¾" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 514.800	8
21328	1" 300ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 858.600	6
21328RW	1" 300ft Red Wall PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 858.600	8
21405	½" 25×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 278.400	6
21422	¾" 10×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	bundle	\$ 205.920	6
21428	1" 5×12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	New!	1	bundle	\$ 171.720	6
21505	½" 500ft Red PureLink® Plus UV Stabilized PEX-a Tubing		1	coil	\$ 464.000	6
23015	½" PEX Insert Manifold Connector		5	ea.	\$ 6.60	52
23032	¾" PEX Insert Manifold Connector c/w Nut		5	ea.	\$ 8.82	52
23305NL	½" PEX F1807 No Lead Brass Ball Valve, Full Port		10	ea.	\$ 8.891	27
23305NL-BF	½" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port		10	ea.	\$ 8.891	28
23305NL-D	½" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port		10	ea.	\$ 9.964	28
23322NL	¾" PEX F1807 No Lead Brass Ball Valve, Full Port		10	ea.	\$ 12.491	28
23322NL-BF	¾" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port		10	ea.	\$ 12.491	28
23322NL-D	¾" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port		10	ea.	\$ 14.537	28
23328NL	1" PEX F1807 No Lead Brass Ball Valve, Full Port		6	ea.	\$ 19.880	27
23328NL-BF	1" PEX F1807 No Lead Brass Ball Valve with Butterfly Handle, Full Port		6	ea.	\$ 19.880	28
23328NL-D	1" PEX F1807 No Lead Brass Ball Valve with Drain, Full Port		10	ea.	\$ 22.267	28
23335NL	1-¼" PEX F1807 No Lead Brass Ball Valve, Full Port		4	ea.	\$ 35.636	27
23341NL	1-½" PEX F1807 No Lead Brass Ball Valve, Full Port		2	ea.	\$ 50.755	27
23354NL	2" PEX F1807 No Lead Brass Ball Valve, Full Port		2	ea.	\$ 73.292	27
23405NL	½" PEX × ½" No Lead M/Sweat Straight Ball Valve	WSL	24	ea.	\$ 11.150	
23505NL	½" PEX × ¾" O.D. No Lead Brass Plated Straight Ball Valve	WSL	24	ea.	\$ 27.430	26

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
23505NLB	½" PEX × ¾" O.D. No Lead Brass Plated Straight Ball Valve		20	ea.	\$ 9.140	27
23605NL	½" PEX × ¾" O.D. No Lead Brass Plated Angle Ball Valve	WSL	24	ea.	\$ 27.694	26
23605NLB	½" PEX × ¾" O.D. No Lead Brass Plated Angle Ball Valve		20	ea.	\$ 9.604	27
23705NL	½" PEX Straight No Lead Brass Ball Valve	WSL	24	ea.	\$ 29.222	26
23722NL	¾" PEX Straight No Lead Brass Ball Valve	WSL	24	ea.	\$ 36.800	26
23772NL	¾" PEX No Lead Stop and Waste Valve	WSL	12	ea.	\$ 38.470	
23775NL	½" PEX No Lead Stop and Waste Valve	WSL	24	ea.	\$ 28.032	
23822NL	¾" PEX F1807 × ¾" MNPT No Lead Brass Ball Valve		10	ea.	\$ 14.404	28
23905NL	½" PEX × ¼" O.D. No Lead Straight Ball Valve	Discontinued; see 23905NLB	24	ea.	\$ 30.039	
23905NLB	½" PEX × ¼" O.D. No Lead Straight Ball Valve		20	ea.	\$ 8.826	27
24205	½" SS Press Sleeve		100	ea.	\$ 0.503	12
24222	¾" SS Press Sleeve		50	ea.	\$ 0.764	12
24228	1" SS Press Sleeve		50	ea.	\$ 1.537	12
24235	1-¼" SS Press Sleeve		10	ea.	\$ 6.010	12
24241	1-½" SS Press Sleeve		10	ea.	\$ 7.179	12
24250	2" SS Press Sleeve		10	ea.	\$ 9.107	12
25005NL	½" PEX No Lead Brass Plug		25	ea.	\$ 2.127	25
25022NL	¾" PEX No Lead Brass Plug		25	ea.	\$ 3.051	25
25028NL	1" PEX No Lead Brass Plug		5	ea.	\$ 4.468	25
25035NL	1-¼" PEX No Lead Brass Plug		5	ea.	\$ 11.709	25
25041NL	1-½" PEX No Lead Brass Plug		5	ea.	\$ 55.072	25
25054NL	2" PEX No Lead Brass Plug		5	ea.	\$ 57.590	25
25751NL	½" PEX × ¾" O.D. No Lead Brass Adapter		5	ea.	\$ 4.547	21
26222NL	¾" × ¾" × ¾" PEX No Lead Brass Tee		25	ea.	\$ 7.165	23
26225NL	¾" × ¾" × ½" PEX No Lead Brass Tee		25	ea.	\$ 6.992	24
26252NL	¾" × ½" × ¾" PEX No Lead Brass Tee		25	ea.	\$ 7.136	24
26255NL	¾" × ½" × ½" PEX No Lead Brass Tee		25	ea.	\$ 6.987	24
26332NL	1-¼" × 1-¼" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 35.384	24
26333NL	1-¼" × 1-¼" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 36.701	23
26335NL	1-¼" × 1-¼" × ½" PEX No Lead Brass Tee		5	ea.	\$ 31.658	24
26338NL	1-¼" × 1-¼" × 1" PEX No Lead Brass Tee		5	ea.	\$ 42.675	24
26382NL	1-¼" × 1" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 36.090	24
26388NL	1-¼" × 1" × 1" PEX No Lead Brass Tee		5	ea.	\$ 39.850	24
26422NL	1-½" × ¾" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 38.925	24
26432NL	1-½" × 1-¼" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 61.315	24
26433NL	1-½" × 1-¼" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 49.588	24
26442NL	1-½" × 1-½" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 49.036	24
26443NL	1-½" × 1-½" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 55.686	24
26444NL	1-½" × 1-½" × 1-½" PEX No Lead Brass Tee		5	ea.	\$ 77.521	23
26448NL	1-½" × 1-½" × 1" PEX No Lead Brass Tee		5	ea.	\$ 71.001	24
26488NL	1-½" × 1" × 1" PEX No Lead Brass Tee		5	ea.	\$ 65.836	24
26555NL	½" × ½" × ½" PEX No Lead Brass Tee		25	ea.	\$ 4.524	23
26633NL	2" × 1-¼" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 164.603	24
26642NL	2" × 1-½" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 122.026	24
26643NL	2" × 1-½" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 130.581	24
26644NL	2" × 1-½" × 1-½" PEX No Lead Brass Tee		5	ea.	\$ 144.097	24
26648NL	2" × 1-½" × 1" PEX No Lead Brass Tee		5	ea.	\$ 125.947	24
26662NL	2" × 2" × ¾" PEX No Lead Brass Tee		5	ea.	\$ 123.654	24
26663NL	2" × 2" × 1-¼" PEX No Lead Brass Tee		5	ea.	\$ 125.339	24
26664NL	2" × 2" × 1-½" PEX No Lead Brass Tee		5	ea.	\$ 141.490	24

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
26666NL	2" x 2" x 2" PEX No Lead Brass Tee		5	ea.	\$ 147.947	23
26668NL	2" x 2" x 1" PEX No Lead Brass Tee		5	ea.	\$ 120.742	24
26822NL	1" x ¾" x ¾" PEX No Lead Brass Tee		5	ea.	\$ 15.750	24
26882NL	1" x 1" x ¾" PEX No Lead Brass Tee		5	ea.	\$ 16.817	24
26885NL	1" x 1" x ½" PEX No Lead Brass Tee		10	ea.	\$ 14.868	24
26888NL	1" x 1" x 1" PEX No Lead Brass Tee		10	ea.	\$ 15.287	23
27105NL	½" PEX x ½" M/Sweat No Lead Brass Adapter		25	ea.	\$ 2.994	22
27122NL	¾" PEX x ¾" M/Sweat No Lead Brass Adapter		25	ea.	\$ 5.702	22
27128NL	1" PEX x 1" M/Sweat No Lead Brass Adapter		10	ea.	\$ 9.889	22
27135NL	1-¼" PEX x 1-¼" M/Sweat No Lead Brass Adapter		5	ea.	\$ 18.847	22
27141NL	1-½" PEX x 1-½" M/Sweat No Lead Brass Adapter		5	ea.	\$ 64.778	22
27154NL	2" PEX x 2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 80.453	22
27205NL	½" PEX x ½" F/Sweat No Lead Brass Adapter		25	ea.	\$ 3.398	22
27222NL	¾" PEX x ¾" F/Sweat No Lead Brass Adapter		25	ea.	\$ 6.223	22
27228NL	1" PEX x 1" F/Sweat No Lead Brass Adapter		10	ea.	\$ 13.943	22
27235NL	1-¼" PEX x 1-¼" F/Sweat No Lead Brass Adapter		5	ea.	\$ 22.661	22
27328NL	¾" PEX x 1" F/Sweat No Lead Adapter	Discontinued	10	ea.	\$ 5.899	
27505NL	½" PEX x ½" MNPT No Lead Brass Adapter		25	ea.	\$ 6.219	19
27522NL	¾" PEX x ¾" MNPT No Lead Brass Adapter		25	ea.	\$ 9.027	19
27525NL	¾" PEX x ½" MNPT No Lead Brass Adapter		25	ea.	\$ 8.724	19
27528NL	1" PEX x 1" MNPT No Lead Brass Adapter		10	ea.	\$ 16.499	19
27535NL	1-¼" PEX x 1-¼" MNPT No Lead Brass Adapter		5	ea.	\$ 39.608	19
27538NL	1-¼" PEX x 1" MNPT No Lead Brass Adapter		5	ea.	\$ 25.849	19
27541NL	1-½" PEX x 1-½" MNPT No Lead Brass Adapter		5	ea.	\$ 42.050	19
27552NL	½" PEX x ¾" MNPT No Lead Brass Adapter		10	ea.	\$ 8.726	19
27554NL	2" PEX x 2" MNPT No Lead Brass Adapter		5	ea.	\$ 124.419	19
27582NL	1" PEX x ¾" MNPT No Lead Brass Adapter		5	ea.	\$ 11.514	19
27605NL	½" PEX x ½" FNPT No Lead Brass Adapter		25	ea.	\$ 7.511	20
27622NL	¾" PEX x ¾" FNPT No Lead Brass Adapter		25	ea.	\$ 10.852	20
27628NL	1" PEX x 1" FNPT No Lead Brass Adapter		25	ea.	\$ 14.584	20
27632NL	1-¼" PEX x ¾" FNPT No Lead Brass Adapter	WSL	5	ea.	\$ 20.338	20
27635NL	1-¼" PEX x 1-¼" FNPT No Lead Brass Adapter		5	ea.	\$ 46.550	20
27638NL	1-¼" PEX x 1" FNPT No Lead Brass Adapter	WSL	5	ea.	\$ 25.731	20
27G54NL	2" PEX F1807 x 2" IPS Roll Groove No Lead Brass Adapter	New!	1	ea.	\$ 91.500	22
28005NL	½" x ½" PEX No Lead Brass Elbow		25	ea.	\$ 3.579	18
28022NL	¾" x ¾" PEX No Lead Brass Elbow		25	ea.	\$ 5.451	18
28028NL	1" x 1" PEX No Lead Brass Elbow		10	ea.	\$ 12.615	18
28035NL	1-¼" x 1-¼" PEX No Lead Brass Elbow		5	ea.	\$ 23.528	18
28041NL	1-½" x 1-½" PEX No Lead Brass Elbow		5	ea.	\$ 56.812	18
28054NL	2" x 2" PEX No Lead Brass Elbow		5	ea.	\$ 105.633	18
28205	½" PEX Barb Stubout Elbow with Edge Bracket		25	ea.	\$ 15.262	29
28206	½" PEX x Closed, 3-½" x 6" Stub-out Elbow		50	ea.	\$ 9.558	29
28225NL	¾" x ½" PEX No Lead Brass Elbow	WSL	10	ea.	\$ 4.199	18
28305NL	½" PEX x ½" FNPT Drop Ear No Lead Brass Elbow		10	ea.	\$ 15.051	20
28535NL	1-¼" PEX x 1-¼" MNPT No Lead Brass Elbow	WSL	5	ea.	\$ 44.230	
29005NL	½" x ½" PEX No Lead Brass Coupling		25	ea.	\$ 2.623	16
29022NL	¾" x ¾" PEX No Lead Brass Coupling		25	ea.	\$ 3.688	16
29028NL	1" x 1" PEX No Lead Brass Coupling		10	ea.	\$ 5.688	16
29035NL	1-¼" x 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 11.912	16
29041NL	1-½" x 1-½" PEX No Lead Brass Coupling		5	ea.	\$ 41.985	16
29054NL	2" x 2" PEX No Lead Brass Coupling		5	ea.	\$ 62.896	16

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
29225NL	¾" x ½" PEX No Lead Brass Coupling		25	ea.	\$ 4.607	16
29238NL	1-¼" x 1" PEX No Lead Brass Coupling		5	ea.	\$ 12.301	16
29243NL	1-½" x 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 22.942	16
29248NL	1-½" x 1" PEX No Lead Brass Coupling		5	ea.	\$ 38.881	16
29263NL	2" x 1-¼" PEX No Lead Brass Coupling		5	ea.	\$ 58.627	16
29264NL	2" x 1-½" PEX No Lead Brass Coupling		5	ea.	\$ 61.536	16
29282NL	1" x ¾" PEX No Lead Brass Coupling		10	ea.	\$ 6.240	16
30071	Universal Sensor (10K)		1	ea.	\$ 83.21	81
30072	Slab Sensor (10K) PVC Sleeve 20ft Cable		1	ea.	\$ 280.34	81
30073	Slab Sensor (10K) PVC Sleeve 40ft Cable		1	ea.	\$ 476.23	81
30079	Slab Sensor (10K) SS Sleeve 10ft Cable		1	ea.	\$ 100.65	81
30090	Snow/Ice Sensor (10K) 65 ft cable		1	ea.	\$ 2,082.61	81 , 125
30091	Snow/Ice Sensor Socket		1	ea.	\$ 473.31	81 , 125
30095	Aerial Mounted Snow Sensor		1	ea.	\$ 486.88	81
30360	Indoor/Outdoor Mixing Valve Reset Control		1	ea.	\$ 2,450.68	79
30654	Snow Melt Control		1	ea.	\$ 2,334.36	80
31680	Snow Melt Control 680-BMS BACnet (30090,30091,Snow/Ice Sensor sold sep)		1	ea.	\$ 9,060.21	79
3WMIX	3-Way Mixing Panel 1-¼" 26-99 Pump	Discontinued; see 3WMIX-360	1	ea.	\$ 8,252.00	
3WMIX-360	3-Way Mixing Panel 1-¼" 26-99 Pump		1	ea.	\$ 10,523.00	108
3WMIX-654	3-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt		1	ea.	\$ 9,780.00	113
3WMIX-680	3-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt BACnet		1	ea.	\$ 17,198.00	114
3WMIX-BMS	3-Way Mixing Panel 1-¼" 26-99 Pump BMS		1	ea.	\$ 7,225.00	109
3WMIX-SMCP	3-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt	Discontinued; see 3WMIX-654	1	ea.	\$ 9,140.00	
3WMIXHH	3-Way Mixing Panel 1-¼" 26-150 Pump	Discontinued; see 3WMIXHH-360	1	ea.	\$ 9,715.00	
3WMIXHH-360	3-Way Mixing Panel 1-¼" 26-150 Pump		1	ea.	\$ 12,021.00	108
3WMIXHH-654	3-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt		1	ea.	\$ 11,844.00	113
3WMIXHH-680	3-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt BACnet	New!	1	ea.	\$ 18,981.00	114
3WMIXHH-BMS	3-Way Mixing Panel 1-¼" 26-150 Pump BMS		1	ea.	\$ 9,512.00	109
3WMIXHH-SMCP	3-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt	Discontinued; see 3WMIXHH-654	1	ea.	\$ 11,069.00	
40328	StatLink® 8 Zone Wireless Module		1	ea.	\$ 447.07	72
40414	StatLink® 4 Zone Module		1	ea.	\$ 186.88	78
41316	6 Zone Pump Wiring Center		1	ea.	\$ 667.44	77
43301	Wireless Internet Gateway		1	ea.	\$ 394.15	71
43302	Wireless Relay		1	ea.	\$ 193.84	73
43303	Door/Window Sensor	WSL	1	ea.	\$ 101.89	74
43304	Wireless Smart Plug / Repeater		1	ea.	\$ 178.91	73
43305	External Antenna		1	ea.	\$ 107.32	74
43306	Co-ordinator	WSL	1	ea.	\$ 148.82	76
43307	Repeater	WSL	1	ea.	\$ 116.86	76
43310	Water Leak Sensor		1	ea.	\$ 180.45	75
43311	Inline Shutoff Valve		1	ea.	\$ 611.41	75
44325	StatLink® Installation Track, 25"	Discontinued	1	ea.	\$ 33.94	
45032	8 Pin Round Socket for AC Relay	WSL	1	ea.	\$ 43.08	140
45112	HeatLink® 24Vac DPDT Pump Relay Box		1	ea.	\$ 268.78	77
46645	HeatLink® Wired Digital Timer Thermostat		1	ea.	\$ 150.84	77
46801W	HeatLink® Wireless Digital Thermostat		1	ea.	\$ 175.91	71
4WMIX	4-Way Mixing Panel 1-¼" 26-99 Pump	Discontinued; see 4WMIX-360	1	ea.	\$ 8,252.00	
4WMIX-360	4-Way Mixing Panel 1-¼" 26-99 Pump		1	ea.	\$ 10,523.00	110

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
4WMIX-654	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt		1	ea.	\$ 9,780.00	115
4WMIX-680	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt BACnet		1	ea.	\$ 17,198.00	116
4WMIX-BMS	4-Way Mixing Panel 1-1/4" 26-99 Pump BMS		1	ea.	\$ 7,225.00	111
4WMIX-SMCP	4-Way Mixing Panel 1-1/4" 26-99 Pump Snow Melt	Discontinued; see 4WMIX-654	1	ea.	\$ 9,140.00	
4WMIXHH	4-Way Mixing Panel 1-1/4" 26-150 Pump	Discontinued; see 4WMIXHH-360	1	ea.	\$ 9,715.00	
4WMIXHH-360	4-Way Mixing Panel 1-1/4" 26-150 Pump		1	ea.	\$ 12,021.00	110
4WMIXHH-654	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt		1	ea.	\$ 11,844.00	115
4WMIXHH-680	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt BACnet		1	ea.	\$ 18,981.00	116
4WMIXHH-BMS	4-Way Mixing Panel 1-1/4" 26-150 Pump BMS		1	ea.	\$ 9,512.00	111
4WMIXHH-SMCP	4-Way Mixing Panel 1-1/4" 26-150 Pump Snow Melt	Discontinued; see 4WMIXHH-654	1	ea.	\$ 11,069.00	
56090	TwistSeal® Manifold Actuator Ring	WSL	1	ea.	\$ 4.68	140
56091	Valve Actuator Ring	WSL	1	ea.	\$ 5.93	140
56121	HeatLink® DDC Actuator for Manifolds and Valves		1	ea.	\$ 270.90	69
56200	HeatLink® TwistSeal® Manifold Actuator with LED		1	ea.	\$ 118.48	69
56201	HeatLink® Valve & SS Manifold Actuator with LED		1	ea.	\$ 102.81	69
56202	HeatLink® Multiport Manifold Actuator with LED		1	ea.	\$ 113.65	69
56230	HeatLink® TwistSeal® Manifold Actuator c/w End Switch		1	ea.	\$ 179.80	69
56231	HeatLink® Valve & SS Manifold Actuator c/w End Switch		1	ea.	\$ 146.89	69
56232	HeatLink® Multiport Manifold Actuator c/w End Switch		1	ea.	\$ 183.03	69
56401	Wireless Valve Actuator	WSL	1	ea.	\$ 282.61	72
57094	Thermostatic Head c/w Capillary (68°-158°F)		1	ea.	\$ 355.42	64
58130.1	Adapter for HeatLink 1"- 2" Rotary Actuator to WITA Valve		1	ea.	\$ 200.24	140
58131	Mixing Valve Motor for 1" to 2" FNPT Valves 3-Point Floating		1	ea.	\$ 810.81	66
58132	Mixing Valve Motor for 1" to 2" FNPT Valves DDC		1	ea.	\$ 1,159.74	66
58199	Mixing Valve Motor for 2-1/2" to 4" Flange Mixing Valves	WSL	1	ea.	\$ 549.98	140
58200	Mixing Valve Motor for 2" to 4" Flange Mixing Valves 3-Point Floating	Special Order*	1	ea.	\$ 1,392.35	66
58200.1	Metal Drive Sleeve for 58200/58300 Mixing Valve Motor		1	ea.	\$ 169.59	140
58300	Mixing Valve Motor for 2" to 4" Flange Mixing Valves DDC	Special Order*	1	ea.	\$ 2,480.41	66
58850	AccsryPack #58150 v2 Mounted on Black CastIronMixingVlv	WSL	1	ea.	\$ 43.54	140
60020V	Pressure Activated Bypass Valve 3/4"		1	ea.	\$ 251.60	68
60025V	Pressure Activated Bypass Valve 1"		1	ea.	\$ 373.28	68
60040V	Pressure Activated Bypass Valve 1-1/4"		1	ea.	\$ 428.33	68
62016V	Straight Zone Valve 1/2" NPT		1	ea.	\$ 114.53	64
62020V	Straight Zone Valve 3/4" NPT		1	ea.	\$ 147.27	64
62025V	Straight Zone Valve 1" NPT		1	ea.	\$ 184.52	64
62216	Straight Zone Valve 1/2" NPT, Nickel Plated	WSL	1	ea.	\$ 84.22	
62220	Straight Zone Valve 3/4" NPT, Nickel Plated	Discontinued	1	ea.	\$ 108.28	
62325	Straight Balancing Valve 1" F/Sweat	WSL	1	ea.	\$ 167.58	68
62816	Zone Valve Insert 1/2" (Blue Cap)	Discontinued	1	ea.	\$ 86.00	
62900V	Zone Valve Insert for 62000V Series Valves	Discontinued	1	ea.	\$ 80.18	
62920	Radiator Valve Insert 3/4" (Black Cap)	Discontinued	1	ea.	\$ 93.34	
63022	3/4" x 3-Way FNPT Mixing / Diverting Valve, Cv 4.7		1	ea.	\$ 443.17	65
63023	3/4" x 3-Way FNPT Mixing / Diverting Valve, Cv 7.3		1	ea.	\$ 419.00	65
63026	1" x 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 482.29	65
63026.1	1" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 131.38	139
63539	1-1/4" x 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 519.60	65
63541	1-1/2" x 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 764.69	65
63542.1	1-1/4" and 1-1/2" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 118.49	139
63551	2" x 3-Way FNPT Mixing / Diverting Valve		1	ea.	\$ 920.22	65

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
63551.1	2" 3- & 4-Way Valve Shaft & Seal Kit		1	ea.	\$ 118.49	139
63716	½" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 277.77	
63720V	¾" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 484.38	64
63725V	1" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 614.44	64
63732	1-¼" Compact 3-Way Mixing Valve	WSL	1	ea.	\$ 842.46	
64026	1" × 4-Way FNPT Mixing Valve		1	ea.	\$ 557.55	65
64031	1-¼" × 4-Way FNPT Mixing Valve		1	ea.	\$ 598.38	65
64041	1-½" × 4-Way FNPT Mixing Valve		1	ea.	\$ 856.83	65
64051	2" × 4-Way FNPT Mixing Valve		1	ea.	\$ 1,205.20	65
64164	2" × 4-Way Flange Mixing Valve	WSL	1	ea.	\$ 2,031.68	67
64164F	2" DIN Flange	WSL	1	ea.	\$ 85.68	67
64164G	2" Gasket for DIN Flange	WSL	1	ea.	\$ 26.91	67
64950	1-½" & 2" 4-Way Cast Iron Mixing Valve Repair Kit	WSL	1	ea.	\$ 428.33	139
65000	4" × 4-Way Flange Mixing Valve	WSL	1	ea.	\$ 3,812.12	67
65000F	4" DIN Flange	WSL	1	ea.	\$ 197.65	67
65000G	4" Gasket for DIN Flange	WSL	1	ea.	\$ 73.95	67
67019	⅝" PEX Comp. × ¾" M/Sweat Adapter		1	ea.	\$ 29.81	63
67119	⅝" PEX Comp. × ¾" F/Sweat Adapter		1	ea.	\$ 30.51	63
68019	⅝" PEX Comp. × ¾" MNPT Adapter		1	ea.	\$ 28.22	63
69005	½" × ½" PEX Comp. Coupling		1	ea.	\$ 47.10	63
69019	⅝" × ⅝" PEX Comp. Coupling		1	ea.	\$ 47.10	63
69022	¾" × ¾" PEX Comp. Coupling		1	ea.	\$ 67.39	63
69296	20 × 16mm PEX Comp. Coupling		2	ea.	\$ 47.10	139
71724	Recessed Manifold Housing 24"×23"×3-⅞"		1	ea.	\$ 565.36	61
71730	Recessed Manifold Housing 30"×23"×3-⅞"		1	ea.	\$ 625.15	61
71743	Recessed Manifold Housing 43-½"×23"×3-⅞"		1	ea.	\$ 727.88	61
71901	Key Lock for Manifold Housing Door		1	ea.	\$ 44.48	62
71903	Flat Key Lock for Recessed Housing Door		1	ea.	\$ 50.88	139
72434	Surface Mounted Manifold Housing 34-½"×28-½"×5-⅞"		1	ea.	\$ 922.49	62
72442	Surface Mounted Manifold Housing 42-½"×28-½"×5-⅞"		1	ea.	\$ 1,050.19	62
72446	Surface Mounted Manifold Housing 46-½"×28-½"×5-⅞"		1	ea.	\$ 1,190.81	62
72469	Surface Mounted Manifold Housing 69"×28-½"×5-⅞"	Special Order*	1	ea.	\$ 1,899.77	62
72481	Surface Mounted Manifold Housing 85"×28-½"×5-⅞"	Special Order*	1	ea.	\$ 2,153.61	62
72493	Surface Mounted Manifold Housing 93"×28-½"×5-⅞"	Special Order*	1	ea.	\$ 2,452.64	62
72534	Recessed Manifold Housing 34-½"×28-½"×5-⅞"		1	ea.	\$ 1,392.17	61
72542	Recessed Manifold Housing 42-½"×28-½"×5-⅞"		1	ea.	\$ 1,443.77	61
72546	Recessed Manifold Housing 46-½"×28-½"×5-⅞"		1	ea.	\$ 1,535.62	61
75102	2 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 566.05	54
75103	3 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 660.19	54
75104	4 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 811.08	54
75105	5 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 905.35	54
75106	6 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,018.62	54
75107	7 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,112.88	54
75108	8 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,263.84	54
75109	9 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,367.47	54
75110	10 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,471.44	54
75111	11 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,678.70	54
75112	12 Loop 1-¼" SS Manifold with Flow Meters		1	ea.	\$ 1,886.40	54
75202	2 Loop 1-¼" High Flow SS Manifold		1	ea.	\$ 544.73	54
75203	3 Loop 1-¼" High Flow SS Manifold		1	ea.	\$ 625.15	54
75204	4 Loop 1-¼" High Flow SS Manifold		1	ea.	\$ 763.28	54

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
75205	5 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 843.84	54
75206	6 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 943.63	54
75207	7 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,024.32	54
75208	8 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,162.36	54
75209	9 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,252.50	54
75210	10 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,342.84	54
75211	11 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,538.23	54
75212	12 Loop 1-1/4" High Flow SS Manifold		1	ea.	\$ 1,733.76	54
76100	Coupling for SS Manifold	WSL	1	ea.	\$ 57.04	136
76101	Mounting Bracket for SS Manifold	WSL	1	ea.	\$ 46.77	136
76600	Coupling for 2" SS Manifold	WSL	1	pair	\$ 167.05	139
76601	Loctite 55		1	ea.	\$ 151.79	59
76675	1" Cap and Washer for 1-1/2" and 2" SS Manifold		1	pair	\$ 46.41	59
76681B	3/4" Ball Valve for 2" SS Manifold - Blue Handle		1	ea.	\$ 38.95	139
76681R	3/4" Ball Valve for 2" SS Manifold - Red Handle		1	ea.	\$ 38.95	139
76706	6 Loop 1-1/2" SS Manifold with Flow Meters		1	ea.	\$ 2,411.03	57
76708	8 Loop 1-1/2" SS Manifold with Flow Meters		1	ea.	\$ 2,877.59	57
76710	10 Loop 1-1/2" SS Manifold with Flow Meters		1	ea.	\$ 3,350.49	57
76712	12 Loop 1-1/2" SS Manifold with Flow Meters		1	ea.	\$ 3,911.30	57
76840	1-1/2" MNPT Assembly Kit for 2" SS Manifold	WSL	1	ea.	\$ 430.71	
76850	2" MNPT Assembly Kit for 2" SS Manifold	WSL	1	ea.	\$ 430.42	
76905	1/2" Plug for 1-1/4" SS Manifold		1	ea.	\$ 11.58	136
76911	Zone Valve Insert for 1-1/4" SS Manifold (Return)	WSL	1	ea.	\$ 39.77	136
76912	Balancing Valve Insert for High Flow SS Manifold (Supply)	WSL	1	ea.	\$ 30.59	137
76916	Flow Meter Valve Insert (0-1.5 USgpm Lock Nut) for 1-1/4" SS Mfd (Sup.)	WSL	1	ea.	\$ 69.22	137
76917	Flow Meter Valve Insert (0-6 L/min) for 1-1/4" SS Manifold (New Design)	WSL	1	ea.	\$ 66.04	137
76918	Connector Base for 1-1/4" SS Manifold (Flow Meter w/Lock Nut)	WSL	1	ea.	\$ 14.46	137
76922	1" Ball Valve Set for 1-1/4" SS Manifold	WSL	1	set	\$ 296.59	137
76924	O-ring for 1-1/4" SS Manifold Coupling and End Connections	Discontinued	1	ea.	\$ 3.90	
76925	Black Shut-off Cap for 1-1/4" SS Manifold	WSL	1	ea.	\$ 6.80	137
76930	Hose Bib for 1-1/4" SS Manifold	WSL	1	ea.	\$ 64.30	137
76932	Automatic Air Vent for 1-1/4" SS Manifold	WSL; see 79932	1	ea.	\$ 50.66	137
76935	Side Mount Automatic Air Vent Set for 1-1/4" SS Manifold	WSL	1	ea.	\$ 123.06	137
76940	Strap-on Thermometer		1	ea.	\$ 45.17	127
76944	Side Mount Automatic Air Vent Kit for 1-1/4" SS Manifold		1	ea.	\$ 198.05	56
76945	Pressure Bypass Kit for 1-1/4" SS Manifold		1	ea.	\$ 196.28	56
76946	Coupling Kit for 1-1/4" SS Manifold		1	ea.	\$ 89.50	56
76947	Elbow Kit for 1-1/4" SS Manifold		1	ea.	\$ 160.37	56
76948	Insulation Kit for 1-1/4" SS Manifold, 12 Ports		1	ea.	\$ 104.36	56
76949	Insulation Kit for 1-1/4" SS Manifold Ball Valve		1	ea.	\$ 33.85	56
76950	Flow Meter Valve Insert (0-2 USgpm Lock Nut) for 1-1/4" SS Mfd (Sup.)		1	ea.	\$ 69.22	137
76951	Connector Base for 1-1/4" SS Manifold (Flow Meter w/Lock Nut)		1	ea.	\$ 14.01	137
76952	Connector Base for 1-1/4" SS Manifold		1	ea.	\$ 14.04	137
76953	Balancing Valve Insert for 1-1/4" High Flow SS Manifold (Supply)		1	ea.	\$ 29.64	137
76954	Zone Valve Insert for 1-1/4" SS Manifold (Return)		1	ea.	\$ 38.53	138
76956	1-1/4" EPDM Gasket		10	ea.	\$ 4.79	138
76958	O-ring for 1-1/4" SS Manifold 1/2" G Accessories		10	ea.	\$ 2.61	138
76959	O-ring for 1-1/4" SS Manifold 1" G Connections		10	ea.	\$ 3.90	138
76960	Blue Shut-off Cap for 1-1/4" SS Manifold		1	ea.	\$ 6.80	138
76961	Mounting Bracket for 1-1/4" SS Manifold		1	pair	\$ 46.77	138
76964	Coupling Kit for 1-1/2" SS Manifold		1	ea.	\$ 305.58	58

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
76966	EPDM Gasket for 1-½" SS Manifold End Cap		10	ea.	\$ 5.30	138
76967	2" EPDM Gasket		10	ea.	\$ 5.30	138
76968	Mounting Brackets for 1-½" SS Manifold, Low Type		1	ea.	\$ 71.15	138
76969	Mounting Brackets for 1-½" SS Manifold, High Type		1	ea.	\$ 78.86	138
76970	Flow Meter 2-8 US GPM		1	ea.	\$ 245.93	138
76971	Ball Valve for 1-½" SS Manifold		1	ea.	\$ 76.16	138
76972	Hose Bib for SS Manifold		1	ea.	\$ 39.25	138
76973	1" Ball Valve Set for 1-¼" SS Manifold		1	set	\$ 204.25	138
76974	Pair of Thermometers for 75100/75200 Series Manifolds		1	pair	\$ 39.08	138
77005	½" PEX to TwistSeal® Manifold Connector		1	pair	\$ 24.11	52
77012	¾" PEX to TwistSeal® Manifold Connector	WSL	1	pair	\$ 30.24	135
77019	¾" PEX to TwistSeal® Manifold Connector		1	pair	\$ 32.23	52
77022	¾" PEX to TwistSeal® Manifold Connector c/w Nut		1	pair	\$ 55.28	52
77100	Port Cap for 1-¼" SS Manifold		1	pair	\$ 22.52	55
77105	½" PEX to 1-¼" SS Manifold Connector		1	pair	\$ 32.59	55
77119	¾" PEX to 1-¼" SS Manifold Connector		1	pair	\$ 39.06	55
77120	20mm PEX to 1-¼" SS Manifold Connector		1	pair	\$ 39.06	137
77122	¾" PEX to 1-¼" SS Manifold Connector		1	pair	\$ 76.15	55
77305	½" PEX Insert to 1-¼" SS Manifold Connector	WSL	1	pair	\$ 29.73	137
77519	¾" PEX to 1-½" SS Manifold Connector		1	pair	\$ 64.00	58
77522	¾" PEX to 1-½" SS Manifold Connector		1	pair	\$ 64.19	58
77600	O-Ring for 2" Manifold PEX Connectors	WSL	1	ea.	\$ 1.60	139
77619	¾" PEX to 2" SS Manifold Connector	WSL	1	pair	\$ 59.62	139
77622	¾" PEX to 2" SS Manifold Connector	WSL	1	pair	\$ 59.80	139
77628	1" PEX to 2" SS Manifold Connector	WSL	1	pair	\$ 80.95	139
77729	O-ring for PEX to TwistSeal® Manifold Connector		10	ea.	\$ 1.90	135
77739	O-ring for PEX to 1-¼" SS Manifold Connector	Discontinued	10	ea.	\$ 2.28	
78200	TwistSeal® Mini Deluxe (40mm) Z.V. Supply & Balancing Return Module Pair		1	pair	\$ 184.58	51
78210	TwistSeal® Mini Deluxe (40mm) Zone Valve Supply Module		1	ea.	\$ 117.21	134
78211	TwistSeal® Mini Deluxe (40mm) Balancing Return Module		1	ea.	\$ 100.09	134
78221	TwistSeal® Mini (40mm) Zone Valve Replacement Cartridge c/w O-ring		1	ea.	\$ 48.28	134
78302	TwistSeal® Mini (40mm) 2-port Z.V. Supply & Flow Meter Return Module Pair		1	pair	\$ 238.76	51
78303	TwistSeal® Mini (40mm) 3-port Z.V. Supply & Flow Meter Return Module Pair		1	pair	\$ 358.08	51
78311	TwistSeal® Mini Z.V. Rplcmnt. Cartridge for Multiport Module		1	ea.	\$ 32.12	134
78312	TwistSeal® Mini Flow Meter Replacement Cartridge for 78300 Modules		1	ea.	\$ 61.42	134
78314	Assembly tool for TwistSeal® Mini Multiport Valves		1	ea.	\$ 15.46	130
78400	TwistSeal® Deluxe (55mm) Z.V. Supply & Balancing Return Module Pair		1	pair	\$ 208.28	48
78401	TwistSeal® Deluxe (55mm) Zone Valve Supply Module		1	ea.	\$ 147.98	134
78402	TwistSeal® Deluxe (55mm) Balancing Return Module		1	ea.	\$ 138.89	134
78411	TwistSeal® (55mm) Zone Valve Replacement Cartridge c/w O-ring		1	ea.	\$ 97.50	134
78811	TwistSeal® Mini (40mm) Z.V. Upgrade Asmbl.		1	ea.	\$ 77.72	135
78812	TwistSeal® Mini (40mm) Balance Valve Assembly		1	ea.	\$ 72.85	135
78902	Plastic Nut for TwistSeal® Manifold Modules		1	ea.	\$ 10.50	135
78904	Shut-off Cap TwistSeal® - Red		1	ea.	\$ 8.02	135
78905	TwistSeal® Zone Actuator Base (40mm & 55mm)		1	ea.	\$ 3.55	135
78906	Balancing Valve Cap with Clip for TwistSeal® Manifold		1	ea.	\$ 18.00	135
78911	TwistSeal® (55mm) Zone Valve Upgrade Assembly		1	ea.	\$ 93.27	134
78912	TwistSeal® (55mm) Balance Valve Assembly		1	ea.	\$ 72.45	134
78921	O-ring for TwistSeal® Valve Insert (40 & 55mm)	WSL	5	ea.	\$ 1.14	136
78922	O-ring for TwistSeal® Balancing Shaft - 6x2mm (Cone Side)	WSL	5	ea.	\$ 2.70	136
78923	O-ring for TwistSeal® Mini (40mm) & EasyFit™ Manifold Modules		5	ea.	\$ 3.14	135

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
78924	O-ring for TwistSeal® (55mm) Manifold Module		5	ea.	\$ 4.92	134
79200	1" TwistSeal® Mini (40mm) Deluxe Manifold Assembly Kit		1	ea.	\$ 252.25	50
79400	1" TwistSeal® (55mm) Deluxe Manifold Assembly Kit		1	ea.	\$ 541.15	48
79801	TwistSeal® Mini (40mm) Closed End Cap		1	ea.	\$ 11.97	135
79808	TwistSeal® Mini (40mm) Cross Tee c/w O-ring	WSL	1	ea.	\$ 30.53	135
79815	1" TwistSeal® Mini (40mm) Union Cross Tee End Connection		1	ea.	\$ 106.46	135
79892	TwistSeal® Multiport (40mm) Double Mounting Bracket		1	ea.	\$ 21.62	50
79901	TwistSeal® (55mm) Closed End Cap		1	ea.	\$ 17.04	134
79902	1" TwistSeal® (55mm) Supply End Connection		1	ea.	\$ 97.10	134
79908	TwistSeal® (55mm) Cross Tee		1	ea.	\$ 57.61	134
79911	½" Cross Tee Plug		1	ea.	\$ 4.31	136
79922	Multiwrench for Manifold Nut and Base		1	ea.	\$ 18.24	130
79930	Metal Hose Bib		1	ea.	\$ 100.79	136
79931	Manual Air Vent		1	ea.	\$ 14.91	136
79932	Metal Automatic Air Vent		1	ea.	\$ 83.10	136
79933	Manual Air Vent Key - 5mm Square, Blue		1	ea.	\$ 4.89	136
79934	Plastic Hose Bib	WSL; see 79930	1	ea.	\$ 38.89	136
79935	Pressure Test Kit		1	ea.	\$ 237.75	127
79936	Plastic Automatic Air Vent		1	ea.	\$ 31.40	136
79940	Pair Thermometers c/w Well for TwistSeal® Manifolds		1	pair	\$ 149.31	136
79942	Pair Thermometers for TwistSeal® Mini Union Cross Tee End Connection		1	pair	\$ 64.92	135
79951	100g Bottle Non-toxic Silicone O-ring Lubricant		1	ea.	\$ 68.87	130
79952	10g Bottle Non-toxic Silicone O-ring Lubricant		1	ea.	\$ 14.25	130
79953	Red Rubber Gasket for 1" Union End Connection (40mm) Air Tests		1	pair	\$ 9.62	135
79954	Gasket for TwistSeal® Mini (40mm) 1" Union Supply End Connection		1	pair	\$ 12.24	135
79955	O-ring for ½" Cross Tee Accessories	WSL	5	ea.	\$ 0.84	136
79965	Pressure Test Kit with Extra Valve to Zero Gauge		1	ea.	\$ 273.38	127
79991	TwistSeal® (55mm) Mounting Bracket		1	ea.	\$ 26.37	48
86005	½" Conduit 90s		1	ea.	\$ 6.01	85
86020	¾" Conduit 90s		1	ea.	\$ 8.11	85
86022	¾" Conduit 90s		1	ea.	\$ 12.77	85
86028	1" Conduit 90s	Discontinued	1	ea.	\$ 15.46	
86105	Plastic Bend Support for ¾" and ½" Tubing		1	ea.	\$ 2.03	85 , 126
86122	Plastic Bend Support for ¾" Tubing		1	ea.	\$ 3.82	85 , 126
87024	24" Aluminum Heat Transfer Plate for DryAbove™/DryBelow™ Systems		250	ea.	\$ 5.79	84
87205	EndBend™ for DryAbove™ System		25	ea.	\$ 7.96	84
87305	SpacerClip™ for DryAbove™ System		50	ea.	\$ 2.64	84
88205	½" 9ft PEX-a Tubing Support		5	ea.	\$ 26.28	126
88222	¾" 9ft PEX-a Tubing Support		5	ea.	\$ 29.56	126
88228	1" 9ft PEX-a Tubing Support		5	ea.	\$ 31.65	126
88235	1-¼" 9ft PEX-a Tubing Support		5	ea.	\$ 39.17	126
88241	1-½" 9ft PEX-a Tubing Support		5	ea.	\$ 44.41	126
88254	2" 9ft PEX-a Tubing Support		5	ea.	\$ 50.59	126
89000	Tubing Tracking		400	ft.	\$ 1.92	84
89010	500 Track Staples		1	bag	\$ 193.25	82
89105	1000 Tie Straps - 5.5"		1	bag	\$ 107.29	82
89107	1000 Tie Straps - 7.5"		1	bag	\$ 113.00	82
89244	300× 2-¾" (60mm) Staples for Stand-up Stapler		1	box	\$ 72.43	82 , 128
89251	300× 1-½" Staples for HeatLink® Deluxe Staple Gun		1	box	\$ 77.96	82 , 128
89252	300× 2" Staples for HeatLink® Deluxe Staple Gun		1	box	\$ 96.27	82 , 128
92128bs	1" 100ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 533.700	11

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
92128rs	1" 100ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 533.700	11
92305bcs	1½" 300ft Blue Corrugated Sleeve for ½" PEX		1	ea.	\$ 240.410	11
92305bs	½" 300ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 430.800	11
92305rs	½" 300ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 430.800	11
92322bcs	1-¾" 300ft Blue Corrugated Sleeve for ¾" PEX		1	ea.	\$ 407.600	11
92322bs	¾" 300ft Blue PureLink® Plus Pipe-in-Pipe		1	coil	\$ 803.100	11
92322rs	¾" 300ft Red PureLink® Plus Pipe-in-Pipe		1	coil	\$ 803.100	11
94019400	¾" 400ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 555.60	44
94105	½" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 832.00	44
94119	¾" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,389.00	44
94122	¾" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,912.00	44
94128	1" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 373.00	44
94135	1-¼" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 635.30	44
94141	1-½" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 953.00	44
94154	2" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	Summer 2026	1	coil	\$ 1,650.50	
94205	½" 250ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 208.00	44
94222	¾" 10×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 382.40	45
94228	1" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 373.00	45
94235	1-¼" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 635.30	45
94241	1-½" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	bundle	\$ 953.00	45
94254	2" 5×20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	Summer 2026	1	bundle	\$ 1,650.50	
94305	½" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 249.60	44
94305rs	½" 300' O ₂ Barrier HeatLink® Pipe-in-Pipe Red Sheath	Special Order*	1	coil	\$ 492.00	45
94322	¾" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 573.60	44
94322rs	¾" 300' O ₂ Barrier HeatLink® Pipe-in-Pipe Red Sheath	Special Order*	1	coil	\$ 942.30	45
94335	1-¼" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,905.90	44
94341	1-½" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 2,859.00	44
94354	2" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	Summer 2026	1	coil	\$ 4,951.50	
94505	½" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 416.00	44
94519	¾" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 694.50	44
94522	¾" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 956.00	44
94528	1" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		1	coil	\$ 1,865.00	44
AHP5500W240ELE	5500W-240V Element for AHSD11D		1	ea.	\$ 145.13	142
AHSFLWMTR	Flow Meter Turbine for AHSD or S-7 Electric Boiler		1	ea.	\$ 207.67	142
BC G2-1	Standard Boiler Panel 3 Pump	Discontinued	1	ea.	\$ 4,120.00	
BC G2-2	High Capacity Boiler Panel 4 Pump	Discontinued	1	ea.	\$ 4,884.00	
BC G2-3	BC G.Combi Boiler Panel	Discontinued	1	ea.	\$ 4,350.00	
CAD01	CAD Boiler Panel 3 Pump	Discontinued	1	ea.	\$ 3,932.00	
CAD02	CAD Boiler Panel High Capacity 4 Pump	Discontinued	1	ea.	\$ 4,532.00	
CHVLV20	Check Valve for UPS15-58 Pump		1	ea.	\$ 36.60	142
DRVWSNS-SS	Driveway Sensor for SMP Panels		1	ea.	\$ 2,238.94	154
ECO1ZN3P	ECO Boiler Panel 3 Pump	Discontinued	1	ea.	\$ 3,932.00	
ECO2ZN4P	ECO Boiler Panel High Capacity 4 Pump	Discontinued	1	ea.	\$ 4,532.00	
ELBP18	Electric Boiler Panel 18,000BTU		1	ea.	\$ 4,794.00	90
ELBP18TS3	Electric Boiler Panel 18,000BTU with 3 Loop Twist Seal Mini Multiport		1	ea.	\$ 5,730.00	91
ELBP18TS5	Electric Boiler Panel 18,000BTU with 5 Loop Twist Seal Mini Multiport		1	ea.	\$ 5,950.00	91
ELBP30	Electric Boiler Panel 30,000BTU		1	ea.	\$ 8,440.00	90
ELBP30TS3	Electric Boiler Panel 30,000BTU with 3 Loop Twist Seal Mini Multiport		1	ea.	\$ 8,965.00	91
ELBP30TS5	Electric Boiler Panel 30,000BTU with 5 Loop Twist Seal Mini Multiport		1	ea.	\$ 9,023.00	91
ELBP30TS6	Electric Boiler Panel 30,000BTU with 6 Loop Twist Seal Mini Multiport		1	ea.	\$ 9,289.00	91
ELBP30TS7	Electric Boiler Panel 30,000BTU with 7 Loop Twist Seal Mini Multiport		1	ea.	\$ 9,403.00	91

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
ELBP50	Electric Boiler Panel 50,000BTU		1	ea.	\$ 8,620.00	90
ELBP50TS7	Electric Boiler Panel 50,000BTU with 7 Loop Twist Seal Mini Multiport		1	ea.	\$ 10,011.00	91
ETF-144/99A	Slab Sensor (12k) PVC Sleeve 8ft Cable for ETO2SMCNR SnowmeltController		1	ea.	\$ 180.80	155
ETF-1733/44/55	Optional Outdoor Sensor for SMCP & SMP Panels	Call for Availability	1	ea.	\$ 373.53	155
ETF1899ASNS	Sensor NTC 12K (Spare parts for #SMCP)	Special Order*	1	ea.	\$ 156.13	140
ETO2SMCNR	Snowmelt Control - DDC (Spare parts for #SMCP)	Call for Availability	1	ea.	\$ 2,115.52	155
EX13203	3 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 20.135	32
EX13204	4 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 28.641	32
EX13206	6 Port, ¾" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 35.324	32
EX13208C	8 Port, ¾" PEX F1960 × Closed End HPP Commercial Multiport Tee	New!	1	ea.	\$ 79.110	32
EX13804	4 Port, 1" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 50.074	32
EX13806	6 Port, 1" PEX F1960 × Closed End HPP Multiport Tee		5	ea.	\$ 62.893	32
EX13810C	10 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	New!	1	ea.	\$ 99.170	32
EX13812C	12 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	New!	1	ea.	\$ 117.260	32
EX14202	2 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 15.902	32
EX14203	3 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 22.930	32
EX14204	4 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 29.225	32
EX14206	6 Port, ¾" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 30.663	32
EX14704	4 Port, 1" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 50.237	32
EX14706	6 Port, 1" × ¾" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 70.437	32
EX14804	4 Port, 1" × 1" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 47.591	32
EX14806	6 Port, 1" × 1" PEX F1960 Flow Through HPP Multiport Tee		5	ea.	\$ 68.833	32
EX15005	½" PEX F1960 HPP Plug		25	ea.	\$ 1.913	31
EX15022	¾" PEX F1960 HPP Plug		25	ea.	\$ 3.312	31
EX15028	1" PEX F1960 HPP Plug		5	ea.	\$ 6.348	31
EX15035	1-¼" PEX F1960 HPP Plug		1	ea.	\$ 24.393	31
EX15041	1-½" PEX F1960 HPP Plug		1	ea.	\$ 34.050	31
EX15054	2" PEX F1960 HPP Plug		1	ea.	\$ 48.284	31
EX16222	¾" × ¾" × ¾" PEX F1960 HPP Tee		25	ea.	\$ 8.349	39
EX16225	¾" × ¾" × ½" PEX F1960 HPP Tee		25	ea.	\$ 6.425	40
EX16228	¾" × ¾" × 1" PEX F1960 HPP Tee		10	ea.	\$ 20.936	40
EX16252	¾" × ½" × ¾" PEX F1960 HPP Tee		25	ea.	\$ 7.597	40
EX16255	¾" × ½" × ½" PEX F1960 HPP Tee		25	ea.	\$ 5.669	40
EX16332	1-¼" × 1-¼" × ¾" PEX F1960 HPP Tee		1	ea.	\$ 25.972	40
EX16333	1-¼" × 1-¼" × 1-¼" PEX F1960 HPP Tee		1	ea.	\$ 28.184	39
EX16335	1-¼" × 1-¼" × ½" PEX F1960 HPP Tee		1	ea.	\$ 22.116	40
EX16338	1-¼" × 1-¼" × 1" PEX F1960 HPP Tee		1	ea.	\$ 27.413	40
EX16382	1-¼" × 1" × ¾" PEX F1960 HPP Tee		1	ea.	\$ 22.110	40
EX16388	1-¼" × 1" × 1" PEX F1960 HPP Tee		1	ea.	\$ 25.793	40
EX16432	1-½" × 1-¼" × ¾" PEX F1960 HPP Tee		1	ea.	\$ 35.503	40
EX16433	1-½" × 1-¼" × 1-¼" PEX F1960 HPP Tee		1	ea.	\$ 39.017	40
EX16438	1-½" × 1-¼" × 1" PEX F1960 HPP Tee		1	ea.	\$ 36.470	40
EX16442	1-½" × 1-½" × ¾" PEX F1960 HPP Tee		1	ea.	\$ 38.337	40
EX16443	1-½" × 1-½" × 1-¼" PEX F1960 HPP Tee		1	ea.	\$ 37.297	40
EX16444	1-½" × 1-½" × 1-½" PEX F1960 HPP Tee		1	ea.	\$ 41.542	39
EX16445	1-½" × 1-½" × ½" PEX F1960 HPP Tee		1	ea.	\$ 33.481	40
EX16448	1-½" × 1-½" × 1" PEX F1960 HPP Tee		1	ea.	\$ 35.312	40
EX16484	1-½" × 1" × 1-½" PEX F1960 HPP Tee		1	ea.	\$ 37.650	40
EX16488	1-½" × 1" × 1" PEX F1960 HPP Tee		1	ea.	\$ 33.278	40
EX16552	½" × ½" × ¾" PEX F1960 HPP Tee		25	ea.	\$ 5.684	40
EX16555	½" × ½" × ½" PEX F1960 HPP Tee		25	ea.	\$ 4.444	39

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
EX16642	2" x 1-1/2" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 99.592	40
EX16643	2" x 1-1/2" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 102.218	40
EX16644	2" x 1-1/2" x 1-1/2" PEX F1960 HPP Tee		1	ea.	\$ 103.597	40
EX16646	2" x 1-1/2" x 2" PEX F1960 HPP Tee		1	ea.	\$ 82.387	40
EX16648	2" x 1-1/2" x 1" PEX F1960 HPP Tee		1	ea.	\$ 79.287	40
EX16662	2" x 2" x 3/4" PEX F1960 HPP Tee		1	ea.	\$ 112.548	40
EX16663	2" x 2" x 1-1/4" PEX F1960 HPP Tee		1	ea.	\$ 92.004	40
EX16664	2" x 2" x 1-1/2" PEX F1960 HPP Tee		1	ea.	\$ 84.683	40
EX16665	2" x 2" x 1/2" PEX F1960 HPP Tee		1	ea.	\$ 111.119	40
EX16666	2" x 2" x 2" PEX F1960 HPP Tee		1	ea.	\$ 96.177	39
EX16668	2" x 2" x 1" PEX F1960 HPP Tee		1	ea.	\$ 83.203	40
EX16822	1" x 3/4" x 3/4" PEX F1960 HPP Tee		5	ea.	\$ 15.292	40
EX16828	1" x 3/4" x 1" PEX F1960 HPP Tee		5	ea.	\$ 16.915	40
EX16882	1" x 1" x 3/4" PEX F1960 HPP Tee		5	ea.	\$ 15.199	40
EX16885	1" x 1" x 1/2" PEX F1960 HPP Tee		10	ea.	\$ 16.401	40
EX16888	1" x 1" x 1" PEX F1960 HPP Tee		10	ea.	\$ 15.603	39
EX17505	1/2" PEX F1960 x 1/2" MNPT HPP Adapter		25	ea.	\$ 2.016	35
EX17522	3/4" PEX F1960 x 3/4" MNPT HPP Adapter		25	ea.	\$ 3.204	35
EX17552	1/2" PEX F1960 x 3/4" MNPT HPP Adapter		25	ea.	\$ 2.598	35
EX17755	1/2" PEX F1960 x 1/2" Swivel HPP Adapter		25	ea.	\$ 6.299	36
EX18005	1/2" x 1/2" PEX F1960 HPP Elbow		25	ea.	\$ 3.350	34
EX18022	3/4" x 3/4" PEX F1960 HPP Elbow		25	ea.	\$ 6.062	34
EX18028	1" x 1" PEX F1960 HPP Elbow		10	ea.	\$ 12.002	34
EX18035	1-1/4" x 1-1/4" PEX F1960 HPP Elbow		1	ea.	\$ 25.299	34
EX18041	1-1/2" x 1-1/2" PEX F1960 HPP Elbow		1	ea.	\$ 33.686	34
EX18054	2" x 2" PEX F1960 HPP Elbow		1	ea.	\$ 81.597	34
EX18441	1-1/2" x 1-1/2" PEX F1960 HPP 45 Elbow	New!	1	ea.	\$ 32.890	34
EX18454	2" x 2" PEX F1960 HPP 45 Elbow	New!	1	ea.	\$ 79.600	34
EX19005	1/2" x 1/2" PEX F1960 HPP Coupling		25	ea.	\$ 2.572	33
EX19022	3/4" x 3/4" PEX F1960 HPP Coupling		25	ea.	\$ 3.971	33
EX19028	1" x 1" PEX F1960 HPP Coupling		10	ea.	\$ 6.618	33
EX19035	1-1/4" x 1-1/4" PEX F1960 HPP Coupling		1	ea.	\$ 14.006	33
EX19041	1-1/2" x 1-1/2" PEX F1960 HPP Coupling		1	ea.	\$ 16.726	33
EX19054	2" x 2" PEX F1960 HPP Coupling		1	ea.	\$ 55.138	33
EX19225	3/4" x 1/2" PEX F1960 HPP Coupling		25	ea.	\$ 3.311	33
EX19232	1-1/4" x 3/4" PEX F1960 HPP Coupling		1	ea.	\$ 12.560	33
EX19238	1-1/4" x 1" PEX F1960 HPP Coupling		1	ea.	\$ 12.378	33
EX19242	1-1/2" x 3/4" PEX F1960 HPP Coupling		1	ea.	\$ 14.629	33
EX19243	1-1/2" x 1-1/4" PEX F1960 HPP Coupling		1	ea.	\$ 15.510	33
EX19248	1-1/2" x 1" PEX F1960 HPP Coupling		1	ea.	\$ 15.448	33
EX19264	2" x 1-1/2" PEX F1960 HPP Coupling		1	ea.	\$ 48.711	33
EX19282	1" x 3/4" PEX F1960 HPP Coupling		5	ea.	\$ 10.302	33
EX23305NL	1/2" PEX F1960 No Lead Brass Ball Valve, Full Port		10	ea.	\$ 14.663	42
EX23305NL-BF	1/2" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port		10	ea.	\$ 14.663	43
EX23305NL-D	1/2" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port		10	ea.	\$ 16.131	43
EX23322NL	3/4" PEX F1960 No Lead Brass Ball Valve, Full Port		10	ea.	\$ 18.585	42
EX23322NL-BF	3/4" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port		10	ea.	\$ 18.585	43
EX23322NL-D	3/4" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port		10	ea.	\$ 20.634	43
EX23328NL	1" PEX F1960 No Lead Brass Ball Valve, Full Port		6	ea.	\$ 29.245	42
EX23328NL-BF	1" PEX F1960 No Lead Brass Ball Valve with Butterfly Handle, Full Port		6	ea.	\$ 29.245	43
EX23328NL-D	1" PEX F1960 No Lead Brass Ball Valve with Drain, Full Port		5	ea.	\$ 32.469	43

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
EX23335NL	1-1/4" PEX F1960 No Lead Brass Ball Valve, Full Port		4	ea.	\$ 57.758	42
EX23341NL	1-1/2" PEX F1960 No Lead Brass Ball Valve, Full Port		2	ea.	\$ 69.368	42
EX23354NL	2" PEX F1960 No Lead Brass Ball Valve, Full Port		2	ea.	\$ 146.015	42
EX23505NLB	1/2" PEX F1960 x 3/8" O.D. No Lead Brass Plated Straight Ball Valve		20	ea.	\$ 9.140	42
EX23605NLB	1/2" PEX F1960 x 3/8" O.D. No Lead Brass Plated Angle Ball Valve		20	ea.	\$ 9.604	42
EX23822NL	3/4" PEX F1960 x 3/4" MNPT No Lead Brass Ball Valve		10	ea.	\$ 16.952	43
EX23905NLB	1/2" PEX F1960 x 1/4" O.D. No Lead Straight Ball Valve		20	ea.	\$ 8.826	42
EX24205	1/2" PEX F1960 Expansion Ring		100	ea.	\$ 0.648	31 , 59
EX24219	5/8" PEX F1960 Expansion Ring		50	ea.	\$ 0.991	59
EX24222	3/4" PEX F1960 Expansion Ring		50	ea.	\$ 0.918	31 , 59
EX24228	1" PEX F1960 Expansion Ring		50	ea.	\$ 2.748	31 , 59
EX24235	1-1/4" PEX F1960 Expansion Ring		10	ea.	\$ 3.192	31
EX24241	1-1/2" PEX F1960 Expansion Ring		10	ea.	\$ 4.198	31
EX24250	2" PEX F1960 Expansion Ring		5	ea.	\$ 6.794	31
EX26222NL	3/4" x 3/4" x 3/4" PEX F1960 No Lead Brass Tee	WSL; see EX16222	25	ea.	\$ 25.359	39
EX26225NL	3/4" x 3/4" x 1/2" PEX F1960 No Lead Brass Tee	WSL; see EX16225	25	ea.	\$ 25.287	39
EX26252NL	3/4" x 1/2" x 3/4" PEX F1960 No Lead Brass Tee	WSL; see EX16252	25	ea.	\$ 27.189	39
EX26255NL	3/4" x 1/2" x 1/2" PEX F1960 No Lead Brass Tee	WSL; see EX16255	25	ea.	\$ 27.532	39
EX26555NL	1/2" x 1/2" x 1/2" PEX F1960 No Lead Brass Tee	WSL; see EX16555	25	ea.	\$ 15.902	39
EX26822NL	1" x 3/4" x 3/4" PEX F1960 No Lead Brass Tee	WSL; see EX16822	5	ea.	\$ 40.052	39
EX26882NL	1" x 1" x 3/4" PEX F1960 No Lead Brass Tee	WSL; see EX16882	5	ea.	\$ 36.509	39
EX26885NL	1" x 1" x 1/2" PEX F1960 No Lead Brass Tee	WSL; see EX16885	10	ea.	\$ 36.089	39
EX26888NL	1" x 1" x 1" PEX F1960 No Lead Brass Tee	WSL; see EX16888	10	ea.	\$ 40.198	39
EX27105NL	1/2" PEX F1960 x 1/2" M/Sweat No Lead Brass Adapter		25	ea.	\$ 6.767	37
EX27122NL	3/4" PEX F1960 x 3/4" M/Sweat No Lead Brass Adapter		25	ea.	\$ 14.463	37
EX27128NL	1" PEX F1960 x 1" M/Sweat No Lead Brass Adapter		10	ea.	\$ 26.014	37
EX27135NL	1-1/4" PEX F1960 x 1-1/4" M/Sweat No Lead Brass Adapter		5	ea.	\$ 65.686	37
EX27141NL	1-1/2" PEX F1960 x 1-1/2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 104.502	37
EX27152NL	1/2" PEX F1960 x 3/4" M/Sweat No Lead Brass Adapter	Summer 2026	25	ea.	\$ 13.682	37
EX27154NL	2" PEX F1960 x 2" M/Sweat No Lead Brass Adapter		5	ea.	\$ 296.476	37
EX27205NL	1/2" PEX F1960 x 1/2" F/Sweat No Lead Brass Adapter		25	ea.	\$ 6.763	37
EX27222NL	3/4" PEX F1960 x 3/4" F/Sweat No Lead Brass Adapter		25	ea.	\$ 15.063	37
EX27225NL	3/4" PEX F1960 x 1/2" F/Sweat No Lead Brass Adapter	New!	25	ea.	\$ 23.057	37
EX27228NL	1" PEX F1960 x 1" F/Sweat No Lead Brass Adapter		10	ea.	\$ 25.446	37
EX27235NL	1-1/4" PEX F1960 x 1-1/4" F/Sweat No Lead Brass Adapter		5	ea.	\$ 72.847	37
EX27241NL	1-1/4" PEX F1960 x 1-1/4" F/Sweat No Lead Brass Adapter		5	ea.	\$ 105.222	37
EX27254NL	2" PEX F1960 x 2" F/Sweat No Lead Brass Adapter		5	ea.	\$ 303.916	37
EX27505NL	1/2" PEX F1960 x 1/2" MNPT No Lead Brass Adapter		25	ea.	\$ 9.288	35
EX27521NL	3/4" PEX F1960 x 1" MNPT No Lead Brass Adapter		10	ea.	\$ 32.338	35
EX27522NL	3/4" PEX F1960 x 3/4" MNPT No Lead Brass Adapter		25	ea.	\$ 17.107	35
EX27528NL	1" PEX F1960 x 1" MNPT No Lead Brass Adapter		10	ea.	\$ 38.184	35
EX27535NL	1-1/4" PEX F1960 x 1-1/4" MNPT No Lead Brass Adapter		5	ea.	\$ 100.481	35
EX27541NL	1-1/2" PEX F1960 x 1-1/2" MNPT No Lead Brass Adapter		5	ea.	\$ 113.669	35
EX27552NL	1/2" PEX F1960 x 3/4" MNPT No Lead Brass Adapter		25	ea.	\$ 21.543	35
EX27554NL	2" PEX F1960 x 2" MNPT No Lead Brass Adapter		5	ea.	\$ 332.321	35
EX27582NL	1" PEX F1960 x 3/4" MNPT No Lead Brass Adapter		10	ea.	\$ 33.005	35
EX27605NL	1/2" PEX F1960 x 1/2" FNPT No Lead Brass Adapter		25	ea.	\$ 20.109	36
EX27622NL	3/4" PEX F1960 x 3/4" FNPT No Lead Brass Adapter		25	ea.	\$ 22.321	36
EX27628NL	1" PEX F1960 x 1" FNPT No Lead Brass Adapter		25	ea.	\$ 44.882	36
EX27635NL	1-1/4" PEX F1960 x 1-1/4" FNPT No Lead Brass Adapter		5	ea.	\$ 108.590	36
EX27641NL	1-1/2" PEX F1960 x 1-1/2" FNPT No Lead Brass Adapter		5	ea.	\$ 179.690	36

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
EX27654NL	2" PEX F1960 x 2" FNPT No Lead Brass Adapter		1	ea.	\$ 392.443	36
EX27G54NL	2" PEX F1960 x 2" IPS Roll Groove No Lead Brass Adapter	New!	1	ea.	\$ 122.637	38
EX27P05NL	1½" PEX F1960 x ½" Copper Press Adapter	New!	30	ea.	\$ 7.530	38
EX27P22NL	¾" PEX F1960 x ¾" Copper Press Adapter	New!	30	ea.	\$ 10.910	38
EX27P28NL	1" PEX F1960 x 1" Copper Press Adapter	New!	30	ea.	\$ 15.881	38
EX27P35NL	1-¼" PEX F1960 x 1-¼" Copper Press Adapter	New!	20	ea.	\$ 24.856	38
EX27P41NL	1-½" PEX F1960 x 1-½" Copper Press Adapter	New!	1	ea.	\$ 35.620	38
EX27P54NL	2" PEX F1960 x 2" Copper Press Adapter	New!	1	ea.	\$ 61.371	38
EX27V35NL	1-¼" PEX F1960 x 1-¼" CPVC Socket Adapter	New!	10	ea.	\$ 76.638	38
EX27V41NL	1-½" PEX F1960 x 1-½" CPVC Socket Adapter	New!	1	ea.	\$ 89.087	38
EX27V54NL	2" PEX F1960 x 2" CPVC Socket Adapter	New!	1	ea.	\$ 133.308	38
EX28005NL	½" x ½" PEX F1960 No Lead Brass Elbow	WSL; see EX18005	25	ea.	\$ 12.672	34
EX28022NL	¾" x ¾" PEX F1960 No Lead Brass Elbow	WSL; see EX18022	25	ea.	\$ 18.653	34
EX28028NL	1" x 1" PEX F1960 No Lead Brass Elbow	WSL; see EX18028	10	ea.	\$ 27.660	34
EX28208NL	½" PEX F1960 x Closed, 3-½" x 8" Stub-out Elbow	New!	50	ea.	\$ 16.464	41
EX28305NL	½" PEX F1960 x ½" FNPT Drop Ear No Lead Brass Elbow		10	ea.	\$ 23.123	36
EX28322NL	¾" PEX F1960 x ¾" FNPT Drop Ear No Lead Brass Elbow		4	ea.	\$ 50.423	36
EX28505NL	½" PEX F1960 x ½" MNPT No Lead Brass Elbow		25	ea.	\$ 23.456	35
EX29005NL	½" x ½" PEX F1960 No Lead Brass Coupling	WSL; see EX19005	25	ea.	\$ 5.208	33
EX29022NL	¾" x ¾" PEX F1960 No Lead Brass Coupling	WSL; see EX19022	25	ea.	\$ 10.799	33
EX29028NL	1" x 1" PEX F1960 No Lead Brass Coupling	WSL; see EX19028	10	ea.	\$ 15.015	33
EX29225NL	¾" x ½" PEX F1960 No Lead Brass Coupling	WSL; see EX19225	25	ea.	\$ 11.779	33
EX29282NL	1" x ¾" PEX F1960 No Lead Brass Coupling	WSL; see EX19282	10	ea.	\$ 15.425	33
EX77305	½" PEX F1960 to 1-¼" SS Manifold Connector		1	pair	\$ 37.74	55
EX77319	¾" PEX F1960 to 1-¼" SS Manifold Connector		1	pair	\$ 42.26	55
EX77322	¾" PEX F1960 to 1-¼" SS Manifold Connector		1	pair	\$ 49.01	55
EX77419	¾" PEX F1960 to 1-½" SS Manifold Connector		1	pair	\$ 58.94	58
EX77422	¾" PEX F1960 to 1-½" SS Manifold Connector		1	pair	\$ 62.70	58
EX77428	1" PEX F1960 to 1-½" SS Manifold Connector		1	pair	\$ 69.05	58
FLWSWTCH	Flow Switch for Domestic Hot Water Priority		1	ea.	\$ 340.00	96
HEP025P	HEP 25MBH Isolation Heat Exchanger Panel	Discontinued	1	ea.	\$ 5,412.00	
HEP025R	HEP 25MBH Isolation Heat Exchanger Panel Lite	Discontinued	1	ea.	\$ 3,951.00	
HEP025RT	HEP 25MBH Isolation Heat Exchanger Panel Lite w/Timer		1	ea.	\$ 4,459.00	96
HEP025RTDP	HEP 25MBH Isolation Heat Exchanger Panel Dual Pump w/Timer		1	ea.	\$ 5,494.00	96
HEP080P	HEP 80MBH Isolation Heat Exchanger Panel	Discontinued	1	ea.	\$ 5,880.00	
HEP080RT	HEP 80MBH Isolation Heat Exchanger Panel Lite w/Timer		1	ea.	\$ 4,737.00	96
HEP080RTDP	HEP 80MBH Isolation Heat Exchanger Panel Dual Pump w/Timer		1	ea.	\$ 5,963.00	96
HEP095P	HEP 95MBH Isolation Heat Exchanger Panel	Discontinued	1	ea.	\$ 8,089.00	
Knight01	Panel for Knight Wall Mount Boiler (3 Pump)	Discontinued	1	ea.	\$ 3,932.00	
Knight02	Panel for Knight Wall Mount Boiler (4 Pump)	Discontinued	1	ea.	\$ 4,532.00	
NTRWSH1	1" x 3mm Blk Nitrile Washer for Panels		5	ea.	\$ 4.75	141
NTRWSH1-SRV	1" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)		5	ea.	\$ 6.53	141
NTRWSH34	¾" x 3mm Blk Nitrile Washer for Panels		5	ea.	\$ 2.57	141
NTRWSH34-SRV	¾" x 1.5mm Blk Nitrile (replacement washers Pre-2014 Panels)		5	ea.	\$ 2.13	141
OPT-SMP-680	Optional SMP Control Upgrade to BMS 680 BACnet (30090,30091 Sold Sep.)	Discontinued	1	ea.	\$ 5,836.00	
PC2319CVR	Powder Coated Cover 23"x19" for HEP025/80R/T/DP,3WMIX,4WMIX		1	ea.	\$ 370.00	96
PLC1R2	Controller for TMP040/070, SMP, ZMP, ELB and old SSP/SST		1	ea.	\$ 1,281.28	141
PLC4AR2	Controller for TMP085DP, TMP200DT		1	ea.	\$ 1,458.64	141
PLC5R2	Controller for TWH070Z using FLWSWTCH		1	ea.	\$ 1,707.54	141
PLC6R2P3	Controller for CDP Panels with 3 Pumps	Call for Availability	1	ea.	\$ 1,618.49	141
PLC6R2P4	Controller for CDP Panels with 4 Pumps	Call for Availability	1	ea.	\$ 1,631.43	142

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
PLC7R1P1	Controller for WHP using HEPPS		1	ea.	\$ 1,977.78	142
PLC7R1P2	Controller for HEP using HEPPS		1	ea.	\$ 1,977.78	142
PLC7R1P2-TWH	Controller for TWH (except for Z models) using HEPPS		1	ea.	\$ 2,094.24	142
PLC7R2P1	Controller for WHP using FLWSWTCH		1	ea.	\$ 1,336.31	142
PLC7R2P2	Controller for HEP, TWH (except Z) using FLWSWTCH		1	ea.	\$ 1,336.92	142
PLINTR40VA	24Vac 40VA Plug-In Transformer for Panels		1	ea.	\$ 187.95	76, 142
PUMP1558	UPS15-58RU Composite 115V Pump		1	ea.	\$ 524.21	142
PUMP2699	UPS26-99FC 115V Cast Iron Pump		1	ea.	\$ 1,241.58	142
PUMP2699BR	UPS26-99BFC 115V Bronze Pump		1	ea.	\$ 1,990.09	142
PWRB6R2	Power Box for CDP Panels	WSL	1	ea.	\$ 1,202.45	142
SMCP	Snowmelt Control c/w ETO2 DDC and 2 Strap On Sensors	Discontinued; see ETO2SMCNTR	1	ea.	\$ 2,371.21	
SMCP-654	Snow Melt Control Package - 30654		1	ea.	\$ 3,045.10	80
SMCP-654PWM	Snow Melt Control Package - 30654 Pulse Width Modulation		1	ea.	\$ 3,045.10	80
SMP175-654-HEX	SMP 175MBH SS Snow Melt Panel 2x20 HEX (30090,30091 sold sep)		1	ea.	\$ 19,387.00	119
SMP175-680-HEX	SMP 175MBH SS Snow Melt Panel 2x20 HEX BACnet (30090,30091 sold sep)		1	ea.	\$ 25,631.00	120
SMP175SS-HEX	SMP 175MBH SS Snow Melt Panel 2x20 HEX (DRVWSNS-SS sold sep)	Discontinued; see SMP175-654-HEX	1	ea.	\$ 18,118.00	
SMP300-654-HEX	SMP 300MBH SS Snow Melt Panel 2x30 HEX (30090,30091 sold sep)		1	ea.	\$ 19,703.00	119
SMP300-654-HEX-H	SMP 365MBH SS Snow Melt Panel 3x30 HEX & HH Pump (30090,30091 sold sep)		1	ea.	\$ 22,072.00	119
SMP300-654-HEX-HH	SMP 365MBH SS Snow Melt Panel 3x30 HEX & 2xHH Pump (30090,30091 sold sep)		1	ea.	\$ 23,982.00	119
SMP300-680-HEX	SMP 300MBH SS Snow Melt Panel 2x30 HEX BACnet (30090,30091 sold sep)		1	ea.	\$ 25,948.00	120
SMP300-680-HEX-H	SMP 365MBH SS Snow Melt Panel 3x30 HEX & HH Pmp BAC (30090,30091 sold sep)		1	ea.	\$ 28,317.00	120
SMP300-680-HEX-HH	SMP 365MBH SS Snow Melt Panel 3x30 HEX & 2xHH Pmp BAC (30090,30091 sold sep)		1	ea.	\$ 30,227.00	120
SMP300SS-HEX	SMP 300MBH SS Snow Melt Panel 2x30 HEX (DRVWSNS-SS sold sep)	Discontinued; see SMP300-654-HEX	1	ea.	\$ 18,414.00	
SMP335	SMP 335MBH Copper Snow Melt Panel 4x20 Plate HEX (DRVWSNS-SS sold sep)	Discontinued; see SMP335-654	1	ea.	\$ 39,899.00	
SMP335-654	SMP 335MBH Copper Snow Melt Panel 4x20 Plate HEX (30090,30091 sold sep)		1	ea.	\$ 42,692.00	123
SMP335-680	SMP 335MBH Copper Snow Melt Panel 4x20 HEX BACnet (30090,30091 sold sep)		1	ea.	\$ 48,937.00	124
SMP375-654	SMP 300MBH SS Snow Melt Panel (No HEX; 30090,30091 sold sep)		1	ea.	\$ 15,343.00	117
SMP375-654-H	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; 30090,30091 sold sep)		1	ea.	\$ 16,574.00	117
SMP375-680	SMP 300MBH SS Snow Melt Panel BACnet (No HEX; 30090,30091 sold sep)		1	ea.	\$ 21,588.00	118
SMP375-680-H	SMP 375MBH SS Snow Melt Panel w/HH Pump BAC (No HEX; 30090,30091 sold sep)		1	ea.	\$ 22,818.00	118
SMP375SS	SMP 300MBH SS Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	Discontinued; see SMP375-654	1	ea.	\$ 14,339.00	
SMP375SSH	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; DRVWSNS-SS sold sep)	Discontinued; see SMP375-654-H	1	ea.	\$ 15,489.00	
SMP400D	SMP 400MBH Copper Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	Discontinued; see SMP400D-654	1	ea.	\$ 31,079.00	
SMP400D-654	SMP 400MBH Copper Snow Melt Panel (No HEX; 30090,30091 sold sep)		1	ea.	\$ 33,255.00	121
SMP400D-680	SMP 400MBH Copper Snow Melt Panel BACnet (No HEX; 30090,30091 sold sep)		1	ea.	\$ 39,500.00	122
SMP425	SMP 425MBH Copper Snow Melt Panel 4x30 Plate HEX (DRVWSNS-SS sold sep)	Discontinued; see SMP425-654	1	ea.	\$ 40,710.00	
SMP425-654	SMP 425MBH Copper Snow Melt Panel 4x30 Plate HEX (30090,30091 sold sep)		1	ea.	\$ 43,560.00	123
SMP425-680	SMP 425MBH Copper Snow Melt Panel 4x30 HEX BACnet (30090,30091 sold sep)		1	ea.	\$ 49,805.00	124
TFT01	TFT01 Boiler Panel 3 Pump	Discontinued	1	ea.	\$ 3,932.00	
TFT02	TFT02 High Capacity Boiler 4 Pump	Discontinued	1	ea.	\$ 4,532.00	
TMP040	TMP 40MBH 3-Way Mixing Panel		1	ea.	\$ 2,989.00	92
TMP070	TMP 70MBH 3-Way Mixing Panel		1	ea.	\$ 3,313.00	92
TMP070RS	TMP 70MBH 3-Way Mixing Panel (Automatic Outdoor Reset)	Discontinued	1	ea.	\$ 5,936.00	
TMP070Z	TMP 70MBH 3-Way Mixing Panel with Zoning		1	ea.	\$ 4,631.00	93
TMP085DP	TMP 85MBH Dual Pump 3-Way Mixing panel	Discontinued	1	ea.	\$ 4,524.00	
TWH070P	TWH 70MBH Tankless Water Heater Mixing Panel (DHW Priority Opt)	Discontinued	1	ea.	\$ 4,280.00	

Stk#	Description	Status	Pkg Qty	Unit	List Price / Unit	Pg.
TWH070XP	TWH 70MBH HH Tankless Water Heater Mixing Panel (DHW Priority Opt)	Discontinued	1	ea.	\$ 6,156.00	
TWH070XPZ	TWH 70MBH High Head Tankless Water Heater Mixing Panel with Zoning	Discontinued	1	ea.	\$ 6,836.00	
TWH070Z	TWH 70MBH Tankless Water Heater Mixing Panel with Zoning	Discontinued	1	ea.	\$ 4,866.00	
V101	V100 Boiler Panel 1 Htg 1 DHW	Discontinued	1	ea.	\$ 4,120.00	
V102	V100 Boiler Panel 2 Htg 1 DHW	Discontinued	1	ea.	\$ 4,884.00	
V103	V100 Boiler Panel 3 Htg	Discontinued	1	ea.	\$ 4,884.00	

New Products :

Stk#	Description	Pg.
11328.2	1" Standard Press Tool for SS Sleeve - Go-No-Go Gauge	140
12052	½" & ¾" J-Clip	126
21428	1" 5x12ft Red PureLink® Plus UV Stabilized PEX-a Tubing	6
27G54NL	2" PEX F1807 × 2" IPS Roll Groove No Lead Brass Adapter	22
94154	2" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	44
94254	2" 5x20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	45
94354	2" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	44
EX13208C	8 Port, ¾" PEX F1960 × Closed End HPP Commercial Multiport Tee	32
EX13810C	10 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	32
EX13812C	12 Port, 1" PEX F1960 × Closed End HPP Commercial Multiport Tee	32
EX18441	1-½" × 1-½" PEX F1960 HPP 45 Elbow	34
EX18454	2" × 2" PEX F1960 HPP 45 Elbow	34

Stk#	Description	Pg.
EX27152NL	½" PEX F1960 × ¾" M/Sweat No Lead Brass Adapter	37
EX27225NL	¾" PEX F1960 × ½" F/Sweat No Lead Brass Adapter	37
EX27G54NL	2" PEX F1960 × 2" IPS Roll Groove No Lead Brass Adapter	38
EX27P05NL	½" PEX F1960 x ½" Copper Press Adapter	38
EX27P22NL	¾" PEX F1960 x ¾" Copper Press Adapter	38
EX27P28NL	1" PEX F1960 x 1" Copper Press Adapter	38
EX27P35NL	1-¼" PEX F1960 x 1-¼" Copper Press Adapter	38
EX27P41NL	1-½" PEX F1960 x 1-½" Copper Press Adapter	38
EX27P54NL	2" PEX F1960 x 2" Copper Press Adapter	38
EX27V35NL	1-¼" PEX F1960 x 1-¼" CPVC Socket Adapter	38
EX27V41NL	1-½" PEX F1960 x 1-½" CPVC Socket Adapter	38
EX27V54NL	2" PEX F1960 x 2" CPVC Socket Adapter	38
EX28208NL	½" PEX F1960 × Closed, 3-½" × 8" Stub-out Elbow	41

Discontinued Products :

Stk#	Description	Substitute
23905NL	½" PEX × ¼" O.D. No Lead Straight Ball Valve	23905NLB
27328NL	¾" PEX × 1" F/Sweat No Lead Adapter	
3WMIX	3-Way Mixing Panel 1-¼" 26-99 Pump	3WMIX-360
3WMIX-SMCP	3-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt	3WMIX-654
3WMIXHH	3-Way Mixing Panel 1-¼" 26-150 Pump	3WMIXHH-360
3WMIXHH-SMCP	3-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt	3WMIXHH-654
4WMIX	4-Way Mixing Panel 1-¼" 26-99 Pump	4WMIX-360
4WMIX-SMCP	4-Way Mixing Panel 1-¼" 26-99 Pump Snow Melt	4WMIX-654
4WMIXHH	4-Way Mixing Panel 1-¼" 26-150 Pump	4WMIXHH-360
4WMIXHH-SMCP	4-Way Mixing Panel 1-¼" 26-150 Pump Snow Melt	4WMIXHH-654
62220	Straight Zone Valve ¾" NPT, Nickel Plated	
62816	Zone Valve Insert ½" (Blue Cap)	
62900V	Zone Valve Insert for 62000V Series Valves	
62920	Radiator Valve Insert ¾" (Black Cap)	
76924	O-ring for 1-¼" SS Manifold Coupling and End Connections	
77739	O-ring for PEX to 1-¼" SS Manifold Connector	
86028	1" Conduit 90s	
BC G2-1	Standard Boiler Panel 3 Pump	
BC G2-2	High Capacity Boiler Panel 4 Pump	
BC G2-3	BC G.Combi Boiler Panel	
CAD01	CAD Boiler Panel 3 Pump	
CAD02	CAD Boiler Panel High Capacity 4 Pump	
ECO1ZN3P	ECO Boiler Panel 3 Pump	
ECO2ZN4P	ECO Boiler Panel High Capacity 4 Pump	
HEP025P	HEP 25MBH Isolation Heat Exchanger Panel	
HEP025R	HEP 25MBH Isolation Heat Exchanger Panel Lite	
HEP080P	HEP 80MBH Isolation Heat Exchanger Panel	
HEP095P	HEP 95MBH Isolation Heat Exchanger Panel	
Knight01	Panel for Knight Wall Mount Boiler (3 Pump)	
Knight02	Panel for Knight Wall Mount Boiler (4 Pump)	

Stk#	Description	Substitute
OPT-SMP-680	Optional SMP Control Upgrade to BMS 680 BACnet (30090,30091 Sold Sep.)	
SMCP	Snowmelt Control c/w ET02 DDC and 2 Strap On Sensors	
SMP175SS-HEX	SMP 175MBH SS Snow Melt Panel 2×20 HEX (DRVWSNS-SS sold sep)	SMP175-654-HEX
SMP300SS-HEX	SMP 300MBH SS Snow Melt Panel 2×30 HEX (DRVWSNS-SS sold sep)	SMP300-654-HEX
SMP300SS-HEX-H	SMP 365MBH SS Snow Melt Panel 3×30 HEX & HH Pump (DRVWSNS-SS sold sep)	SMP300-654-HEX-H
SMP335	SMP 335MBH Copper Snow Melt Panel 4×20 Plate HEX (DRVWSNS-SS sold sep)	SMP335-654
SMP375SS	SMP 300MBH SS Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	SMP375-654
SMP375SSH	SMP 375MBH SS Snow Melt Panel with HH Pump (No HEX; DRVWSNS-SS sold sep)	SMP375-654-H
SMP400D	SMP 400MBH Copper Snow Melt Panel (No HEX; DRVWSNS-SS sold sep)	SMP400D-654
SMP425	SMP 425MBH Copper Snow Melt Panel 4×30 Plate HEX (DRVWSNS-SS sold sep)	SMP425-654
TFT01	TFT01 Boiler Panel 3 Pump	
TFT02	TFT02 High Capacity Boiler 4 Pump	
TMP070RS	TMP 70MBH 3-Way Mixing Panel (Automatic Outdoor Reset)	
TMP085DP	TMP 85MBH Dual Pump 3-Way Mixing panel	
TWH070P	TWH 70MBH Tankless Water Heater Mixing Panel (DHW Priority Opt)	
TWH070XP	TWH 70MBH HH Tankless Water Heater Mixing Panel (DHW Priority Opt)	
TWH070XPZ	TWH 70MBH High Head Tankless Water Heater Mixing Panel with Zoning	
TWH070Z	TWH 70MBH Tankless Water Heater Mixing Panel with Zoning	
V101	V100 Boiler Panel 1 Htg 1 DHW	
V102	V100 Boiler Panel 2 Htg 1 DHW	
V103	V100 Boiler Panel 3 Htg	

Johnston High School

Johnston, Iowa

Architect: FRK Architects + Engineers

Radiant heating: 209,000 sq.ft.

Tubing: 211,000 ft. ½" oxygen barrier PEX-a

Distribution: 125 manifolds, 880 loops



Arthur J.E. Child Comprehensive Cancer Centre

Calgary, Alberta

Architect: DIALOG Design

Radiant heating: 7,769 sq.ft.

Snow melting: 13,935 sq.ft.

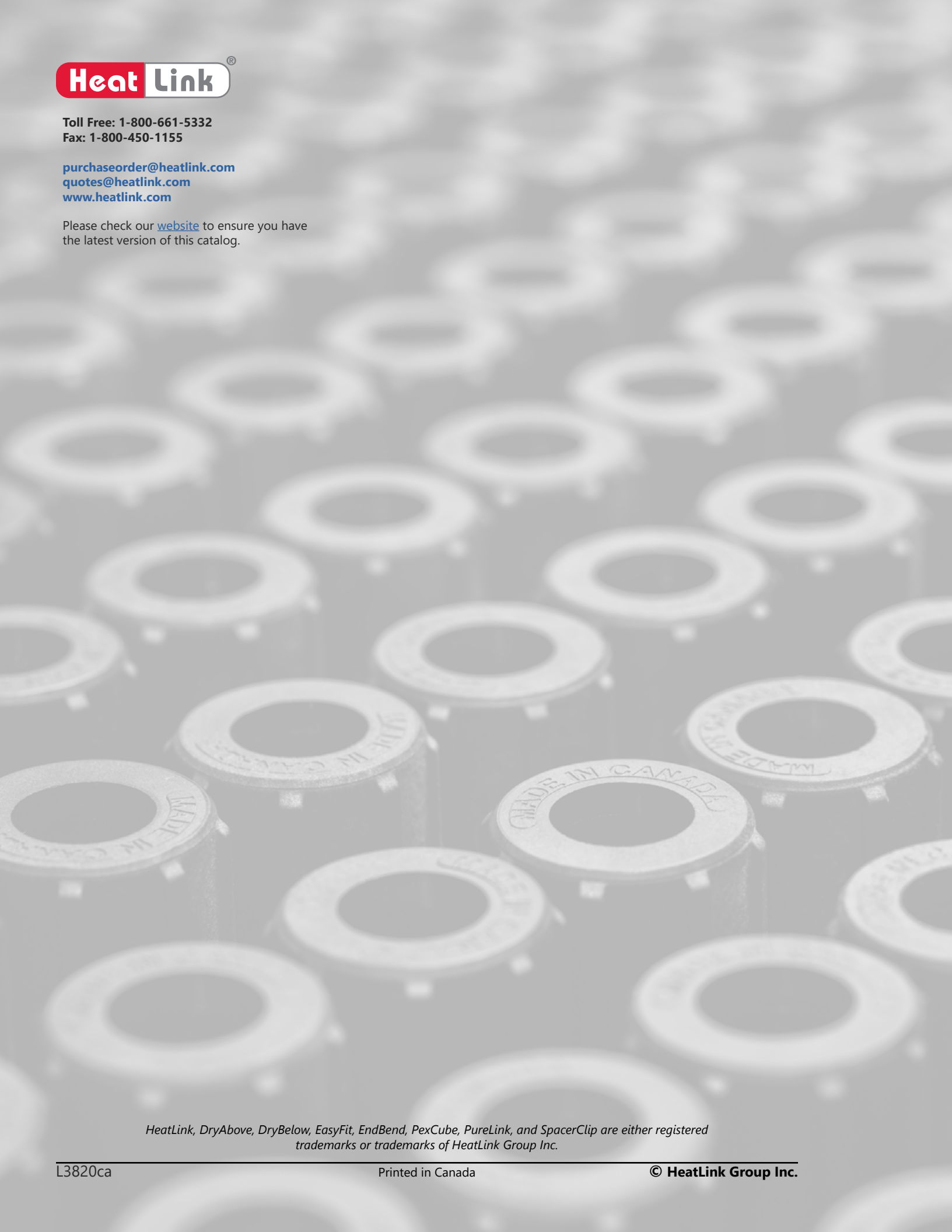




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