



Plumbing, Heating, & Panels
Product Catalog / Price List

2011 - USA
Effective July 1, 2011



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Please note: this price list supersedes all previous pricelists.

Our standard discount structure is as follows:

H - Heating Discount

P - Plumbing Discount

HP - Heating Tubing Discount

PP - Plumbing Tubing Discount

For your discounts please contact your local sales representative.

Shipping Allowances

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

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

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

Minimum order value: \$100.00

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

General Provisions

1. (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.

Plans and Specifications

2. 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.

Prices and Quotations

3. (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.

Terms of Payment

4. (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.

Reservation of Title and Property

5. (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 hereinbefore 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.

Delivery of Goods

6. (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 (1/2%) 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.

Risk of Property

7. (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.

Return of Goods

8. (a) All or any goods returned without prior authorization by HeatLink Group Inc. shall not be accepted.
- (b) If returns are authorized by HeatLink Group Inc., goods will be accepted as follows:
 - (i) New and unused goods upon authorization by HeatLink Group Inc., with freight to be prepaid plus 25% restocking charge.
 - (ii) Outdated goods, with freight prepaid plus 25% restocking charge plus refurbishing costs.
- (c) In all cases, unless express written authorization is given, goods must be returned in condition for immediate resale. If goods and packaging are not in condition for immediate resale, HeatLink Group Inc. reserves the right to refuse to accept the returned goods, charge additionally for refurbishing goods or packaging, or any other agreed to return remedy negotiated with the customer. In all cases, HeatLink Group Inc. will have the final approval as to whether returned goods are accepted or unaccepted under any of the above remedies.

Insurance

9. 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.

Applicable Law

10. 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.



PEX Tubing with O₂ Barrier 94000 Series

High molecular cross-linked polyethylene (PEX) with minimum bending radii of 6x the diameter at 68°F (20°C). Maximum operating temperature: 180°F @ 100 PSI (82°C @ 690 kPa). Covered by a twenty-five year manufacturers limited warranty. Comes with oxygen diffusion barrier which prevents oxygen from entering the heating system through the tubing wall.

1-1/4" ID (40x3.7mm) to 4" ID (110x10.0mm) PEX-a Tubing is subject to extended lead times.

Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
94312	3/8" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	40	coil	HP	
94205	1/2" 250ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	40	coil	HP	
94305	1/2" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	40	coil	HP	
94505	1/2" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	24	coil	HP	
94105	1/2" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	HP	
94219	5/8" 225ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	24	coil	HP	
94419	5/8" 450ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	HP	
94519	5/8" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	HP	
94119	5/8" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	HP	
94322	3/4" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	16	coil	HP	
94522	3/4" 500ft O ₂ barrier HeatLink® UV Stabilized PEX-a Tubing	1	12	coil	HP	
94122	3/4" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	HP	
94128	1" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	21	coil	HP	
94528	1" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	5	coil	HP	
94240	40mm x 3.7 (1-1/4") 150ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	
94340	40mm x 3.7 (1-1/4") 300ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	
94250	50mm x 4.5 (1-1/2") 150ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	
94350	50mm x 4.5 (1-1/2") 300ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	
94263	63mm x 5.7 (2") 150ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	
94363	63mm x 5.7 (2") 300ft HeatLink® O ₂ Barrier PEX-a Tubing	1	—	coil	HP	

Stk#	Description	Pkg Qty	Master Bag	Unit	Disc.	List Price / Unit
94222	3/4" 10x20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	HP	
94228	1" 5x20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing	1	20	bundle	HP	



PEX Tubing Non Barrier 20000 & 99000 Series

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

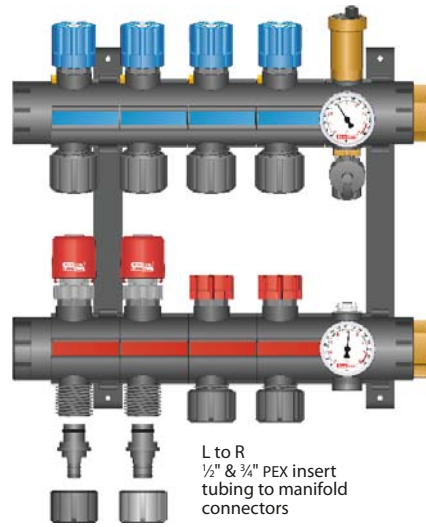
	Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
Special Order	99212	3/8" 200ft HeatLink® natural UV Stabilized PEX-a Tubing	1	—	coil	PP	
Special Order	99912	3/8" 1000ft HeatLink® natural UV Stabilized PEX Tubing	1	—	coil	PP	
Special Order	99419	5/8" 450ft HeatLink® natural UV Stabilized PEX-a Tubing	1	16	coil	PP	
Special Order	99119	5/8" 1000ft HeatLink® natural UV Stabilized PEX-a Tubing	1	12	coil	PP	
	20305	1/2" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	32	coil	PP	
	20505	1/2" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	24	coil	PP	
	20905	1/2" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	14	coil	PP	
	20322	3/4" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	14	coil	PP	
	20522	3/4" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	9	coil	PP	
	20922	3/4" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	5	coil	PP	
	20128	1" 100ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	21	coil	PP	
	20328	1" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	9	coil	PP	



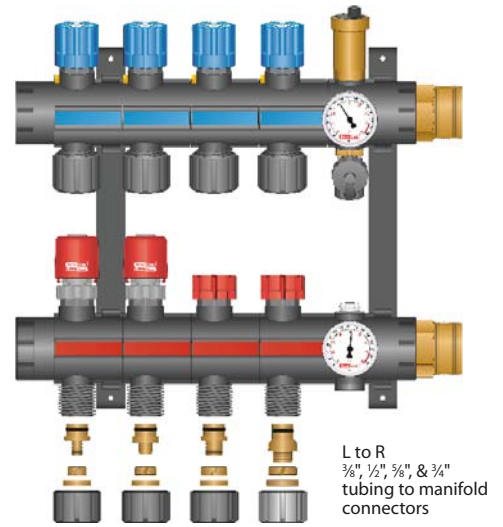
TwistSeal® (55 mm) Manifolds

Features & Benefits :

- Modular “tool-less” assembly.
- Multiple configurations from basic to deluxe (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.
- 3/8", 1/2", 5/8", and 3/4" tubing to manifold connectors available.
- Test rated to over 230 PSI @ 180°F water temperature.
- **5 year limited warranty.**



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



(79402 assembly kit shown with 4x 78400 module pairs and 2 actuators)

Typical Applications:

- Commercial.
- Snow melting.

Assembly Kit	# of loops	Choose Module Type	Additional Brackets	Recommended Housing*	
		Balancing		Recessed	Surface Mount
79400 or 79401 or 79402	2	2x 78400	-	71724	71424
	3	3x 78400	-	71724	71424
	4	4x 78400	-	71730	71430
	5	5x 78400	-	71730	71430
	6	6x 78400	1x 79991	71743	71430
	7	7x 78400	1x 79991	71743	71442
	8	8x 78400	1x 79991	71743	71442
	9	9x 78400	2x 79991	71743	71442
	10	10x 78400	2x 79991	71743	71442
	11	11x 78400	2x 79991	n/a	n/a
	12	12x 78400	3x 79991	n/a	n/a

Actuator Selection

Actuator with LED	56200
Actuator with End Switch	56230
DDC Actuator	56121 (grey ring)

Tubing Size	Tubing to Manifold Connectors / Loop		Conduit Elbows / Loop for “Wet” Installation
	Compression	PEX Insert	
3/8"	77012	n/a	2x 86005
1/2"	77005	2x 23015	2x 86005
5/8"	77019	n/a	2x 86020
3/4"	77022	2x 23032	2x 86022

*recommended housing based on 79402 kit and 90° mains piping



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" FPT 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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79400	1" TwistSeal® (55 mm) Deluxe Manifold Assembly Kit	1	20	ea.	H	



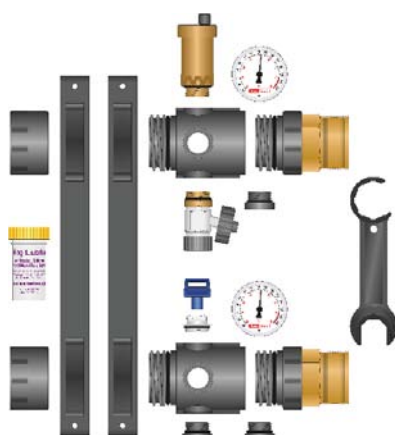
TwistSeal® (55 mm) Basic Manifold Assembly Kit Stk# 79401

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

- 2 mounting brackets
- 2 - 1" FPT supply end connections
- 2 closed end caps
- 1 lube bottle

Wrench (#79922) sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79401	1" TwistSeal® (55 mm) Basic Manifold Assembly Kit	1	20	ea.	H	



TwistSeal® (55 mm) Commercial Manifold Assembly Kit Stk# 79402

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

- 2 mounting brackets
- 2 - 1-1/2" MPT 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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79402	1-1/2" TwistSeal® (55 mm) Commercial Manifold Assembly Kit	1	20	ea.	H	

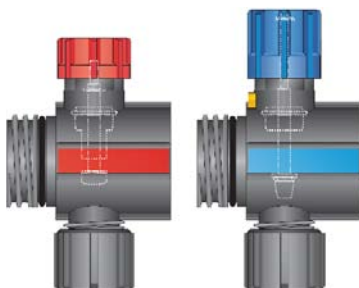


Mounting Bracket (55 mm)

Stk# 79991

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79991	TwistSeal® (55 mm) Mounting Bracket	1	—	ea.	H	



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.

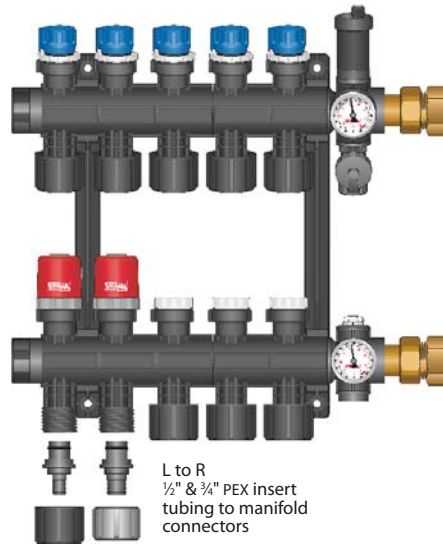
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
78400	TwistSeal® Deluxe (55mm) Heavy Duty Zone Valve Supply & Balancing Return Module Pair	1	10	pair	H	

Features & Benefits :

- Modular “tool-less” assembly.
- Multiple configurations from basic to deluxe (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.
- 3/8", 1/2", 5/8", and 3/4" tubing to manifold connectors available.
- Test rated to over 230 PSI @ 180°F water temperature.
- **5 year limited warranty.**

Typical Applications:

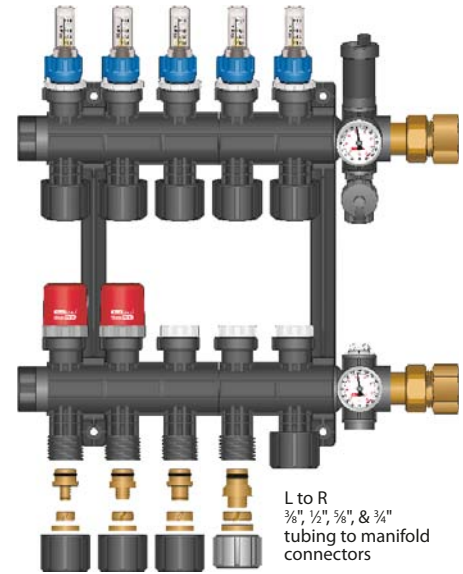
- Residential.
- Small commercial.



(79200 assembly kit shown with 78322 and 78323 module pairs and 2 actuators)

7832x Module Specific Features:

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



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

7830x Module Specific Features:

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

Assembly Kit	# of loops	Choose Module Type			Additional Brackets	Recommended Housing	
		Balancing	Multiport Balancing	Multiport Flow Meter		Recessed	Surface Mount
79200	2	2x 78200	1x 78322	1x 78302	-	71724	71424
	3	3x 78200	1x 78323	1x 78303	-	71724	71424
	4	4x 78200	2x 78322	2x 78302	-	71724	71424
	5	5x 78200	1x 78322 1x 78323	1x 78302 1x 78303	-	71730	71430
	6	6x 78200	2x 78323	2x 78303	1x 79892	71730	71430
	7	7x 78200	2x 78322 1x 78323	2x 78302 1x 78303	1x 79892	71730	71442
	8	8x 78200	1x 78322 2x 78323	1x 78302 2x 78303	1x 79892	71743	71442
	9	9x 78200	3x 78323	3x 78303	2x 79892	71743	71442
	10	10x 78200	2x 78322 2x 78323	2x 78302 2x 78303	2x 79892	71743	71442
	11	11x 78200	1x 78322 3x 78323	1x 78302 3x 78303	2x 79892	71743	71442
	12	12x 78200	4x 78323	4x 78303	3x 79892	71743	n/a
Actuator Selection							
Actuator with LED		56200	56202	56202			
Actuator with End Switch		56230	56232	56232			
DDC Actuator		56121 (grey ring)	n/a	n/a			

Tubing Size	Tubing to Manifold Connectors / Loop		Conduit Elbows / Loop for “Wet” Installation
	Compression	PEX Insert	
3/8"	77012	n/a	2x 86005
1/2"	77005	2x 23015	2x 86005
5/8"	77019	n/a	2x 86020
3/4"	77022	2x 23032	2x 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 gasket
- 2 - 1" MBSP x 1" FPT adapter
- 2 red rubber gaskets for air testing
- 2 closed end caps
- 1 - ½" cross tee plug
- 1 thermometer pair
- 1 automatic air vent (may not be exactly as shown)
- 1 manual air vent with key
- 1 hose bib (may not be exactly as shown)
- 1 lube bottle

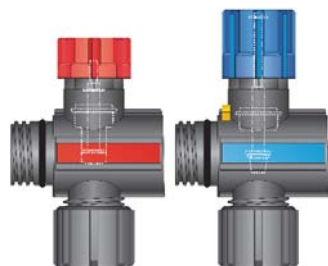
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79200	1" TwistSeal® Mini (40 mm) Deluxe Manifold Assembly Kit	1	20	ea.	H	



Mini Mounting Bracket (40 mm) Stk# 79892

Plastic mounting bracket which allow easy 'snap-on' mounting of manifolds. Offset provides tubing passage behind 2nd manifold.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79892	TwistSeal® Multiport (40mm) Double Mounting Bracket	1	—	ea.	H	



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.

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



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. O-rings are included.

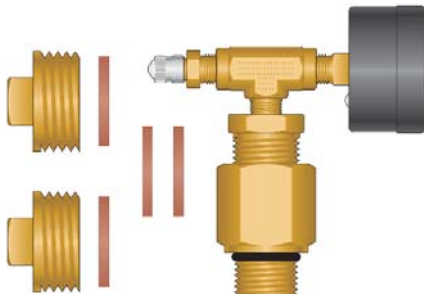
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
78302	TwistSeal® Mini (40 mm) 2-port Multiport Zone Valve Supply & Flow Meter Balancing Return Module Pair	1	6	pair	H	
78303	TwistSeal® Mini (40 mm) 3-port Multiport Zone Valve Supply & Flow Meter Balancing Return Module Pair	1	4	pair	H	



TwistSeal® Mini (40 mm) Multiport Zone Valve Supply & Balancing Return Module Pair 78320 Series

The supply module provides on/off manual control to allow isolation of individual loops. The return module permits balancing of the flow rate. O-rings are included.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New! 78322	TwistSeal® Mini (40 mm) 2-port Multiport Zone Valve Supply & Flow Balancing Return Module Pair	1	6	pair	H	
New! 78323	TwistSeal® Mini (40 mm) 3-port Multiport Zone Valve Supply & Flow Balancing Return Module Pair	1	4	pair	H	

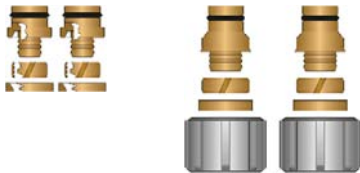


Pressure Test Kit Stk# 79935

Pressure test kit for use with TwistSeal® and TwistSeal® Mini (40 mm) manifolds. Replaces automatic air vent on cross tee for testing purposes.

Kit includes two 1" plugs and 4 red rubber gaskets (2 are spares). For air tests use the red rubber gaskets; for hydrostatic tests use green fibre gaskets (included in manifold assembly kits).

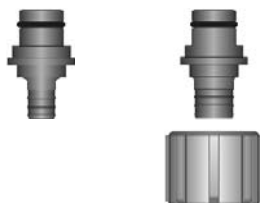
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79935	Pressure Test Kit	1	—	ea.	H	



Tubing to Manifold Connector 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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
77012	3/8" Tubing to Manifold connector	1	10	pair	H	
77005	1/2" Tubing to Manifold connector	1	10	pair	H	
77019	5/8" Tubing to Manifold connector	1	10	pair	H	
77022	3/4" Tubing to Manifold connector with nut	1	10	pair	H	



Tubing to Manifold Connectors 23000 Series

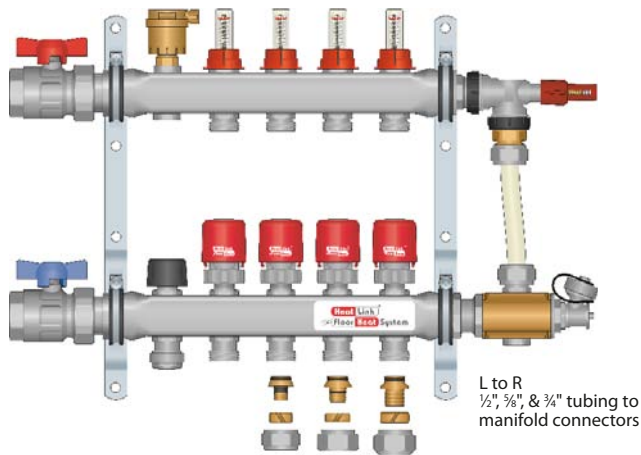
Plastic fitting is installed into the bottom of the manifold module and is held in place by the nut. The tubing is then pressed on to this fitting. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23015	1/2" PEX Insert Manifold Connector	5	—	ea.	P	
23032	3/4" PEX Insert Manifold Connector with nut	5	—	ea.	P	

Common Features:

- Preassembled configurations from 2 to 12 loops.
- Integrated 1" FPT isolation valves and hosebibs.
- Zone valve return balancing with manual shut-off; accepts optional actuators.
- 1/2", 5/8", and 3/4" tubing to manifold connectors available.

76100 Series



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

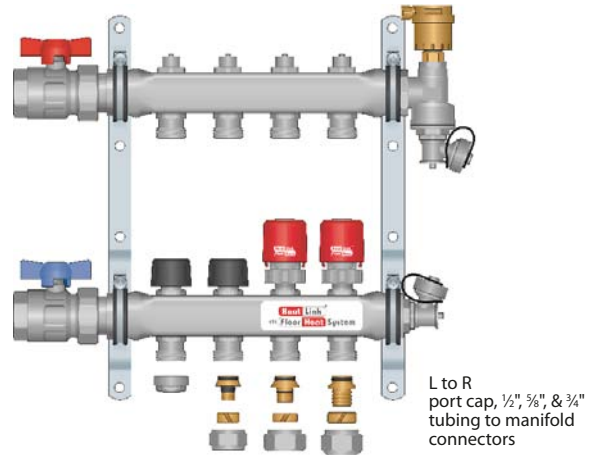
Model Specific Features:

- Balancing supply with 0-1.5 US gpm (0-5 L/min) flow meter.

Typical Applications:

- Residential.
- Small commercial.

76200 Series



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

Model Specific Features:

- Balancing supply.

Typical Applications:

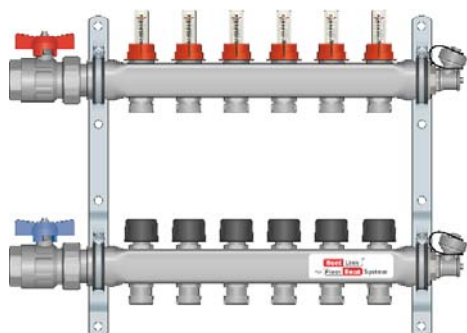
- Commercial.
- Snow melting.

# of loops	Recommended Housing*	
	Recessed	Surface Mount
2	71724	71424
3	71724	71424
4	71730	71424
5	71730	71430
6	71730	71430
7	71743	71430
8	71743	71442
9	71743	71442
10	71743	71442
11	71743	71442
12	71743	71442

Tubing Size	Tubing to Manifold Connectors / Loop	Conduit Elbows / Loop for "Wet" Installation
1/2"	77105	2x 86005
5/8"	77119	2x 86020
3/4"	77122	2x 86022

Manifold Series	Actuator with LED	Actuator with End Switch	DDC Actuator
Stainless Steel (76100 or 76200 series)	56201	56231	56121 (white ring)

*recommended housing based on 90° mains piping



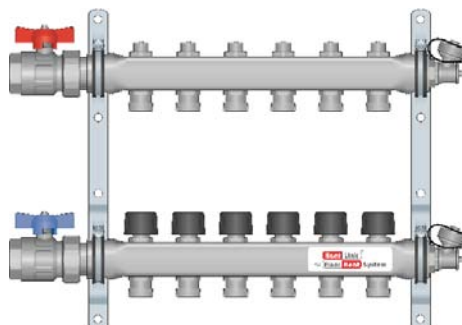
Stainless Steel Manifolds 76100 Series

Manifold includes:

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

Connectors & port caps sold separately

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76102	2 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76103	3 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76104	4 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76105	5 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76106	6 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76107	7 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76108	8 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76109	9 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76110	10 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76111	11 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	
76112	12 Loop SS Manifold with Flow Meter Balancing Supply and Z.V. Return	1	—	ea.	H	



Stainless Steel Manifolds 76200 Series

Manifold includes:

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

Connectors & port caps sold separately

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76202	2 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76203	3 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76204	4 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76205	5 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76206	6 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76207	7 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76208	8 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76209	9 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76210	10 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76211	11 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	
76212	12 Loop SS Manifold with Balancing Supply and Z.V. Return	1	—	ea.	H	

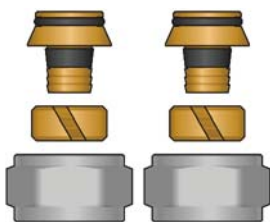


Port Caps for Stainless Steel Manifolds

Stk# 77100

Caps off unused ports on the Stainless Steel Manifold.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
77100	SS Manifold Port Cap	1	10	pair	H	



Tubing to Manifold Connectors for Stainless Steel Manifolds 77100 Series

Connects PEX tubing to Stainless Steel Manifold.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
77105	½" Manifold Connector for SS Manifold	1	10	pair	H	
77119	⅝" Manifold Connector for SS Manifold	1	10	pair	H	
77122	¾" Manifold Connector for SS Manifold	1	10	pair	H	



Stainless Steel Manifold Coupling

Stk# 76100

Used to connect SS manifolds together.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76100	SS Manifold Coupling	1	—	ea.	H	

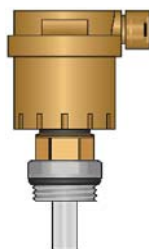


½" Plug for Stainless Steel Manifold

Stk# 76905

Plug to seal SS manifold outlet.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76905	½" Plug for SS Manifold	1	—	ea.	H	

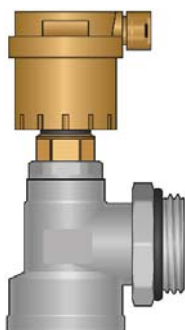


Automatic Air Vent for Stainless Steel Manifold

Stk# 76932

Add an automatic air vent to the SS manifold by replacing a valve.

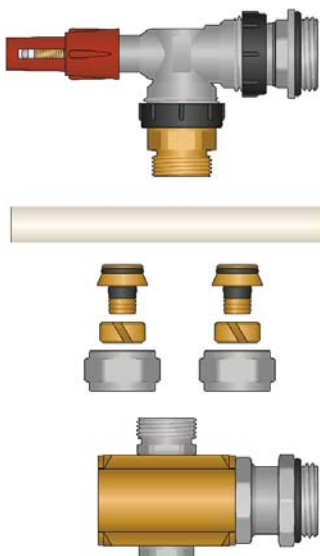
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76932	Automatic Air Vent for SS Manifold	1	—	ea.	H	



Side Mount Automatic Air Vent Set for Stainless Steel Manifold Stk# 76935

Add an automatic air vent to the SS manifold without occupying a loop.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76935	Side Mount Automatic Air Vent Set for SS Manifold	1	—	ea.	H	



Pressure Bypass Kit for Stainless Steel Manifold Stk# 76937

This valve prevents a steep rise of the pump head and maintains flow at a stable rate. Also ensures only required amount of circulating water is used for hydronic systems. The valve can be adjusted to any point between 0.05 and 0.5 bar (1.67 and 16.7 ft H₂O).

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76937	Pressure Bypass Kit for SS Manifold	1	—	ea.	H	



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)

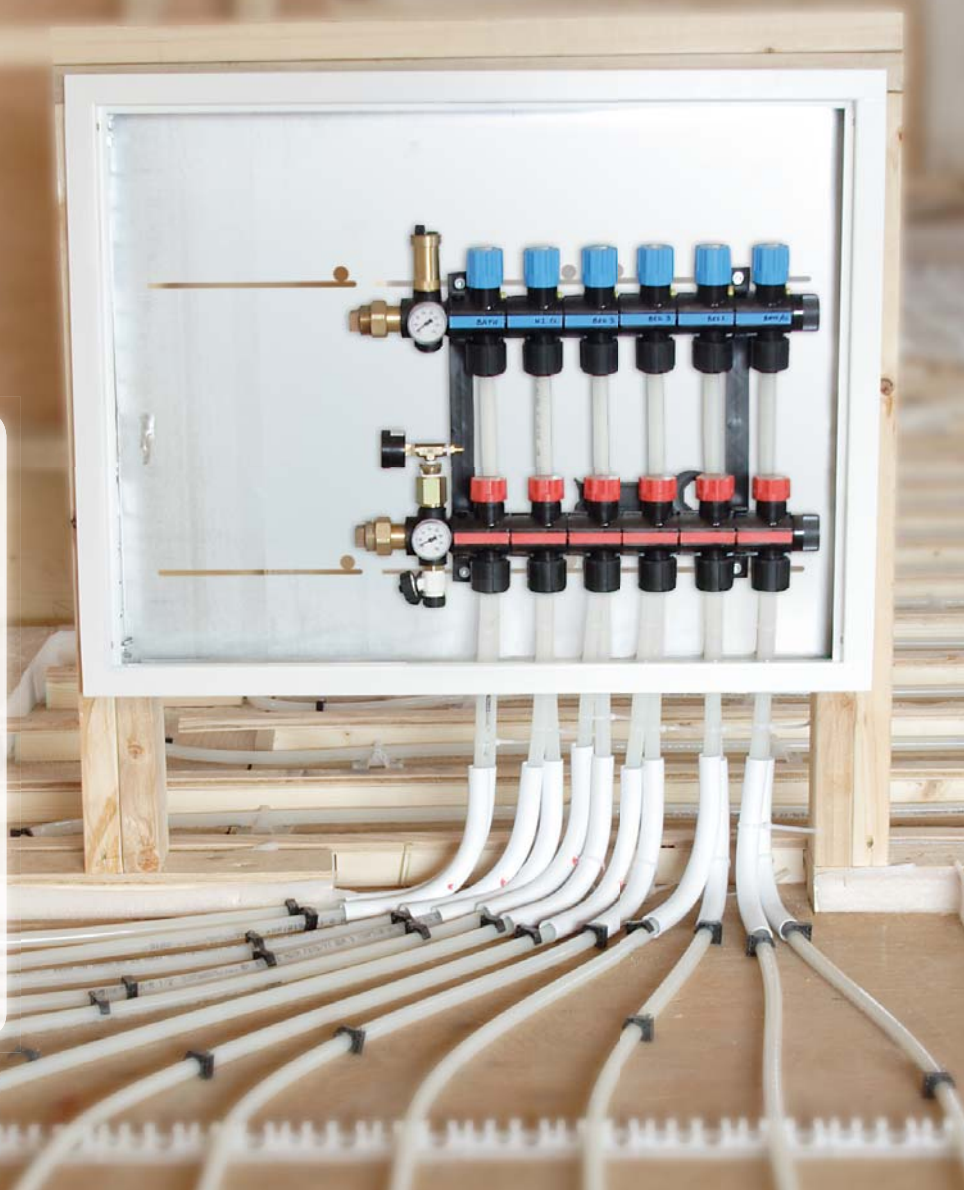
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
76940	Strap-on Thermometer	1	—	ea.	H	



Manifold Housings

Features & Benefits

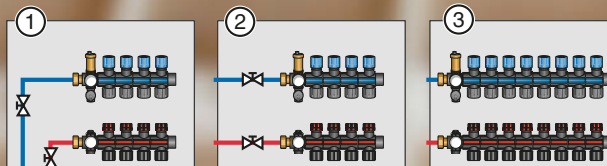
- ✓ allows easy access to manifold
- ✓ visible parts made of satin coated steel and are ready to paint without priming
- ✓ cover enables a structural flush seal
- ✓ locking, removable (lift off) door
- ✓ stylish ventilation apertures to prevent build up of heat and formation of condensation
- ✓ openings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

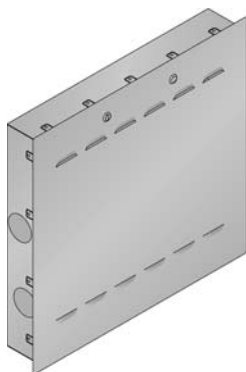


Stk. #	Width	Height	Depth	Maximum # of Loops with Manifold Assembly Kit #:								Max # of SS Manifold Loops	
				79400		79401		79402		79200			
71400 Series: Surface Mounted Manifold Housing				①									
71424	24" (610 mm)	30" (762 mm)	5-½" (140 mm)	4	5		3		4		4		
71430	30" (762 mm)	30" (762 mm)	5-½" (140 mm)	7	7		6		6		7		
71442	42" (1067 mm)	30" (762 mm)	5-½" (140 mm)	11	12		10		11		12		
71700 Series: Recessed Manifold Housing				①②	③	①②	③	①②	③	①②	③	①②	③
71724	24" (610 mm)	23" (584 mm)	3-⅞" (98 mm)	4	7	5	8	3	6	4	8	3	7
71730	30-¼" (768 mm)	23" (584 mm)	3-⅞" (98 mm)	6	9	7	10	5	8	7	10	6	7
71743	43-½" (1105 mm)	23" (584 mm)	3-⅞" (98 mm)	11	12	12	12	10	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.





Manifold Housing: Recessed 71700 Series

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

Features: visible parts 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.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	71724	Recessed Manifold Housing 24"x23"x3-7/8"	1	—	ea.	H	
New!	71730	Recessed Manifold Housing 30"x23"x3-7/8"	1	—	ea.	H	
New!	71743	Recessed Manifold Housing 43-1/2"x23"x3-7/8"	1	—	ea.	H	



Manifold Housing: Surface Mount 71400 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.

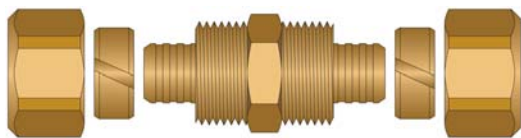
	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	71424	Surface Mounted Manifold Housing 24"x30"x5-3/8"	1	—	ea.	H	
New!	71430	Surface Mounted Manifold Housing 30"x30"x5-3/8"	1	—	ea.	H	
New!	71442	Surface Mounted Manifold Housing 42"x30"x5-3/8"	1	—	ea.	H	



Key Lock for Manifold Housing Door Stk# 71902

Key lock that can field replace the standard coin/screwdriver lock of manifold housings (71700 and 71400 Series).

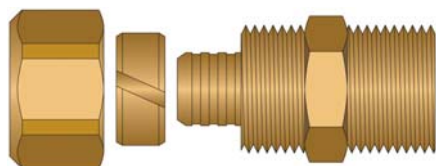
	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	71902	Key Lock for Housing Door	1	—	ea.	H	



PEX Tubing Compression Couplings 69000 Series

Solid brass fittings couples PEX tubing to PEX tubing.

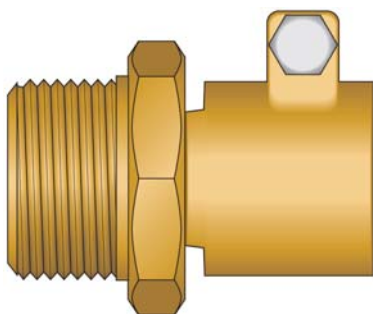
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
69012	3/8" x 3/8" PEX Comp. Coupling	1	25	ea.	H	
69005	1/2" x 1/2" PEX Comp. Coupling	1	25	ea.	H	
69019	5/8" x 5/8" PEX Comp. Coupling	1	25	ea.	H	
69022	3/4" x 3/4" PEX Comp. Coupling	1	25	ea.	H	
69028	1" x 1" PEX Comp. Coupling	1	25	ea.	H	



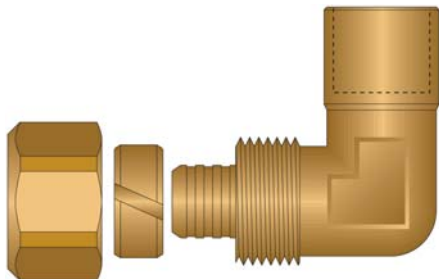
PEX Compression to MPT Adapters 68000 Series

Solid brass fittings converts 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.

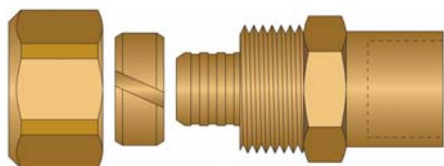


Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
68012	3/8" PEX x 1/2" MPT Adapter	1	25	ea.	H	
68005	1/2" PEX x 1/2" MPT Adapter	1	25	ea.	H	
68019	5/8" PEX Comp. x 3/4" MPT Adapter	1	25	ea.	H	
68022	3/4" PEX Comp. x 3/4" MPT Adapter	1	25	ea.	H	
68028	1" PEX Comp. x 1" MPT Adapter	1	25	ea.	H	
68212	1-1/4" I.D. (40x3.7mm) PEX Comp. x 1-1/4" MPT Adapter	1	40	ea.	H	
68213	1-1/2" I.D. (50x4.6mm) PEX Comp. x 1-1/4" MPT Adapter	1	32	ea.	H	
68214	2" I.D. (63x5.7mm) PEX Comp. x 2" MPT Adapter	1	16	ea.	H	
68215	2-1/2" I.D. (75x6.8mm) PEX Comp. x 2" MPT Adapter	1	12	ea.	H	
68216	3" I.D. (90x8.2mm) PEX Comp. x 3" MPT Adapter	1	7	ea.	H	
68217	4" I.D. (110x10mm) PEX Comp. x 3" MPT Adapter	1	4	ea.	H	


**PEX Compression to 90° Female Sweat Elbows
67300 & 67700 Series**

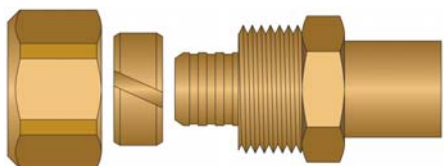
Solid brass fittings converts PEX tubing to female copper pipe.
Ideal for baseboard connections.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
67305	1/2" PEX Comp. x 1/2" F/Sweat 90° Elbow	1	25	ea.	H	
67705	1/2" PEX Comp. x 3/4" F/Sweat 90° Elbow	1	25	ea.	H	
67319	5/8" PEX Comp. x 3/4" F/Sweat 90° Elbow	1	25	ea.	H	


**PEX Compression to Female Sweat Adapters
67100 & 67500 Series**

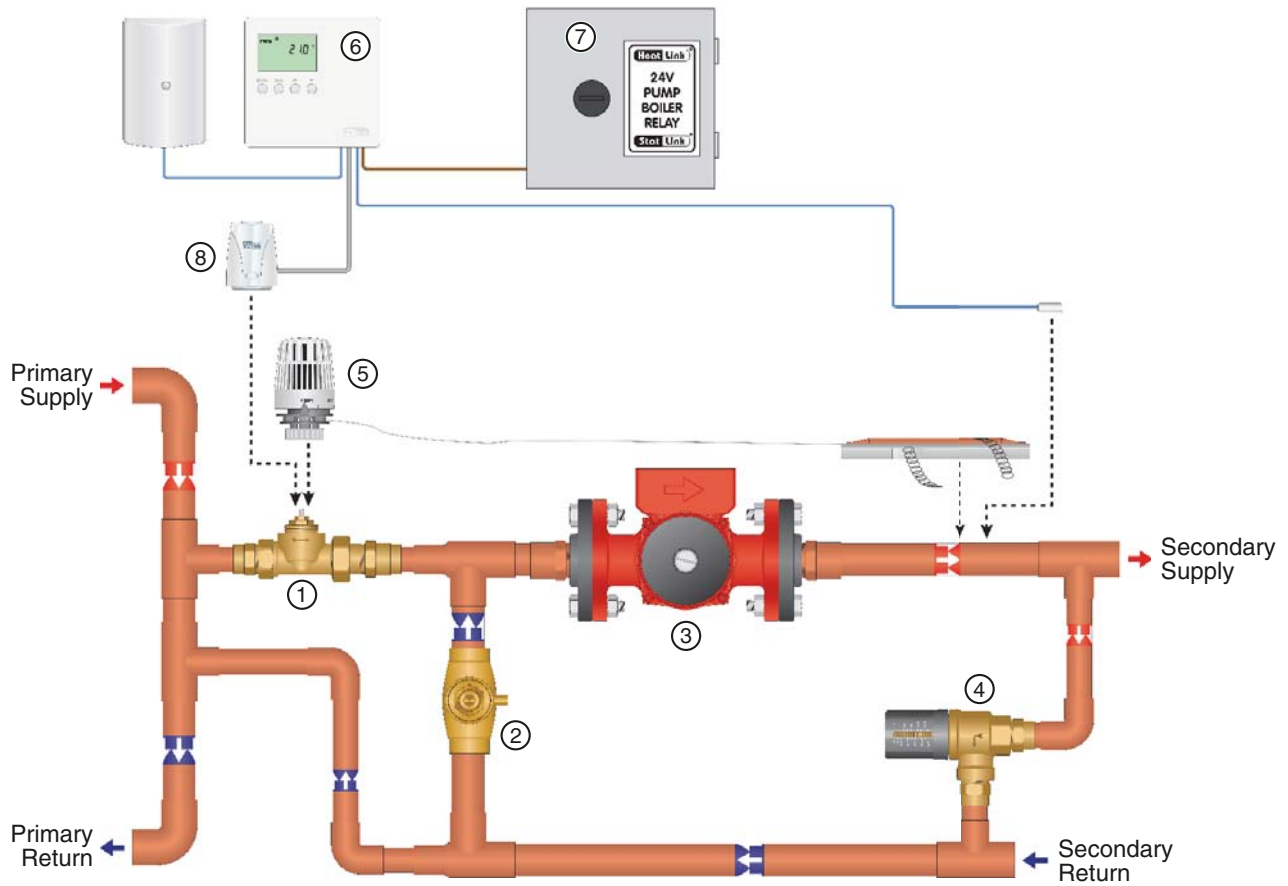
Solid brass fittings converts PEX tubing to female copper pipe.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
67105	1/2" PEX Comp. x 1/2" F/Sweat Adapter	1	25	ea.	H	
67505	1/2" PEX Comp. x 3/4" straight F/Sweat Adapter	1	25	ea.	H	
67119	5/8" PEX Comp. x 3/4" F/Sweat Adapter	1	25	ea.	H	
67005	1/2" PEX Comp. x 1/2" M/Sweat Adapter	1	25	ea.	H	


**PEX Compression to Male Sweat Adapters
67000 Series**

Solid brass fittings converts PEX tubing to male copper pipe.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
67019	5/8" PEX Comp. x 3/4" M/Sweat Adapter	1	25	ea.	H	
67022	3/4" PEX Comp. x 3/4" M/Sweat Adapter	1	25	ea.	H	



Components

- ① HeatLink[®] Injection Valve (62000 series; page 30)
- ② HeatLink[®] Balancing Valve (#62325, page 29)
- ③ Secondary Pump
- ④ HeatLink[®] Pressure Activated Bypass Valve (60000 series page 31)

Control Options

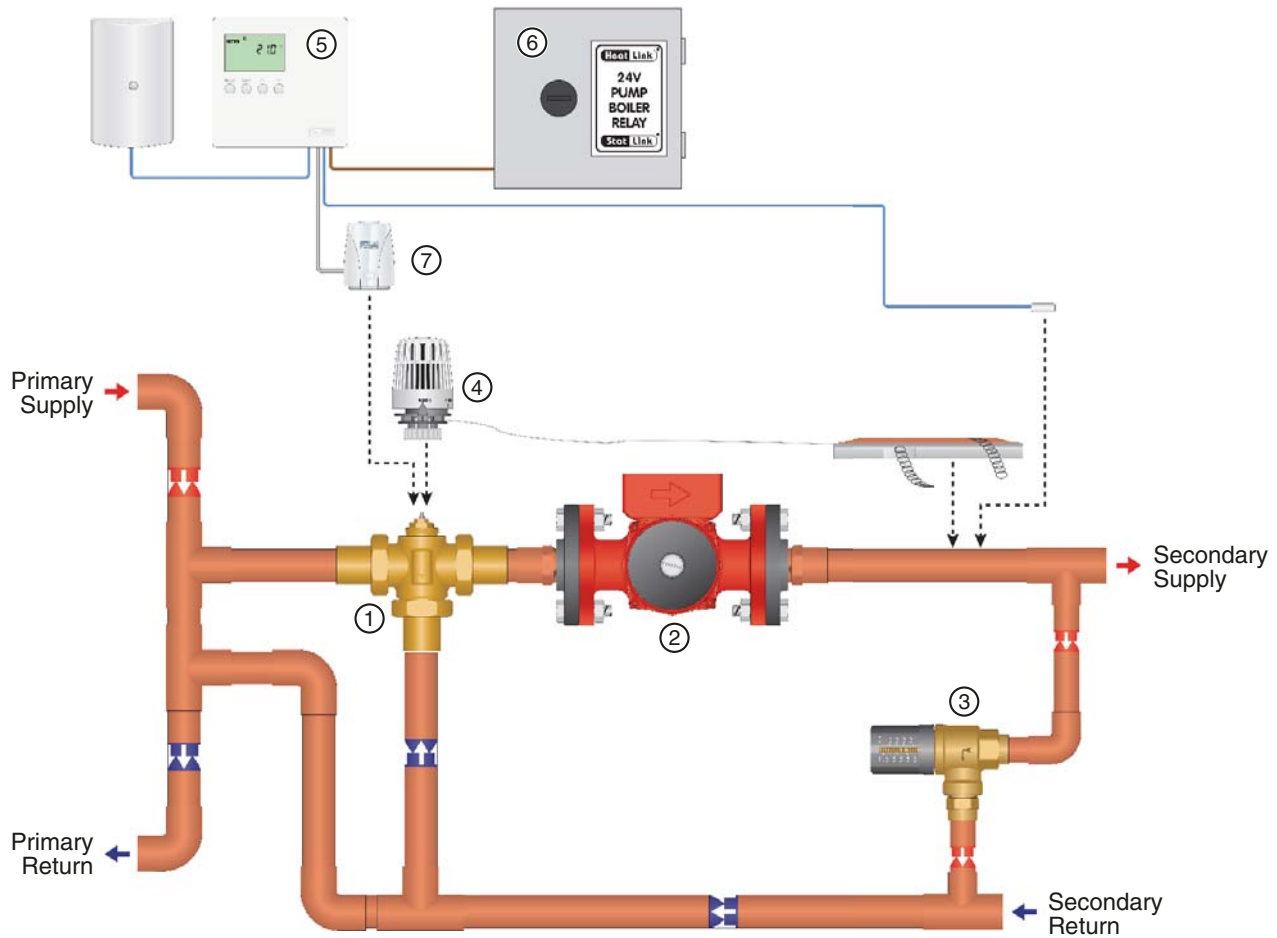
Setpoint

- ⑤ HeatLink[®] Thermostatic Head with Capillary (#57094; page 33)

Setpoint or Outdoor Reset

- ⑥ HeatLink[®] Compact Mixing Reset Control (#31355; page 41)
- ⑦ HeatLink[®] 24Vac DPDT Pump Relay (#45112; see page 39)
- ⑧ HeatLink[®] DDC Actuator (#56121; page 34)

Note: Not all required components are shown. Local codes, regulation, and authorities have final jurisdiction.



Components

- ① HeatLink® Compact 3-way Mixing Valve (63700 series; page 28)
- ② Secondary Pump
- ③ HeatLink® Pressure Activated Bypass Valve (60000 series page 31)

Control Options

Setpoint

- ④ HeatLink® Thermostatic Head with Capillary (#57094; page 33)

Setpoint or Outdoor Reset

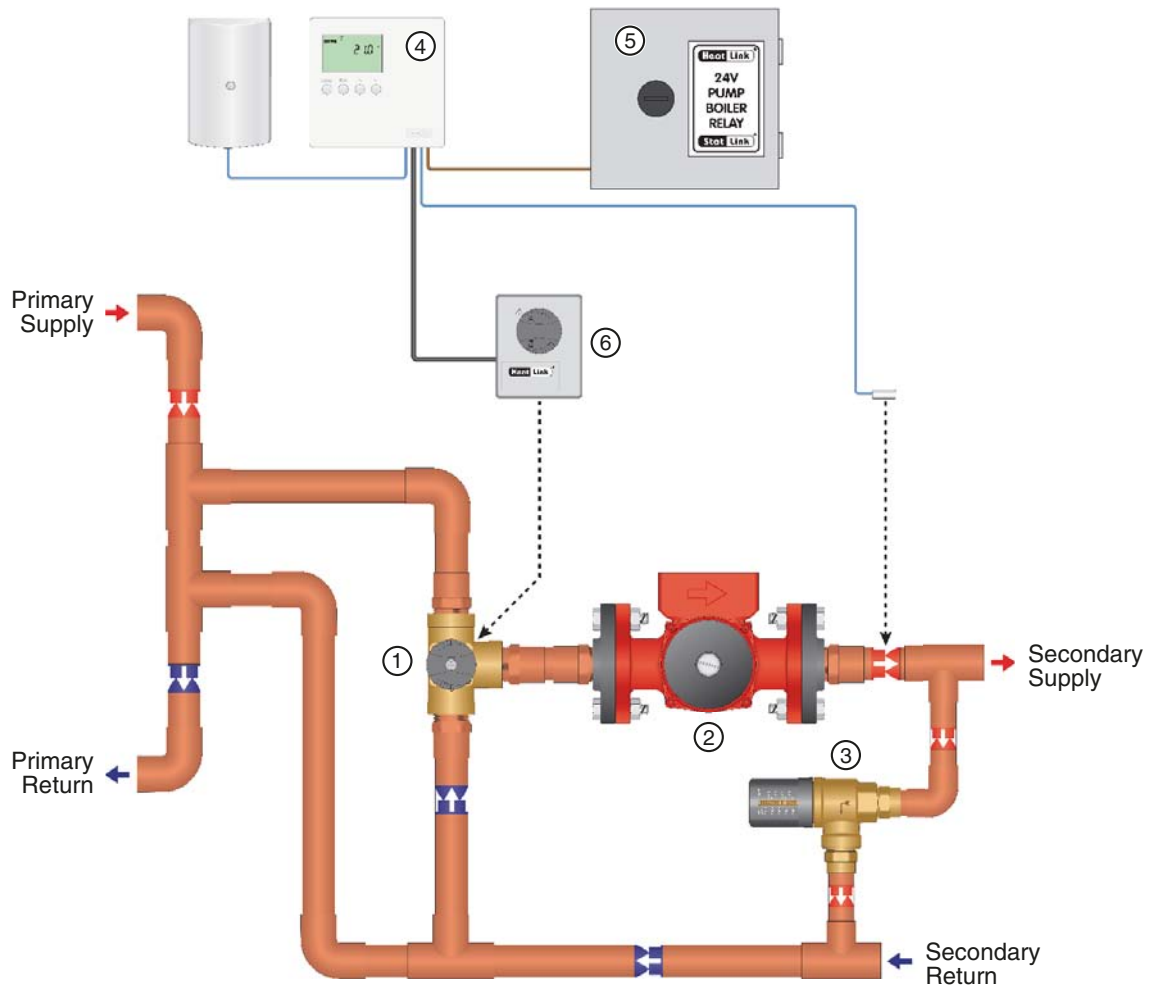
- ⑤ HeatLink® Compact Mixing Reset Control (#31355; page 41)
- ⑥ HeatLink® 24Vac DPDT Pump Relay (#45112; see page 39)
- ⑦ HeatLink® DDC Actuator (#56121; page 34)



Panel Alternatives

- TMP series - pages 63-64
- TWH series - pages 67-68
- CDP series - pages 69-71
- SST series - page 76

Note: Not all required components are shown. Local codes, regulation, and authorities have final jurisdiction.



Components

- ① HeatLink[®] 3-way Mixing Valve (63500 series; page 28)
- ② Secondary Pump
- ③ HeatLink[®] Pressure Activated Bypass Valve (60000 series; page 31)

Control Options

Setpoint or Outdoor Reset

- ④ HeatLink[®] Compact Mixing Reset Control (#31355; page 41)
- ⑤ HeatLink[®] 24Vac DPDT Pump Relay (#45112; see page 39)
- ⑥ HeatLink[®] Mixing Valve Motor (58100 series; page 32)

Snow melt (not shown)

HeatLink[®] Snow/Ice Detector & Melting Control (#31667; page 41)

HeatLink[®] Snow/Ice Detector (#30090, 30091; page 43)

- ⑥ HeatLink[®] Mixing Valve Motor (58100 series; page 32)

Note: Not all required components are shown. Local codes, regulation, and authorities have final jurisdiction.

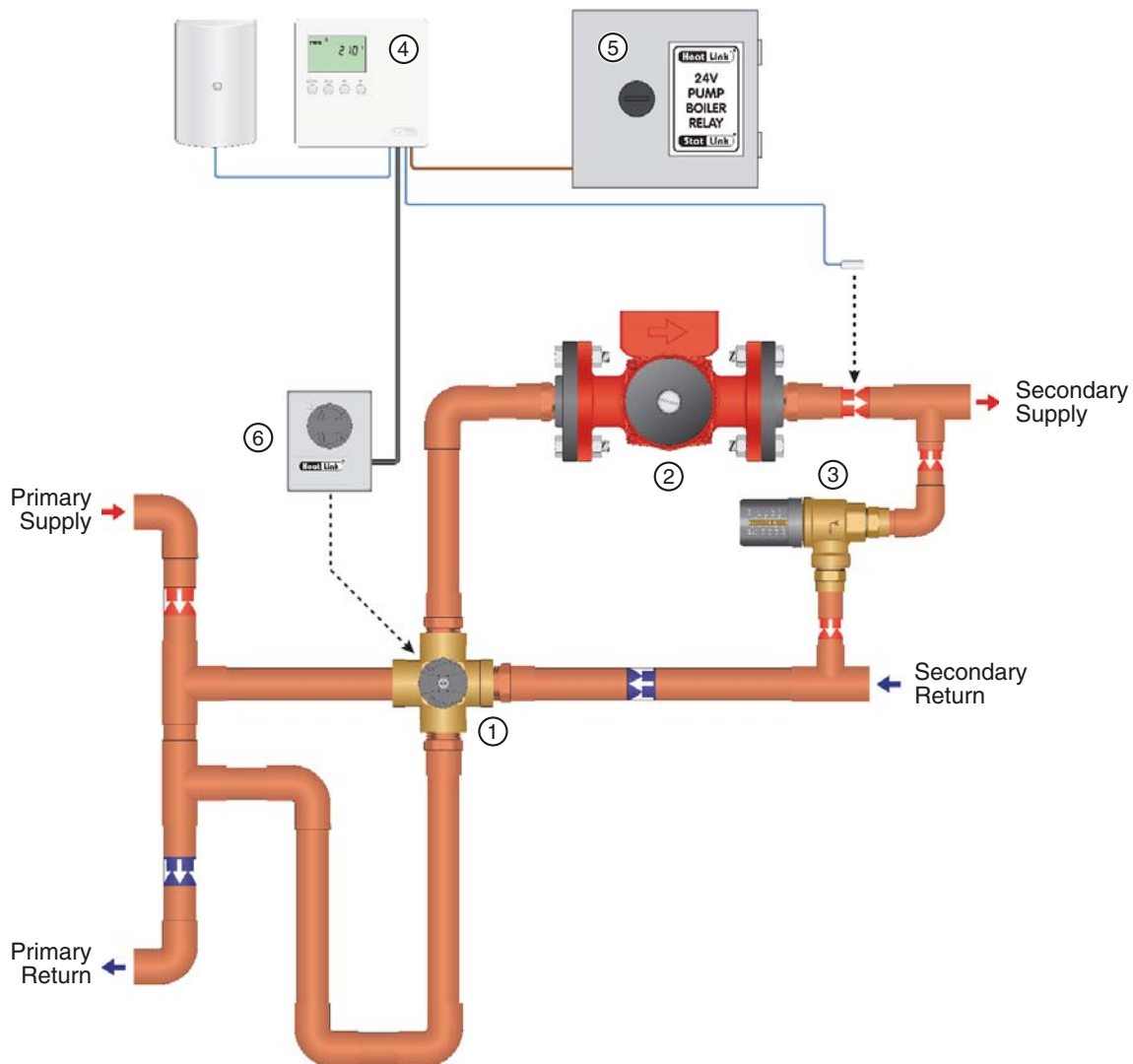
**MECHANICAL
ROOM IN A BOX**[™]

Panel Alternatives

CDP310R - page 72

ZMP series - page 77

SMP series - page 78



Components

- ① HeatLink® 4-way Mixing Valve (64000 series; page 27)
- ② Secondary Pump
- ③ HeatLink® Pressure Activated Bypass Valve (60000 series; page 31)

Control Options

Setpoint or Outdoor Reset

- ④ HeatLink® Compact Mixing Reset Control (#31355; page 41)
- ⑤ HeatLink® 24Vac DPDT Pump Relay (#45112; see page 39)
- ⑥ HeatLink® Mixing Valve Motor (58100 series; page 32)

Snow melt (not shown)

HeatLink® Snow/Ice Detector & Melting Control (#31667; page 41)

HeatLink® Snow/Ice Detector (#30090, 30091; page 43)

- ⑥ HeatLink® Mixing Valve Motor (58100 series; page 32)

Note: Not all required components are shown. Local codes, regulation, and authorities have final jurisdiction.

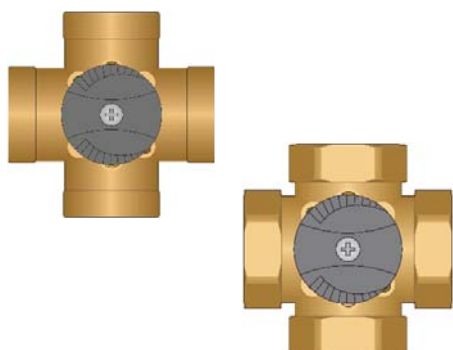


Mixing Block with Pump and Pressure Bypass

Stk # 64331

The Mixing Block incorporates a 4-way mixing valve, pressure bypass valve, and pump. Accepts mixing valve motor 58130 (page 32) for automated 4-way mixing valve control.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
64331	Mixing Block with Pump and Pressure Bypass	1	—	ea.	H	



4-way FPT 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 fully automatic operation.

1" & 1-1/4" valves use #58130 motor (page 32).

1-1/2" & 2" valves use #58150 motor (page 32).

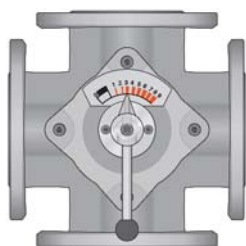
1" Cv = 11.6 (Kvs = 10)

1-1/4" Cv = 17.4 (Kvs = 15)

1-1/2" Cv = 29 (Kvs = 25)

2" Cv = 46.4 (Kvs = 40)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
64025	1" x 4-way FPT mixing valve	1	—	ea.	H	
64030	1-1/4" x 4-way FPT mixing valve	1	—	ea.	H	
64040	1-1/2" x 4-way FPT mixing valve	1	—	ea.	H	
64050	2" x 4-way FPT mixing valve	1	—	ea.	H	



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 (#58199, see page 32) for fully automatic operation.

2-1/2" Cv = 73.3 (Kvs = 63)

3" Cv = 116.3 (Kvs = 100)

4" Cv = 186 (Kvs = 160)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
64165	2-1/2" x 4-way Flange mixing valve	1	—	ea.	H	
64180	3" x 4-way Flange mixing valve	1	—	ea.	H	
64199	4" x 4-way Flange mixing valve	1	—	ea.	H	



Compact 3-Way Mixing Valves 63700 Series

Three-way mixing valve for fluid temperature control in heating and cooling systems. Bronze valve body with brass nipples, protective cap, and stainless spindle with double O-ring seal. Threads are compatible with actuators (#56201, #56231, #56121 (white ring); page 34) and thermostatic heads (#57091 and #57094; page 33).

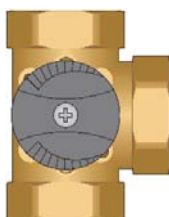
½" Cv = 2.9 (Kv = 2.5)

¾" Cv = 4.1 (Kv = 3.5)

1" Cv = 5.3 (Kv = 4.6)

1-¼" Cv = 7.4 (Kv = 6.4)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
63716	½" Compact 3-way Mixing Valve	1	—	ea.	H	
63720	¾" Compact 3-way Mixing Valve	1	—	ea.	H	
63725	1" Compact 3-way Mixing Valve	1	—	ea.	H	
63732	1-¼" Compact 3-way Mixing Valve	1	—	ea.	H	



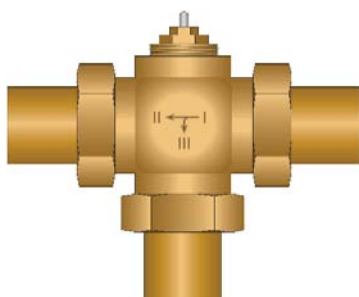
3-way FPT Mixing Valves 63500 Series

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 (#58150, page 32) for fully automatic operation.

1-½" Cv = 29 (Kvs = 25)

2" Cv = 46.4 (Kvs = 40)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
63540	1-½" × 3-way FPT Mixing Valve	1	—	ea.	H	
63550	2" × 3-way FPT Mixing Valve	1	—	ea.	H	

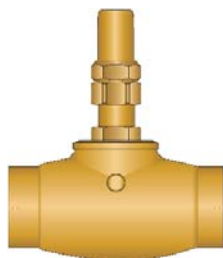


1" 3-Way Diverter Valve Stk# 63025

Provides on/off or modulated flow control with bypass for manifolds or miscellaneous supplemental heating units. Fitted with three 1" sweat unions. Threads are compatible with actuators (#56201, #56231, #56121 (white ring); page 34) and thermostatic heads (#57091 and #57094; page 33).

Cv = 6.0 (Kv = 5.12)

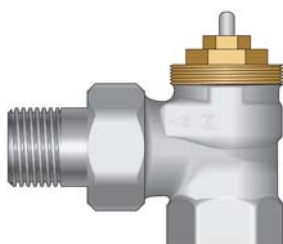
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
63025	1" × 3 Way Diverting Valve	1	—	ea.	H	



Straight Balancing Valve 1" Female Sweat Stk# 62325

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
62325	Straight Balancing Valve 1" Female Sweat	1	24	ea.	H	



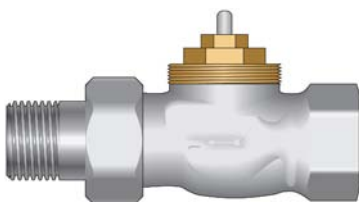
90° Angle Radiator Valves 62100 Series

Provides on/off or modulated flow control for miscellaneous supplemental heating units (e.g. towel warmers). Nickel plated. Threads are compatible with actuators (#56201, #56231, #56121 (white ring); page 34) and thermostatic heads (#57091 and #57094; page 33).

½" Cv = 1.6 (Kv = 1.35)

¾" Cv = 2.9 (Kv = 2.5)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
62116	90° Angle Radiator Valve ½", nickel plated	1	5	ea.	H	
62120	90° Angle Radiator Valve ¾", nickel plated	1	20	ea.	H	



Straight Radiator Valves 62200 Series

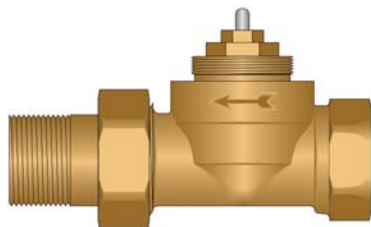
Provides on/off or modulated flow control for miscellaneous supplemental heating units (e.g. towel warmers). Nickel plated. Threads are compatible with actuators (#56201, #56231, #56121 (white ring); page 34) and thermostatic heads (#57091 and #57094; page 33).

½" Cv = 1.6 (Kv = 1.35)

¾" Cv = 2.9 (Kv = 2.5)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
62216	Straight Radiator Valve ½", nickel plated	1	20	ea.	H	
62220	Straight Radiator Valve ¾", nickel plated	1	20	ea.	H	

Straight Zone Valves/Injection Valves 62000 Series



Provides on/off or modulated flow control for baseboard, fan coils, manifolds, and injection controls. Threads are compatible with actuators (#56201, #56231, #56121 (white ring); page 34) and thermostatic heads (#57091 and #57094; page 33).

½" Cv = 2.9 (Kv = 2.5)
¾" Cv = 4.2 (Kv = 3.6)
1" Cv = 4.9 (Kv = 4.2)
1-¼" Cv = 6.8 (Kv = 5.8)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
62016	Straight Zone Valve ½"	1	5	ea.	H	
62020	Straight Zone Valve ¾" NPT	1	—	ea.	H	
62025	Straight Zone Valve 1" NPT	1	—	ea.	H	
62030	Straight Zone Valve 1-¼" NPT	1	—	ea.	H	

½" Straight Return Connector Stk# 61016

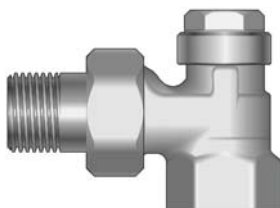


Provides balancing for miscellaneous supplemental heating units (e.g. towel warmers). Gives a clean exposed finish when used with the HeatLink® zone valves in supplemental heat applications. Nickel plated.

Cv = 1.6 (Kv = 1.35)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
61016	Straight Return Connector ½"	1	20	ea.	H	

½" 90° Angle Return Connector Stk# 61116



Provides balancing for miscellaneous supplemental heating units (e.g. towel warmers). Gives a clean exposed finish when used with the HeatLink® zone valves in supplemental heat applications. Nickel plated.

Cv = 1.6 (Kv = 1.35)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
61116	90° Angle Return Connector ½"	1	5	ea.	H	



Pressure Activated Bypass Valve 60000 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 ¾" valve can be adjusted to any point between 1.5 and 17 ft H₂O (50 and 500 mbar). The 1" and 1-¼" can be adjusted to any point between 10 and 60 ft H₂O (30 and 1800 mbar).

¾" max. flow = 13 US gpm (2950 L/h)

1" max. flow = 22 US gpm (5000 L/h)

1-¼" max. flow = 35 US gpm (7950 L/h)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
60020	Pressure activated bypass valves ¾"	1	5	ea.	H	
60025	Pressure activated bypass valves 1"	1	5	ea.	H	
60040	Pressure activated bypass valves 1-¼"	1	5	ea.	H	



Mixing Valve Motor for 1" & 1-¼" Valves

Stk# 58130

Used to automatically operate the 4-way mixing valve. The motor is reversible and is provided with fixed limit switches. For use with 1" and 1-¼" mixing valves and mixing block (64025, 64030, and 64331; page 27).

24 Vac 50/60 Hz 2 VA

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
58130	Mixing valve motor for 1" and 1-¼" valves	1	—	ea.	H	



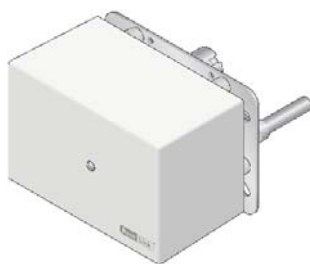
Mixing Valve Motor for 1-½" & 2" Valves

Stk# 58150

Used to automatically operate the 4-way mixing valve. The motor is reversible and is provided with fixed limit switches. For use with 1-½" and 2" mixing valves (63540, 63550, 64040, and 64050; page 27).

24 Vac 50/60 Hz 2 VA

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
58150	Mixing valve motor for 1-½" and 2" valves	1	—	ea.	H	



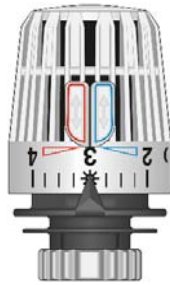
Mixing Valve Motor for 2-½", 3", and 4" Valves

Stk# 58199

Used to automatically operate the 4-way flange mixing valve. The motor is reversible and is provided with fixed limit switches. For use with flanged 2-½", 3", and 4" mixing valves (64165, 68180, and 64199; page 27).

24 Vac 50/60 Hz 2 VA

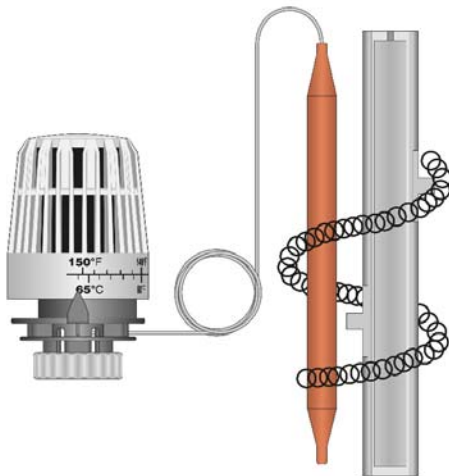
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
58199	Mixing Valve Motor for 2-½", 3", and 4" Flange MVs	1	—	ea.	H	



Thermostatic Head
Stk# 57091

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

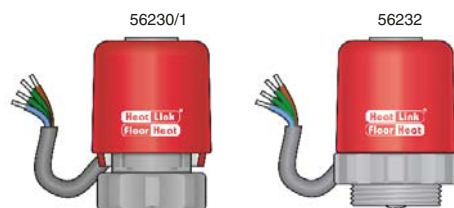
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
57091	Thermostatic Head (16°-28°C)	1	—	ea.	H	



Thermostatic Head with 6' (1.8 m) Remote Capillary
Stk# 57094

Used as injection control for HeatLink[®] zone valves. Senses 0.4°F (0.2°C) supply water change. Takes 15 minutes to close from full open. Temperature adjustment range: 96-150°F (36-66°C)

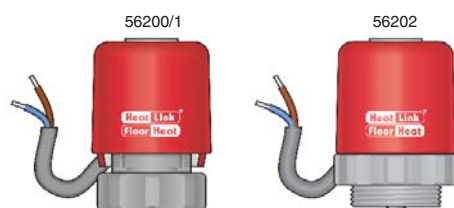
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
57094	Thermostatic Head c/w Capillary (96°-150°F)	1	—	ea.	H	



Actuator 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® 62000 & 63000 series zone valves (56231), or TwistSeal® Multiport Manifold (56232). Comes complete with end switch to allow pump and/or boiler switching.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
56230	HeatLink® TwistSeal® Manifold actuator w/ End Switch	1	100	ea.	H	
56231	HeatLink® Valve & SS Manifold actuator w/ End Switch	1	100	ea.	H	
56232	HeatLink® Multiport Manifold actuator w/End Switch	1	100	ea.	H	



Actuator 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® 62000 & 63000 series zone valves (56201), or TwistSeal® Multiport Manifold (56202). Includes a heat demand LED indicator.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
56200	HeatLink® TwistSeal® Manifold actuator w/ LED	1	100	ea.	H	
56201	HeatLink® Valve & SS Manifold actuator w/ LED	1	100	ea.	H	
56202	HeatLink® Multiport Manifold actuator w/LED	1	100	ea.	H	

How to tell the 562x0 and 562x1 actuators apart

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



56200 / 56230

56201 / 56231



DDC Actuators Stk# 56121

These actuators allow for additional room temperature control when used in conjunction with a direct digital control system by mounting on a TwistSeal® supply manifold module, Stainless Steel Manifold, or HeatLink® 62000 & 63000 series zone valves.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
56121	HeatLink® DDC Actuator for Manifolds & Valves	1	100	ea.	H	



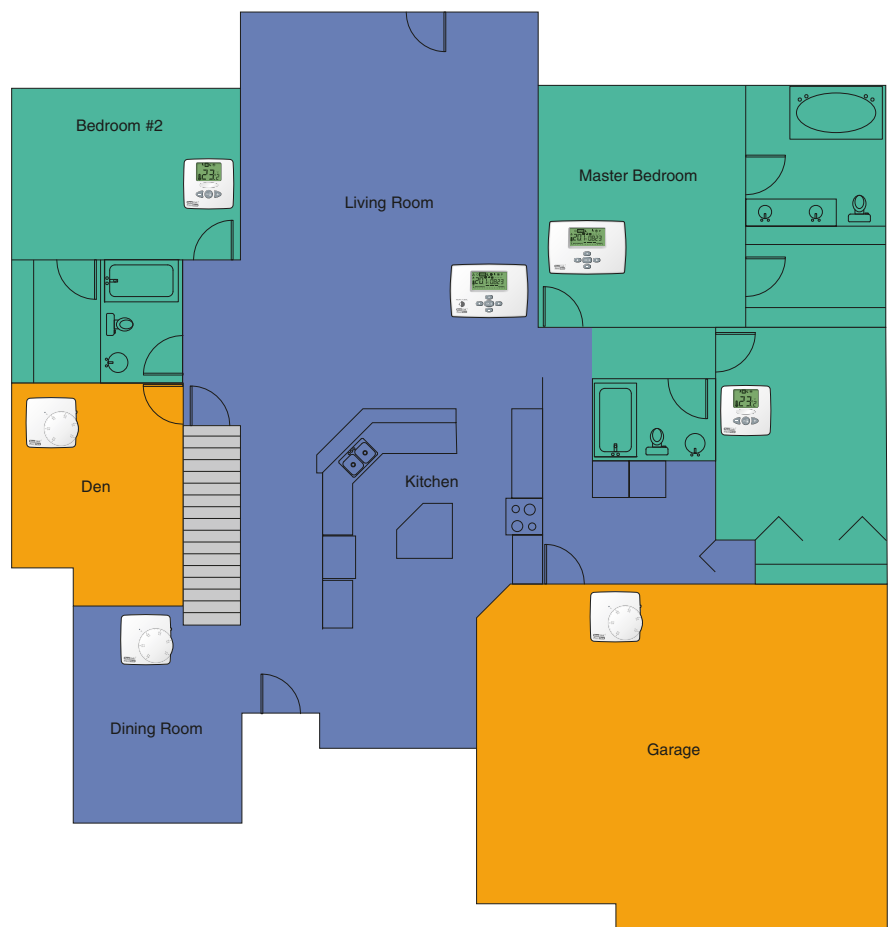
You're in Control

... because every family has different needs, and every home is unique.



A traditional forced air system with one central thermostat may need to be set higher than necessary to ensure that some parts of the house get sufficient heat. With HeatLink® radiant floor heating, a house can be divided into different heating zones. Each zone will have its own thermostat that will set its temperature independently from the other zones. This means that you can heat only the rooms that need heat. Rooms that don't need to be heated can be put into "setback," a lower user adjustable temperature, to save energy.

Add a timer thermostat to automatically switch between normal operation and setback operation on a set schedule. This schedule will let you automatically lower the temperature of your home when no one's home and bring the temperature back up to greet you upon your return.



Example:

-  Living area is heated in the morning and evening, and setback during the day and at night.
-  Bedrooms are heated during the night, and setback during the day.
-  Less frequently used rooms can be manually switched to and from setback mode.

Setback Channel 1 - Living Area



Setback Channel 2 - Bedrooms



24 hour schedule

HeatLink did some simple addition, and came up with a significant innovation. By adding an LED on our new **StatLink®** zone drive actuator, HeatLink has reduced the waiting time. The LED immediately indicates heat demand. Along with our new thermostats and zone modules, the result is a completely visual feedback system. To sum it up, it's situation normal...at-a-glance.

We've also gone color-coded and digital. Of the five thermostats **StatLink®** now offers, one is mechanical, one is electronic, and three are digital. The manual or automatic setback on the electronic and digital thermostats, provide energy savings by lowering the temperature of unoccupied rooms.

All thermostats are designed for use with standard AWG 18 cable. Our screw terminals are color-coded to match the wire colors found in fire-alarm cable (FAS105).

Our **StatLink®** modules simplify the whole wiring process, and eliminate that tangled mess of wires. The color-coded screw terminals indicate where each wire goes in the heating zones. Each zone has an LED indicator for heat demand, and up to 4 actuators can be connected to each zone. It also acts as a combined end-switch for all zones, by activating the boiler and pump when heat is required.

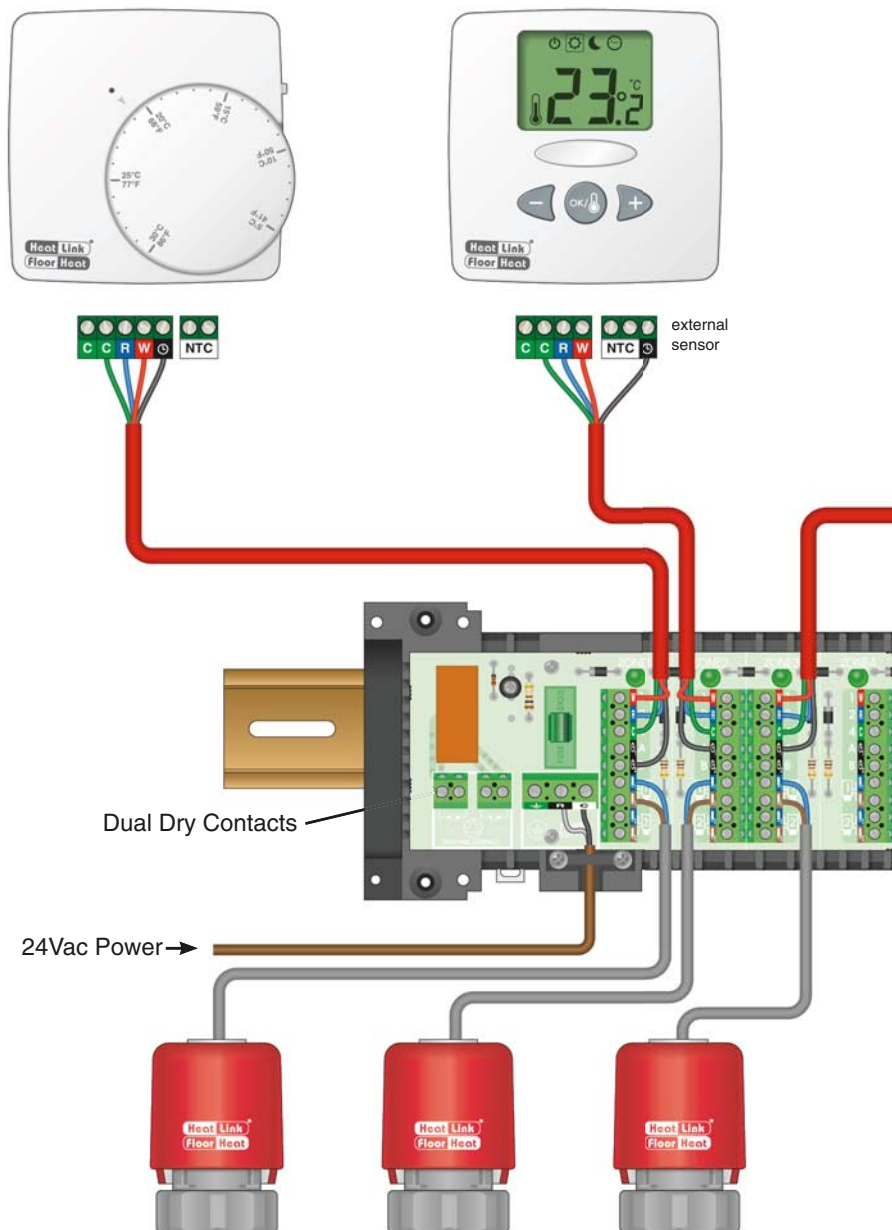
HeatLink's new **StatLink®** system saves the contractor both time and money, by focusing on ease of installation and ease of use. The new **StatLink®** is a welcome addition to the HeatLink family, and our customers will find it is an excellent fit with our other product lines.

Electronic Thermostat #46443

- analog electronic regulation
- heat demand LED
- large, easy to adjust dial
- 3 position operation selector switch: heat, manual or automatic (external timer) setback
- setback of 4°C (7°F)
- 3 or 4 wire operation
- internal or external sensor operation

Digital Thermostat #46543

- proportional integral temperature regulation
- fully menu driven
- large digital display
- manual or automatic (external timer) setback
- adjustable setback temperature
- room, floor or combined sensor operation
- adjustable characteristics for system optimization (high mass, low mass, baseboard, fan coil and cooling)

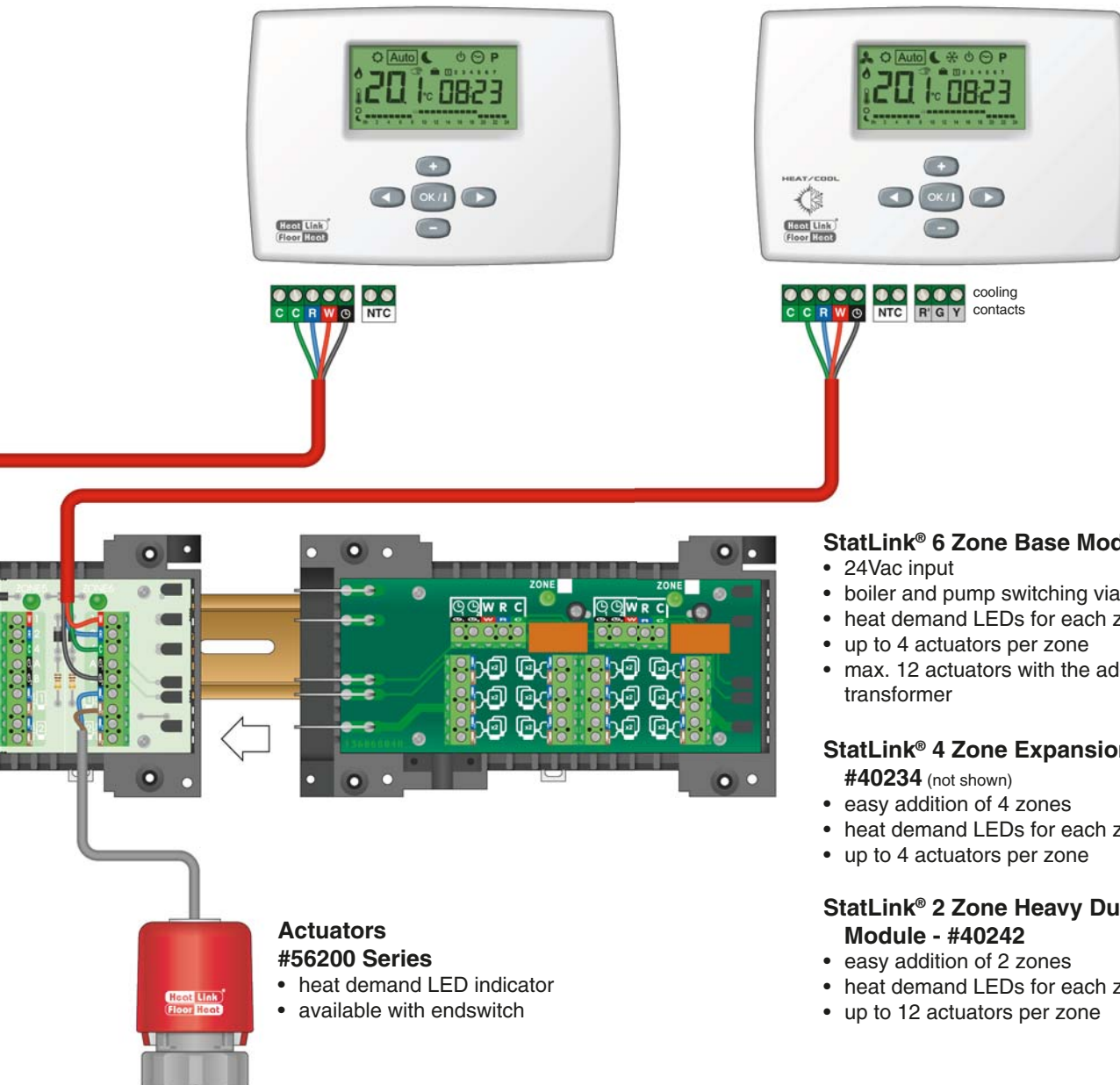


Digital Timer Thermostat #46643

- proportional integral temperature regulation
- fully menu driven
- large digital display
- easy to program 7 day 24 hour timer with 4 user programs and 9 fixed programs
- room, floor or combined sensor operation
- setback signal feedback to StatLink®
- ITCS function for intelligent setback functionality
- adjustable characteristics for system optimization (high mass, low mass, baseboard, fan coil and cooling)

Digital Heat/Cool Timer Thermostat #46673

- proportional integral temperature regulation
- fully menu driven
- large digital display
- easy to program 7 day 24 hour timer with 4 user programs and 9 fixed programs
- room, floor or combined sensor operation
- setback signal feedback to StatLink®
- ITCS function for intelligent setback functionality
- adjustable characteristics for system optimization (high mass, low mass, baseboard, fan coil and cooling)
- heat, cool, fan, or automatic operation



StatLink® 6 Zone Base Module - #40226

- 24Vac input
- boiler and pump switching via dual dry contacts
- heat demand LEDs for each zone
- up to 4 actuators per zone
- max. 12 actuators with the addition of a 60VA transformer

StatLink® 4 Zone Expansion Module - #40234 (not shown)

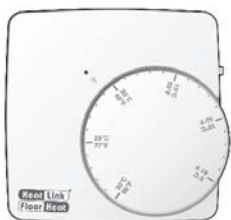
- easy addition of 4 zones
- heat demand LEDs for each zone
- up to 4 actuators per zone

StatLink® 2 Zone Heavy Duty Expansion Module - #40242

- easy addition of 2 zones
- heat demand LEDs for each zone
- up to 12 actuators per zone

Actuators #56200 Series

- heat demand LED indicator
- available with endswitch



Electronic Thermostat Stk# 46443

Provides analog electronic temperature regulation. Screw terminal connection for use with standard thermostat wire. 3 position operation selector switch: heat, manual or automatic (external timer) setback. Includes heat demand LED. Optional external sensor.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
46443	HeatLink® Electronic Thermostat w/ LED & Setback Selector Switch	1	—	ea.	H	



Digital Thermostat Stk# 46543

Provides proportional integral temperature regulation. Screw terminal connection for use with standard thermostat wire. Adjustable manual or automatic (external timer) setback. Features a fully menu driven large digital display. Offers optimization for various system types (high mass, low mass, baseboard, fan coil and cooling). Optional external sensor.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
46543	HeatLink® Digital Thermostat w/ optional floor warming	1	—	ea.	H	



Digital Timer Thermostat Stk# 46643

Provides proportional integral temperature regulation for maximum comfort and efficiency. Features a fully menu driven large digital display. Offers optimization for various system types (high mass, low mass, baseboard, fan coil and cooling). Take control with the easy to program 7 day 24 hour timer utilizing 9 preset programs and the ability to program 4 additional user programs. This thermostat is capable of generating a setback signal that can be best utilized with a StatLink® module and shared with other thermostats. Optional external sensor.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
46643	HeatLink® Digital Timer Thermostat	1	—	ea.	H	



Digital Heat/Cool Timer Thermostat Stk# 46673

Provides proportional integral temperature regulation for maximum comfort and efficiency. Features a fully menu driven large digital display. Offers optimization for various system types (high mass, low mass, baseboard, fan coil and cooling). Take control with the easy to program 7 day 24 hour timer utilizing 9 preset programs and the ability to program 4 additional user programs. This thermostat is capable of generating a setback signal that can be best utilized with a StatLink® module and shared with other thermostats. Operational modes consist of: heat, cool, fan, or automatic. Optional external sensor.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
46673	HeatLink® Digital Heat/Cool Timer Thermostat	1	—	ea.	H	



24V AC DPDT Pump Relay
Stk# 45012

Double pole double throw relay used for pump and/or boiler control. Use with socket #45032 sold separately.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
45012	24Vac DPDT pump relay	1	–	ea.	H	



24V AC DPDT Pump Relay Socket
Stk# 45032

Socket for 24V AC DPDT pump relay #45012. Easily mounted on DIN rail.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
45032	8 pin round Socket for AC relay	1	–	ea.	H	

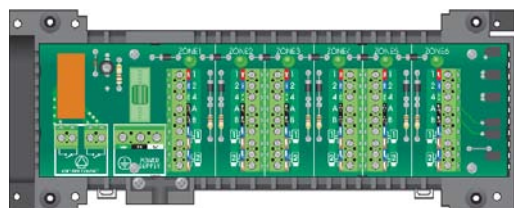


24V AC DPDT Pump Relay Box
Stk# 45112

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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
45112	HeatLink® 24Vac DPDT pump relay Box	1	–	ea.	H	



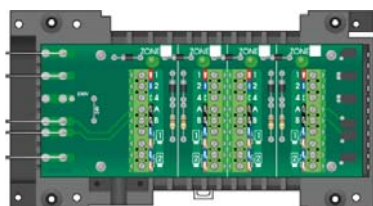
StatLink® 6 Zone Base Module

Stk# 40226

The StatLink® 6 zone base module is complete with all the main electrical connections for a hydronic floor heating system. This module can be mounted either on a DIN rail or directly to a wall. It connects room thermostats to their corresponding actuators. Each zone has an LED which indicates if it is calling for heat. A timer thermostat (#46643 or #46673) can send a setback signal to other thermostats via terminal Clock 1 or 2. As soon as there is a heat demand from one zone, a relay with two dry contacts is switched on (Pump, Boiler ...). Add more zones by plugging in the #40234 or #40242 module.

The 6 zone base module has a current rating of 2.5A; a 60VA transformer allows for 20 actuators per base module to be connected with up to 4 actuators per zone.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
40226	StatLink® 6 Zone Base Module	1	—	ea.	H	

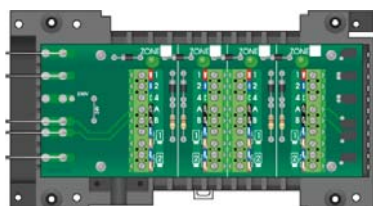


StatLink® 4 Zone Expansion Module

Stk# 40234

The StatLink® 4 zone expansion module connects to the StatLink® 6 zone base module, allowing 4 more room thermostats to connect to their corresponding actuators. The 4 zone expansion module has a current rating of 2.5A.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
40234	StatLink® 4 Zone Expansion Module	1	—	ea.	H	



StatLink® 2 Zone Heavy Duty Expansion Module

Stk# 40242

The StatLink® 2 zone heavy duty expansion module connects to the StatLink® 6 zone base module or power module, allowing 2 more room thermostats to connect to up to 12 actuators each. Note: max. 60 VA transformer allows for up to 20 actuators. The 2 zone heavy duty expansion module has a current rating of 2.5A.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
40242	StatLink® 2 HD Zone Expansion Module	1	—	ea.	H	



Installation Track for StatLink® Modules

Stk# 44325

Allows for easy and fast installation of all control modules.

Length = 25"

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
44325	StatLink® Installation track, 25"	1	—	ea.	H	



HeatLink® One Stage Setpoint Control Stk# 30150

One stage SPDT heating and cooling setpoint control. Pulse width modulation or bang-bang operation. Features adjustable differential and adjustable delay or cycle.

1 universal sensor is included.

24 Vac 50/60 Hz 1 VA

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30150	One stage Setpoint Control	1	—	ea.	H	



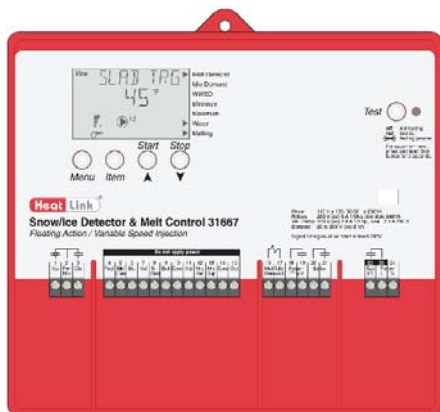
HeatLink® Compact Mixing Reset Control Stk# 31355

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

Outdoor sensor and 1 universal sensor are included.

24Vac 50/60 Hz 50 VA (max)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
31355	HeatLink® Compact Mixing Reset Control	1	—	ea.	H	



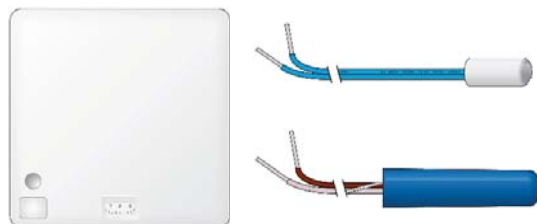
HeatLink® Snow/Ice Detector & Melting Control - Floating Action / Variable Speed Stk# 31667

The 31667 Snow/Ice Detector & Melting Control is designed to control a single zone snow melting system. The snow melting system may be started manually or automatically through the use of a Snow / Ice Sensor 30090. The control automatically adjusts the mixed supply water to the snow melting system by controlling a variable speed pump or floating action mixing valve. The 31667 control includes a large Liquid Crystal Display (LCD) in order to view system status and operating information.

Outdoor sensor and 2 universal sensors are included.

120 Vac 50/60 Hz 600 VA

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
31667	HeatLink® Snow/Ice Detector & Melt Control	1	—	ea.	H	



Snow Melt Kit Stk# 30092

The snow melt kit is used to remotely enable and disable the snow melting system through a single button. Snow melting run time is adjustable through a dial. An LED provides a visual indication of the operation of the snow melting system.

For use with 31667 control.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30092	Snow Melt Kit	1	—	ea.	H	



Universal Sensor Stk# 30071

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30071	Universal Sensor (10K)	1	10	ea.	H	



Slab Sensor - PVC Sleeve Stk# 30072, 30073

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

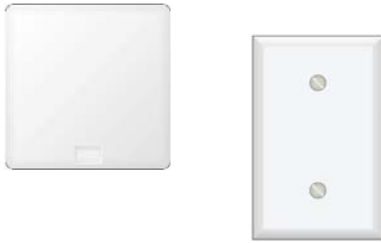
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30072	Slab Sensor (10K) PVC sleeve 20' cable	1	—	ea.	H	
30073	Slab Sensor (10K) PVC sleeve 40' cable	1	—	ea.	H	



Slab Sensor - Stainless Steel Sleeve Stk# 30079

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30079	Slab Sensor (10K) stainless steel sleeve 10' cable	1	—	ea.	H	



Indoor Sensors Stk# 30076, 30077

These 10k sensors provide accurate measurement of the indoor air temperature. The 30076 sensor can be mounted directly on the wall using two #6 - 1" screws. The 30077 sensor can be mounted flush onto a standard duplex electrical box. For use with 30000 series controls.

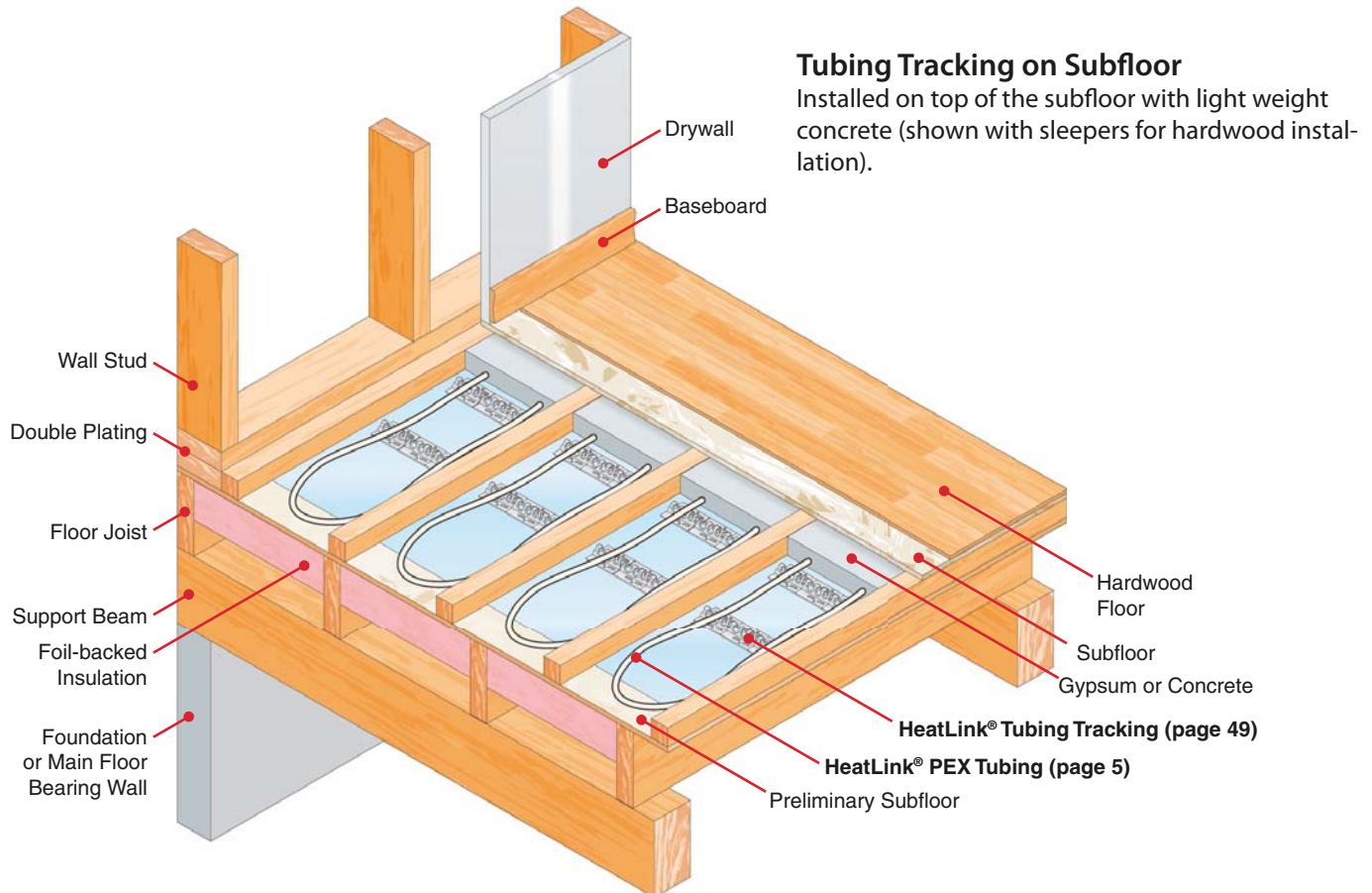
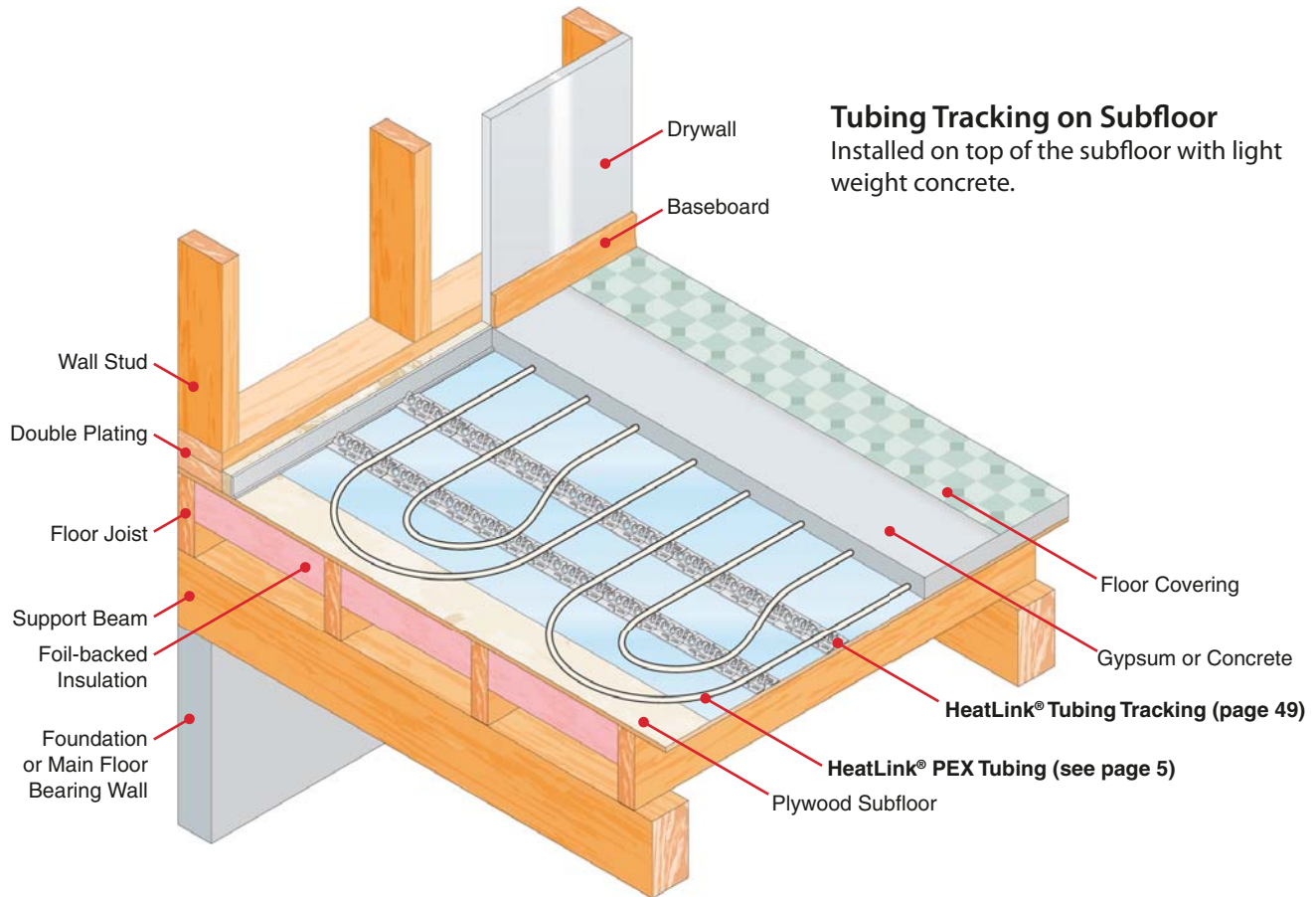
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30076	Indoor Sensor (10K) small enclosure	1	—	ea.	H	
30077	Indoor Sensor (10K) flush mount	1	—	ea.	H	



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

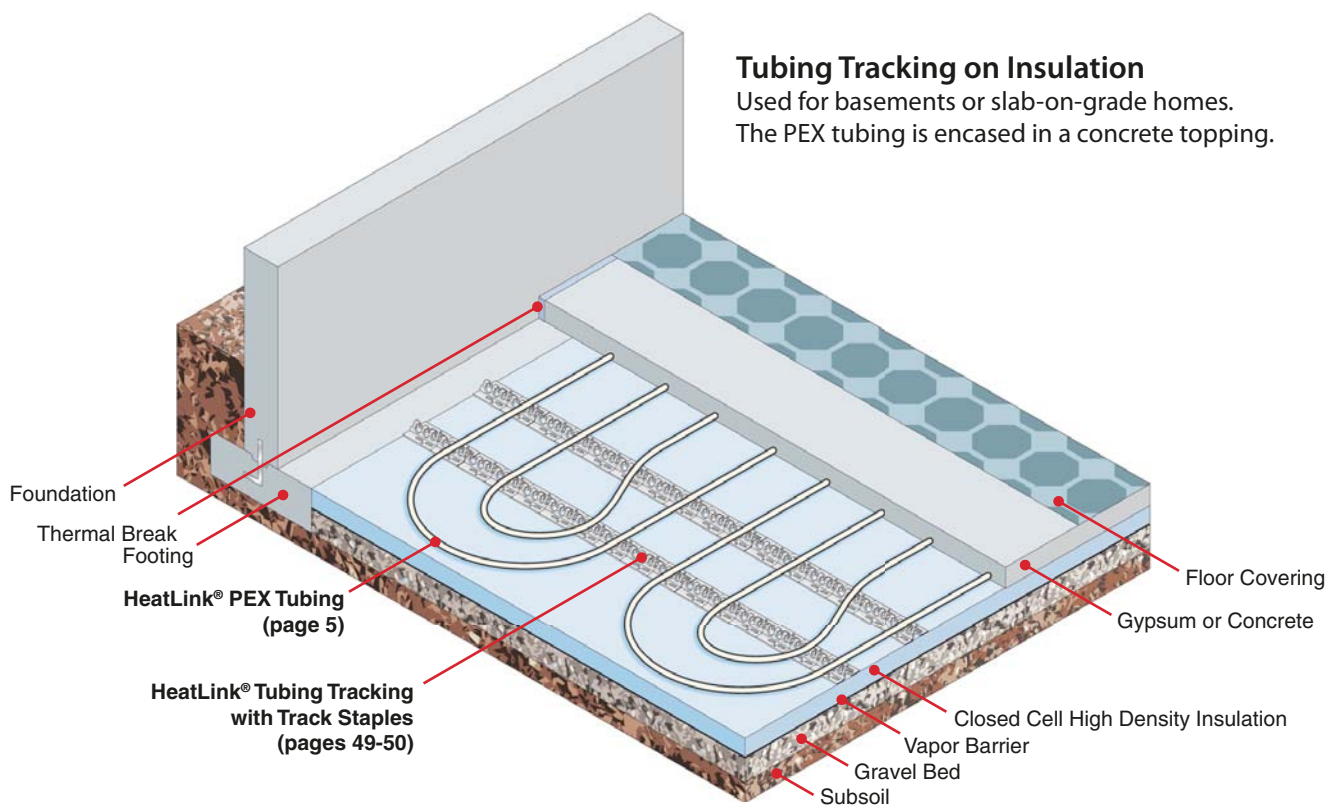
This snow/ice sensor in conjunction with the 31667, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature. This control is not designed as a simple detection device and will not operate properly in an unheated slab.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
30090	Snow/Ice Sensor (10K) 65' cable	1	—	ea.	H	
30091	Snow/Ice Sensor Socket	1	—	ea.	H	



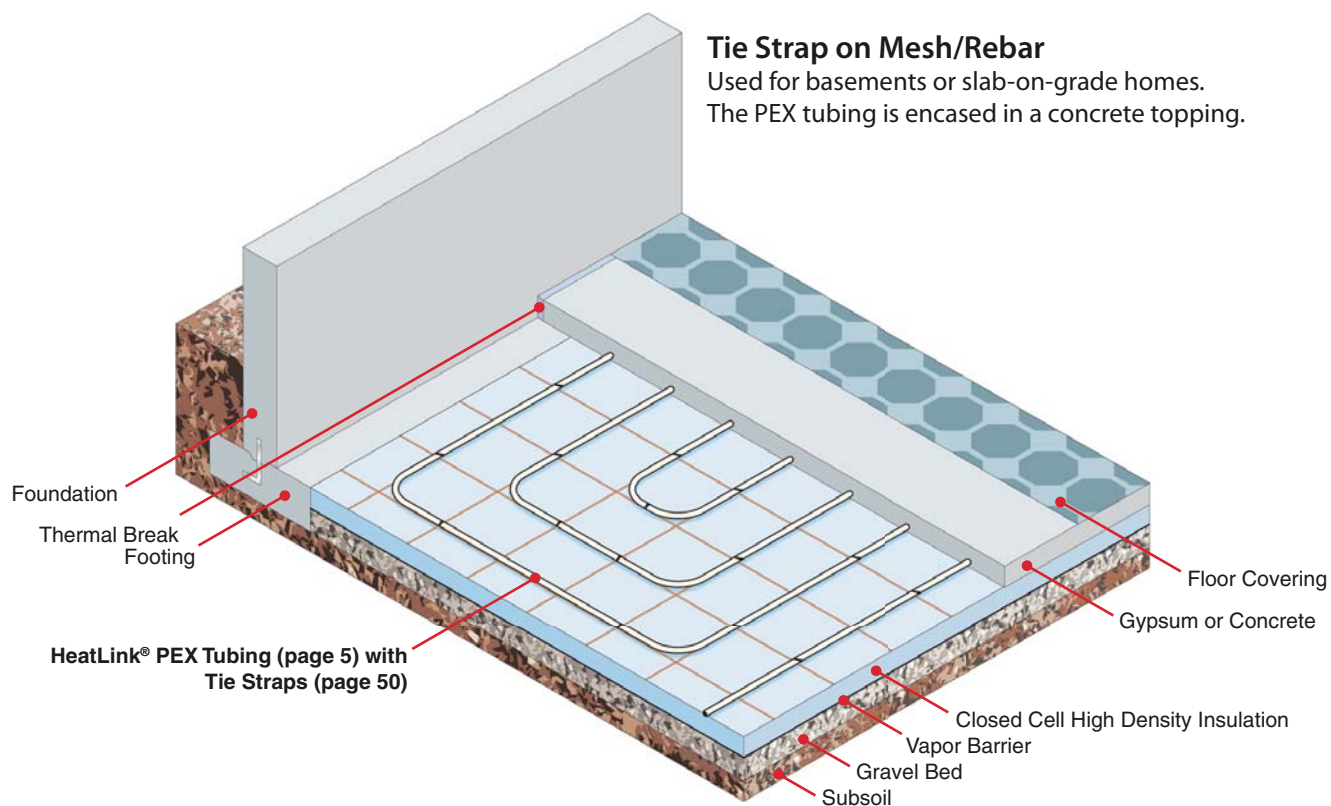
Tubing Tracking on Insulation

Used for basements or slab-on-grade homes.
The PEX tubing is encased in a concrete topping.



Tie Strap on Mesh/Rebar

Used for basements or slab-on-grade homes.
The PEX tubing is encased in a concrete topping.





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

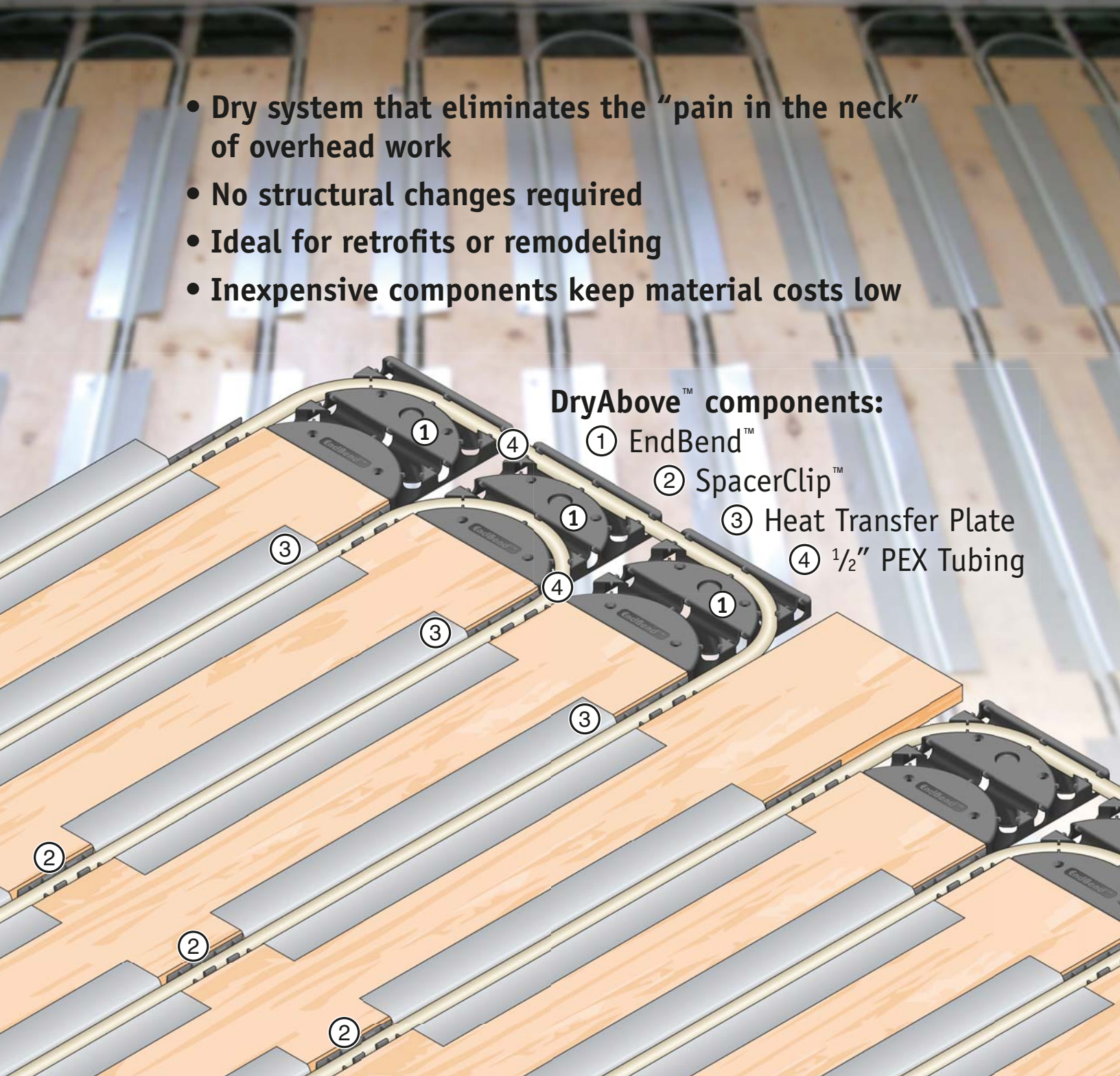
DryAbove™ components:

① EndBend™

② SpacerClip™

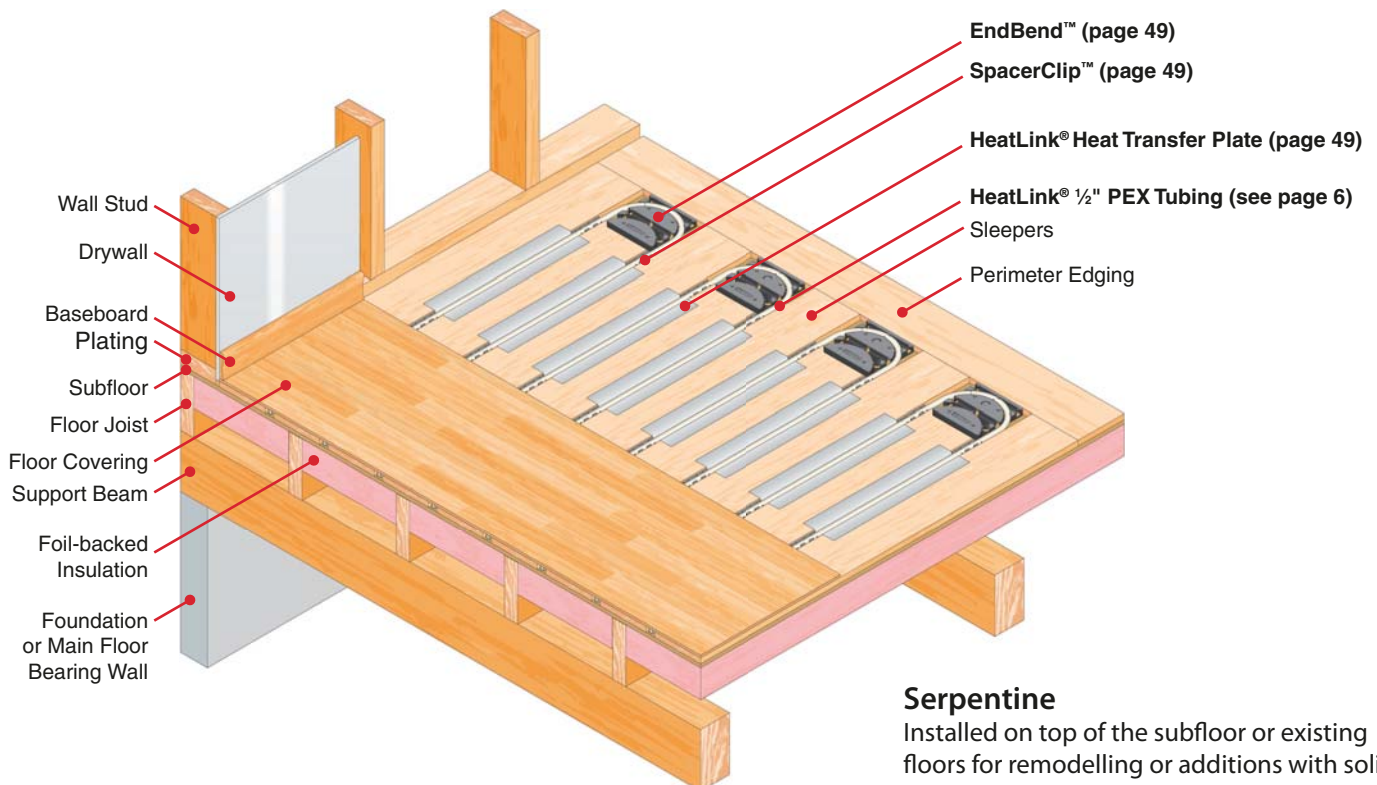
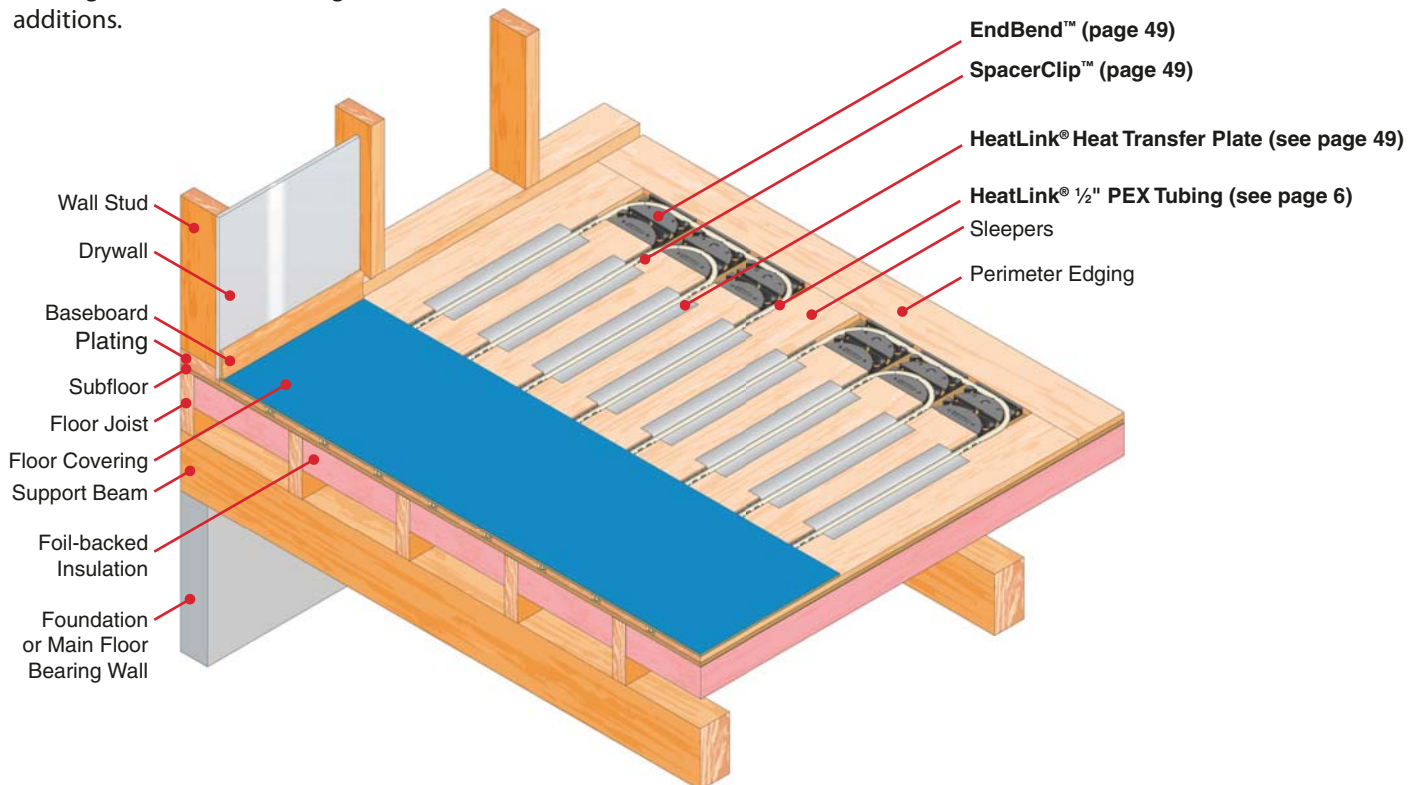
③ Heat Transfer Plate

④ 1/2" PEX Tubing



Double Counter Flow

Installed on top of the subfloor or existing floors for remodelling or additions.

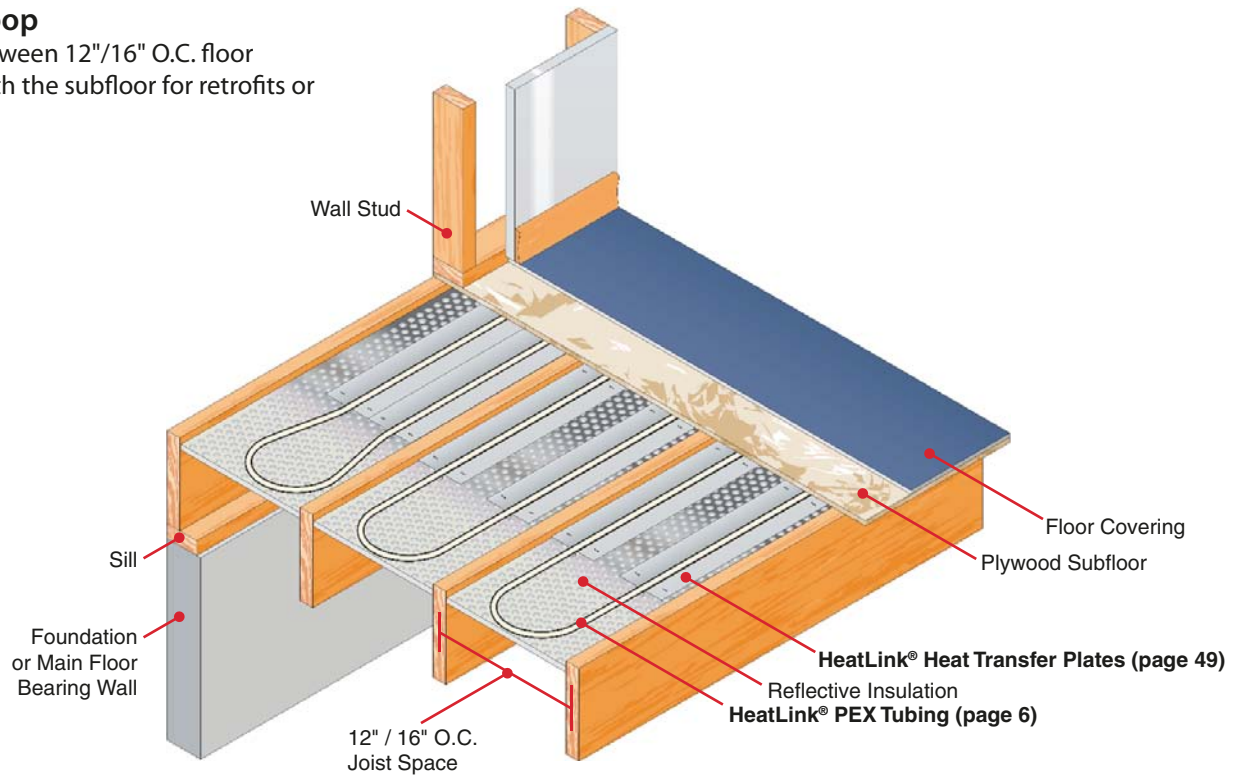


Serpentine

Installed on top of the subfloor or existing floors for remodelling or additions with solid hardwood floors.

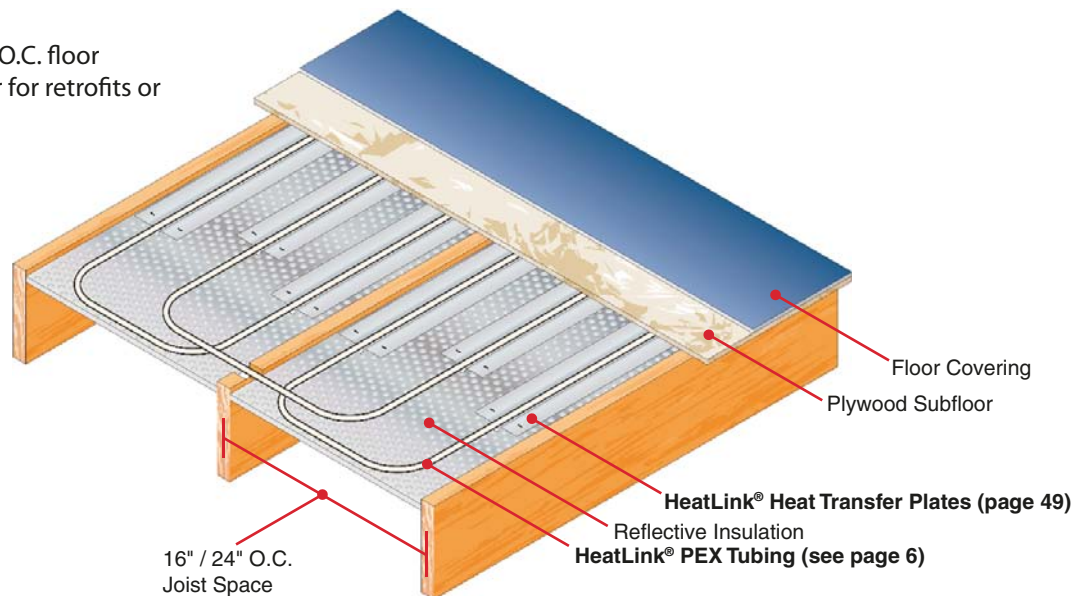
Double Loop

Installed between 12"/16" O.C. floor joists beneath the subfloor for retrofits or upper floors.



Triple Loop

Installed between 16"/24" O.C. floor joists beneath the subfloor for retrofits or upper floors.





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" × 4-¼" (610 mm × 108 mm).

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
87024	24" Aluminum Heat Transfer Plate for DryAbove™/DryBelow™ Systems	250	6000	ea.	H	



EndBend™ for DryAbove™ System

Stk# 87205

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
87205	EndBend™ for DryAbove™ System	25	50	ea.	H	



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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
87305	SpacerClip™ for DryAbove™ System	50	500	ea.	H	



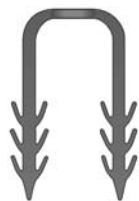
Tubing Tracking: ¾", ½" and ⅜"

Stk# 89000

Tracking provides even tubing spacing and exact regulation of tubing heights. They can be fastened to many surfaces, such as concrete or plywood subfloors, steel Q decking, and polystyrene insulation. Built in supports permit spacing in 3" (75 mm) multiples.

Tracking comes in 4 ft (1.22 m) lengths.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89000	Tubing tracking	400	10000	ft.	H	

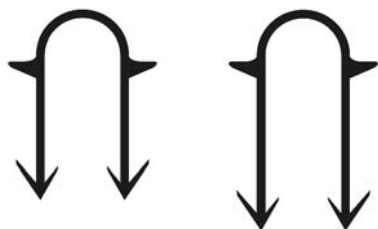


Track Staples

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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89010	500 Track Staples	1	18	bag	H	

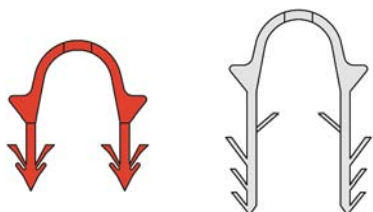


Staples for Stand-up Stapler

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).

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89243	250 x 2" (50 mm) HeatLink Staples for Stand-up Stapler	1	16	box	H	
89244	300 x 2-3/8" (60 mm) Staples for Stand-up Stapler	1	12	box	H	



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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89251	300 1-1/2" Staples for HeatLink Deluxe Staple Gun	1	20	box	H	
89252	300 2" Staples for HeatLink Deluxe Staple Gun	1	—	box	H	

New!

New!

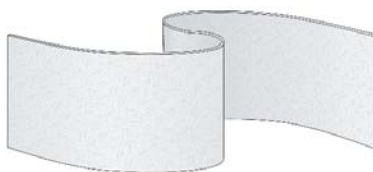
HeatLink® Tie Straps

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".

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89105	1000 Tie Straps 5.5"	1	10	bag	H	
89107	1000 Tie Straps 7.5"	1	10	bag	H	



Expansion Stripping

Stk# 85000

This foam stripping provides expansion joint and sound barrier at the edge of the floor slab.

Roll of 75 ft (23 m)

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
85000	75ft roll Expansion stripping	1	17	roll	H	



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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86005	½" Conduit 90's	1	100	ea.	H	
86020	⅝" Conduit 90's	1	50	ea.	H	
86022	¾" Conduit 90's	1	40	ea.	H	
86028	1" Conduit 90's	1	100	ea.	H	

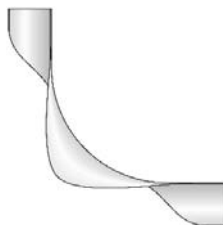


Plastic Bend Support

86100 Series

Allows for easy bending support and removal.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86105	Plastic Bend Support for ⅝" and ½" tubing	50	400	ea.	H	
86122	Plastic Bend Support for ¾" tubing	10	400	ea.	H	



Metal Bend Support

86200 Series

Allows for easy bending support and removal.

New!

New!

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86205	Metal Bend Support for ½" Tubing	50	200	ea.	H	
86219	Metal Bend Support for ⅝" Tubing	50	200	ea.	H	
86222	Metal Bend Support for ¾" tubing	25	100	ea.	H	



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 sidestream 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 (58 US gal) of water.

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
01205	1L Corrosion Inhibitor (Molybdate based)	1	—	bottle	H	



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

Purging compound for boilers and closed loop systems. Used as a preoperational cleaner and a post start-up cleaner.

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

Note: After refilling system with fresh water, ensure either a glycol or inhibitor as listed on the previous page is immediately added.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
01311	1L Purging Compound (Pre & Post Operational Cleaner)	1	—	bottle	H	



Postoperational Filtration Cleaner Stk# 01321

Scale conditioning additive. Must be used in conjunction with a sidestream filter. Polymer based additive that promotes movement of precipitate into the filter. System can be cleaned while still in operation.

The contents of this 1 L (0.26 US gal) container will treat 1000 L (264 US gal) of water.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
01321	1 Ltr Postoperational Filtration Cleaner	1	—	ea.	H	



Molybdenum Test Kit Stk# 01020

Determines the amount of molybdate based corrosion inhibitor in the water.
Includes:

- 50 mL plastic beaker
- Molybdenum titrating solution
- Molybdenum buffer solution
- Mixed indicator solution

Note: Chemicals included have expiry dates

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
01020	Molybdenum Test Kit	1	—	ea.	H	

Heat Link [®] Fluid Analysis Report		HeatLink Water Quality Laboratory	
Customer Information		FAR #	
Date: _____	Job #: _____	Lab Technician: _____	
Tag #: _____	WAB #: _____	RMA #: _____	
Project: _____			
Distributor: _____			
Contractor: _____			
System Volume: _____ L		Source: ☐ Heating ☐ Potable Water ☐ Groundwater ☐ Other: _____	
Fluid Analysis Results		Optimal Conditions	
Glycol Freeze Protection: _____	% EG 0 or 20-50% glycol	Temperature: _____ °F	_____ °C
% PG 0 or 20-50% glycol		Temperature: _____ °F	_____ °C
Nitrite Inhibitor: _____	ppm 800-1500ppm		
Molybdate Inhibitor: _____	ppm 100-150ppm		
pH Level: _____	pH units 9-10.5		
Conductivity: _____	uS/cm 700-3000uS/cm		
Hardness: _____	ppm 1-300ppm		
Bacteria/Mould Test: _____	☐ Positive ☐ Negative ☐ Not Tested		
Comments: _____			
Instructions: _____			
Copy Transmitted: ☐ Wholesaler ☐ Contractor ☐ Agent ☐ Other: _____			
Date Transmitted: _____			

HeatLink Preventative Maintenance Water Analysis Stk# 00412

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

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

A water sample of 400-500 mL (13.5-17 fl. oz.) in a clean plastic bottle (e.g. wsb2) is required.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
00412	HeatLink Preventative Maintenance Water Analysis (requires wsb2)	1	—	ea.	Net	



#2 Water Sample Bottle w/cap - General Stk# wsb2

Plastic bottle for collecting a water sample.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
wsb2	#2 Water Sample Bottle w/cap - General	1	24	ea.	Net	



Sidestream Filter Stk# 02125

The HeatLink® sidestream filter 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.

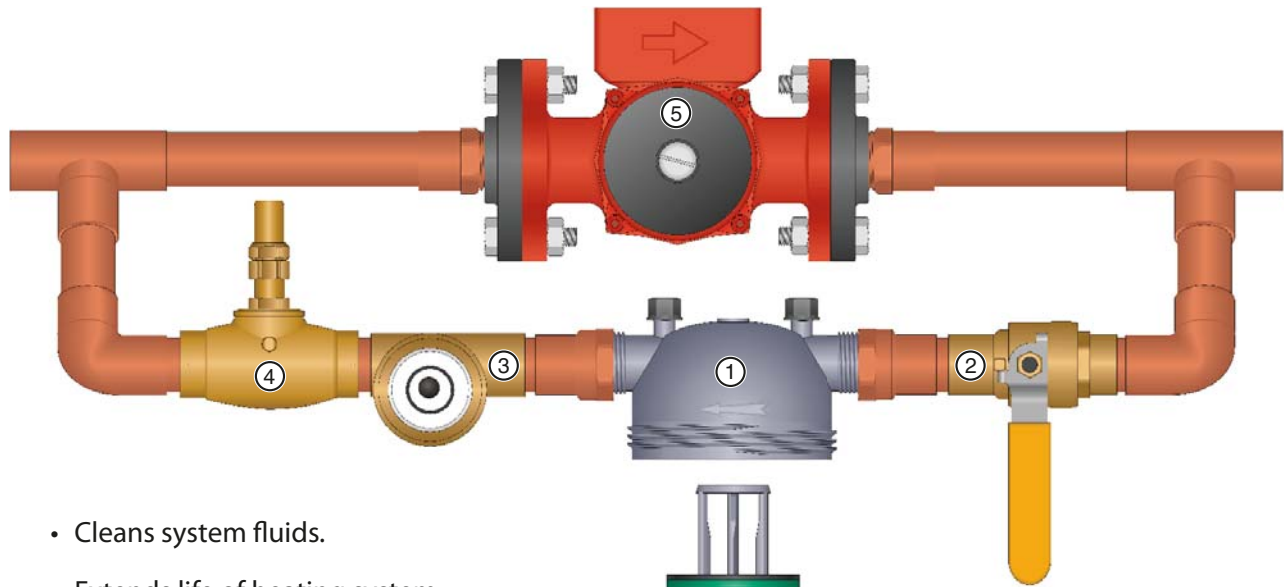
The 02125 filter (made of reinforced polypropylene) is chemically resistant to propylene & ethylene glycol and both molybdate and nitrite inhibitors.

The 55 micron filter cartridge is easily cleaned and reusable, no replacement cartridges are necessary.

For use on systems up to 600,000 BTU. One size fits all.

1" male NPT thread connections.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
02125	Sidestream Filter	1	—	ea.	H	



- Cleans system fluids.
- Extends life of heating system.
- Protects o-rings and seals.
- Maintains system efficiency.
- The 55 micron filter cartridge is easily cleaned and reused. No replacement cartridges are needed.
- For use in residential and commercial applications.
- For use on systems up to 600,000 BTU. One size fits all.

The 55 micron filter is a column of stacked disks designed to remove precipitates as water passes through.

There are no replacement filter cartridges to buy, as the disk system is easily removed, cleaned under a stream of warm water, and simply reinserted.



Components

- ① HeatLink® Sidestream filter (#02125)
- ② Isolation (ball) valve
- ③ Flow Indicator
- ④ HeatLink® Balancing valve (#62325)
- ⑤ Low Temp. System Pump



Heat Seal®

HeatSeal® is a flexible insulated pipe system, designed for long and short water distribution networks and a variety of applications.

HeatSeal® piping systems are made of crosslinked polyethylene (PEX) with oxygen diffusion barrier. PEX is used for its long term stability, excellent thermal characteristics, and resistance to abrasion, corrosion and chemicals.

Insulation consists of flexible, CFC free PEX foam with excellent heat insulation properties.

Corrugated HDPE twin wall sheath provides a protective barrier against installation and backfill damage, superior weather resistance and water proofing.



Potable water transport, waste water, refrigeration, swimming pools, and agricultural

applications are some of the many uses for this innovative product.

Adaptable to a variety of construction site conditions

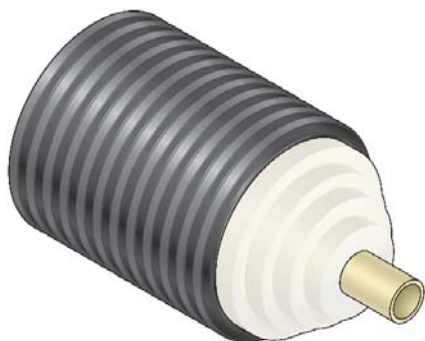
HeatSeal® is delivered directly to the construction site in "cut to length" coils which allow for quick installation with the least number of joints. Flexibility and ease of transportation means easy installation and adaptability to practically all construction projects. Since our products require considerably narrower piping trenches, civil engineering costs are significantly reduced. HeatSeal® can bend around obstacles and the shortest route can be chosen, regardless of conventional pipeline construction procedures.



HeatSeal® Dual 97022 inside bend radius

HeatSeal® can also be used where trenching is not an option, such as horizontal drilling applications. A large selection of fittings & accessories offers solutions for every situation.

The inherent cost savings, incredible versatility and quality of materials mean there is absolutely no better answer available! Call us today!



see page 21 for fittings

Insulated Heating Tubing - Single 97010 Series

HeatSeal® is a flexible insulated tubing system, designed for long and short water distribution networks and a variety of applications.

HeatSeal® piping systems are made of crosslinked polyethylene (PEX) with oxygen diffusion barrier. PEX is used for its long term stability, excellent thermal characteristics, and resistance to abrasion, corrosion and chemicals. All sizes are certified by NSF to NSF-61 and NSF-14. 1" tubing is manufactured to ASTM F-876. Maximum operating temperature 203°F @ 90 PSI (95°C @ 6 bar).

Insulation consists of flexible, CFC free PEX foam with excellent heat insulation properties.

Corrugated HDPE twin wall sheath provides a protective barrier against installation and backfill damage, superior weather resistance and water proofing.

Minimum Bend Radius is approx. 3.5x the sheath diameter.

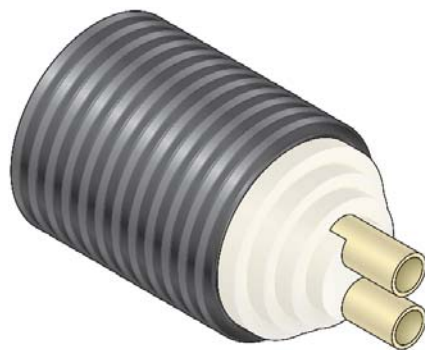
Lengths shorter than 328' are subject to a cut charge.

	Stk#	Description	Pkg Qty	Max. Length	Unit	Disc.	List Price / Unit
Special Order	97011	1" HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97012	1-¼" I.D. (40 × 3.7mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97013	1-½" I.D. (50 × 4.6mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97014	2" I.D. (63 × 5.7mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97015	2-½" I.D. (75 × 6.9mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97016	3" I.D. (90 × 8.2mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
	97017	4" I.D. (110 × 10.0mm) HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
Cut	Custom Coil Cutting	1	—	ea.	Net	

* Special order item #97011 subject to lead time of 8 weeks and minimum order.

** Special order item #97012 subject to lead time of 8 weeks.



see page 21 for fittings

Insulated Heating Tubing - Dual 97020 Series

HeatSeal® is a flexible insulated tubing system, designed for long and short water distribution networks and a variety of applications.

HeatSeal® piping systems are made of crosslinked polyethylene (PEX) with oxygen diffusion barrier. PEX is used for its long term stability, excellent thermal characteristics, and resistance to abrasion, corrosion and chemicals. All sizes are certified by NSF to NSF-61 and NSF-14. 1" tubing is manufactured to ASTM F-876. Maximum operating temperature 203°F @ 90 PSI (95°C @ 6 bar).

Insulation consists of flexible, CFC free PEX foam with excellent heat insulation properties.

Corrugated HDPE twin wall sheath provides a protective barrier against installation and backfill damage, superior weather resistance and water proofing.

Minimum Bend Radius is approx. 3.5x the sheath diameter.

Lengths shorter than 328' are subject to a cut charge.

Stk#	Description	Pkg Qty	Max. Length	Unit	Disc.	List Price / Unit
97021	1" Dual HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
97022	1-¼" I.D. (40 × 3.7mm) Dual HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
97023	1-½" I.D. (50 × 4.6mm) Dual HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	
97024	2" I.D. (63 × 5.7mm) Dual HeatSeal® insulated PEX-a Tubing	1	328	ft.	HP	

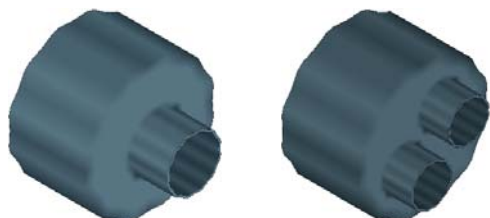
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
Cut	Custom Coil Cutting	1	—	ea.	Net	



"Dry" End Caps 81000 Series

End cap to protect insulation in areas where moisture is not a problem.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
Special Order	81011	HeatSeal® 1" Endcap (Dry)	1	—	ea.	P	
	81012	HeatSeal® 1-¼" Endcap (Dry)	1	—	ea.	P	
Special Order	81013	HeatSeal® 1-½" Endcap (Dry)	1	—	ea.	P	
	81014	HeatSeal® 2" Endcap (Dry)	1	—	ea.	P	
	81015	HeatSeal® 2-½" Endcap (Dry)	1	—	ea.	P	
	81016	HeatSeal® 3" Endcap (Dry)	1	—	ea.	P	
	81017	HeatSeal® 4" Endcap (Dry)	1	—	ea.	P	
	81021	HeatSeal® 1" Dual Endcap (Dry)	1	—	ea.	P	
	81022	HeatSeal® 1-¼" Dual Endcap (Dry)	1	—	ea.	P	
	81023	HeatSeal® 1-½" Dual Endcap (Dry)	1	—	ea.	P	
	81024	HeatSeal® 2" Dual Endcap (Dry)	1	—	ea.	P	



"Wet" End Cap 81100 Series

End cap to protect insulation in areas where moisture is a problem. It is shrunk on to the pipe by applying a gas flame or hot air.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
	81113	HeatSeal® 1-½" Shrink Cap (Wet)	1	—	ea.	P	
	81114	HeatSeal® 2" Shrink Cap (Wet)	1	—	ea.	P	
	81115	HeatSeal® 2-½" Shrink Cap (Wet)	1	—	ea.	P	
	81116	HeatSeal® 3" Shrink Cap (Wet)	1	—	ea.	P	
	81117	HeatSeal® 4" Shrink Cap (Wet)	1	—	ea.	P	
	81121	HeatSeal® 1" Dual Shrink Cap (Wet)	1	—	ea.	P	
	81122	HeatSeal® 1-¼" Dual Shrink Cap (Wet)	1	—	ea.	P	
	81123	HeatSeal® 1-½" Dual Shrink Cap (Wet)	1	—	ea.	P	
	81124	HeatSeal® 2" Dual Shrink Cap (Wet)	1	—	ea.	P	



Coupling Hard Shell - all regular sizes 82002

Once the HeatSeal[®] pipes are connected, this casing provides additional insulation and seals the outer jacket. The set comes with stone wool, a ready to use bitumen rubber kit, stainless steels bolts and an instruction leaflet.

For use with all pipe sizes except 1" single.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
82002	HeatSeal [®] Coupling Hard Shell all regular sizes	1	—	ea.	P	



Tee Shell - all regular sizes 84200

Once the HeatSeal[®] pipes are connected, this casing provides additional insulation and seals the outer jacket. The set comes with stone wool, a ready to use bitumen rubber kit, stainless steels bolts and an instruction leaflet.

For use with all pipe sizes except 1" single.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
84200	HeatSeal [®] Tee Shell all regular sizes	1	—	ea.	P	



Making the Complex Simple

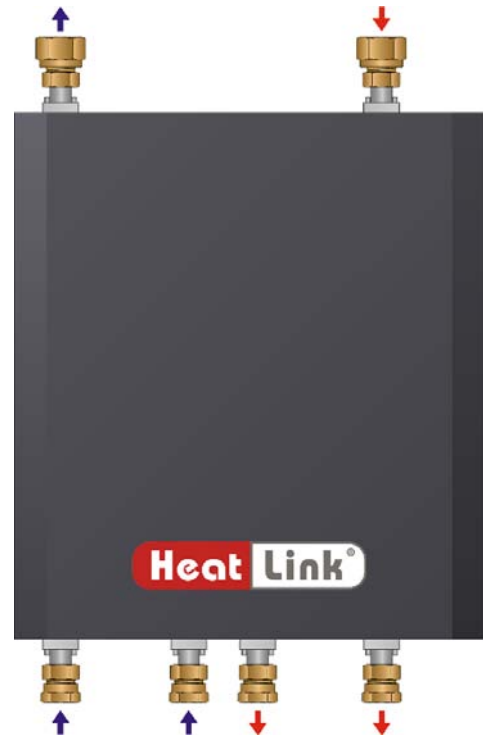
HeatLink has found a way to make the complex more simple. With the Mechanical Room in a Box, some of the most common components of a radiant hydronic installation (mainly the wiring, pumps, and mixing valves), are installed on a panel with a plug, and boxed with a steel cover. This pre-wired, pre-fabricated, 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.

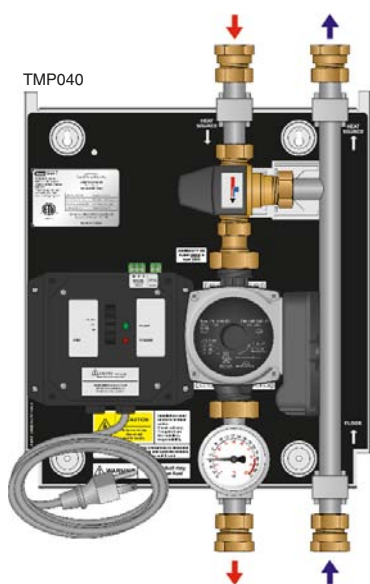
Advantages

- 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.



Panel Stk#	Page #	For use in open system	For use in closed system	Nominal Output (MBH)	3-way Mixing Valve	Thermostatic Valve	Reset Mixing	Heat Exchanger	DHW Priority	Distribution Header	Distribution Manifold	DHW Branch & Pump	High Temp Branch	For use with Tankless Water Heater	Open System Zoning	24hr Timer for Potable Applications	Purge Timer	Bypass Function	Auxiliary Dry Contacts	Auxiliary Dry Contacts for Heat Source	Pump Check Valve
Small House, Garage, Apartments																					
TMP040	63	✓	✓	40	✓	✓							✓	✓	✓						
TMP070	63	✓	✓	70	✓	✓							✓	✓	✓						
TMP070Z	63	✓	✓	70	✓	✓						✓	✓	✓	✓						
TMP085DP	64	✓	✓	85	✓	✓						✓	✓	✓	✓					Both	
TMP200DT	64	✓	✓	200	✓	✓				✓	✓		✓	✓	✓					Both	
HEP025	65	✓	✓	25			✓ opt					✓	✓	✓	✓						
HEP080	65	✓	✓	80			✓ opt					✓	✓	✓	✓						
HEP095	66	✓	✓	95			✓ opt					✓	✓	✓	✓						
TWH070	67	✓		70	✓	✓						✓	✓	✓	✓					Primary only	
TWH070PS	68	✓		70	✓	✓	✓					✓	✓	✓	✓					Primary only	
TWH070XPS	68	✓		70	✓	✓	✓					✓	✓	✓	✓					Primary only	
WHP130	69	✓	✓	130			✓						✓	✓	✓						
Large House																					
CDP200	69		✓	200	✓	✓	✓			*	*	*		✓	✓	✓	✓				
CDP220	70		✓	220	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓				
CDP220P3	70		✓	220	✓	✓	✓			✓	✓	opt		✓	✓	✓	✓				
CDP250	70		✓	250	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓				
CDP250P3	70		✓	250	✓	✓	✓			✓	✓	opt		✓	✓	✓	✓				
CDP220M	71		✓	220	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓				
CDP220MP3	71		✓	220	✓	✓	✓	✓		✓	✓	opt		✓	✓	✓	✓				
CDP250M	71		✓	250	✓	✓	✓			✓	✓	✓		✓	✓	✓	✓				
CDP250MP3	71		✓	250	✓	✓	✓	✓		✓	✓	opt		✓	✓	✓	✓				
CDP310RP3	72		✓	310	✓		✓			✓	✓	opt		✓	✓	✓	✓				
CDP310RP4	72		✓	310	✓		✓	✓		✓	✓	✓		✓	✓	✓	✓				
Commercial																					
SSM100 Series	73		✓					✓													
TSM100 Series	74		✓					✓													
SSP100 Series	75		✓	45 to 132				✓							✓	✓					
SST100 Series	76		✓	37 to 104	✓	opt	opt		✓						✓	✓					
ZMP006	77		✓	210	✓	✓	✓	✓							✓	✓					
ZMP008	77		✓	280	✓	✓	✓	✓							✓	✓					
ZMP010	77		✓	350	✓	✓	✓	✓							✓	✓					
ZMP012	77		✓	350	✓	✓	✓	✓							✓	✓					
ZMP014	77		✓	350	✓	✓	✓	✓							✓	✓					
Snow Melting																					
SMP400D	78		✓	400	✓		✓								✓	✓					
SMP105	78		✓	105	✓		✓	✓							✓	✓					
SMP250	78		✓	250	✓		✓	✓							✓	✓					
SMP335	78		✓	335	✓		✓	✓							✓	✓					
SMP425	78		✓	425	✓		✓	✓							✓	✓					
Swimming Pool / Hot Tub																					
PSP250	79		✓	250	✓		M								✓	✓					
PSP500	79		✓	500	✓		M								✓	✓					
Solar																					
SOL080	80	✓		80			✓						✓	✓	✓						

* CDP200 panel branch and pump can be used for either DHW or high temp, but not both



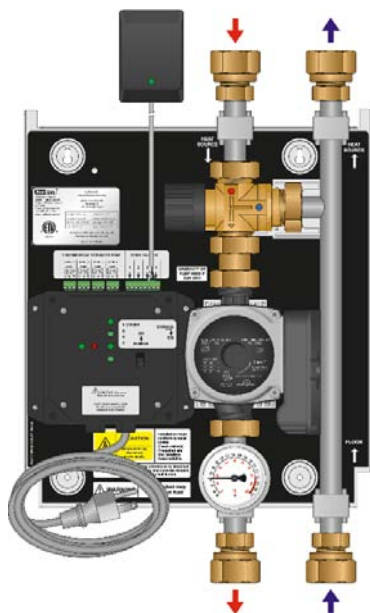
TMP 40/70 MBH 3-Way Mixing Panels

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 pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. At this time, a DHW priority option for these panels is not available.

When the panel receives a call for heat, the pump is activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TMP040	TMP 40 MBH Mixing Panel	1	—	ea.	H	
TMP070	TMP 70 MBH Mixing Panel	1	—	ea.	H	



TMP 70 MBH 3-Way Mixing Panel with Zoning

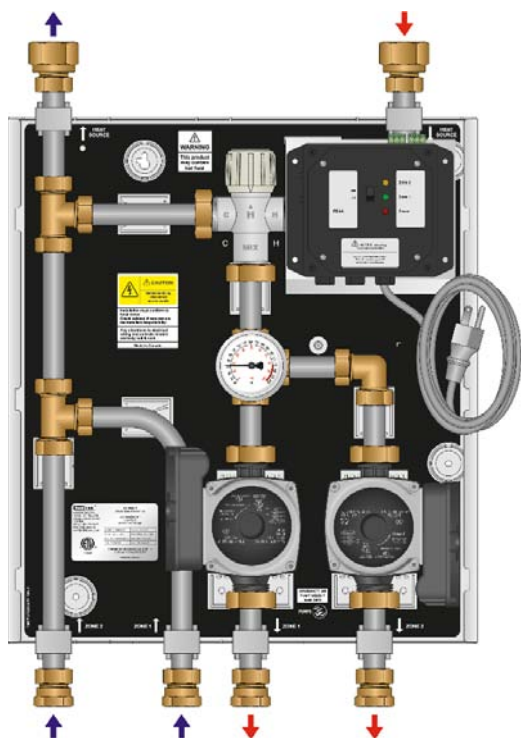
Stk# TMP070Z

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 pump is activated, and actuators (sold separately) are opened once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. The power box has thermostat inputs and actuator outputs for up to four zones (two actuators per zone). At this time, a DHW priority option for these panels is not available.

When the panel receives a call for heat, the pump is activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. When used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible (subject to local codes).

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TMP070Z	TMP 70 MBH Mixing Panel with Zoning	1	—	ea.	H	



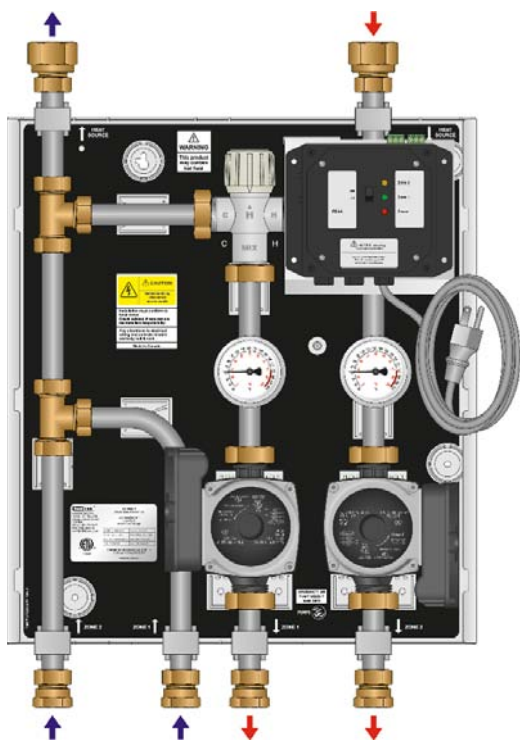
TMP 85 MBH Dual Pump Mixing Panel

Stk# TMP085DP

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 pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. At this time, a DHW priority option for these panels is not available.

When the panel receives a call for heat, the pump is activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible. The TMP085DP not only allows for higher output, but it is also a 2-zone panel. So even with a DHW heat source, you can now have two radiant floor zones.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TMP085DP	TMP 85 MBH Dual Pump Mixing Panel	1	—	ea.	H	



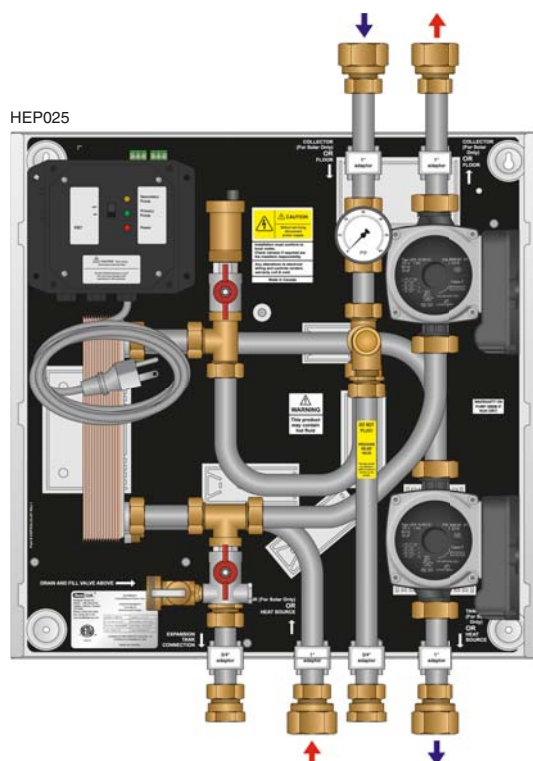
TMP 200 MBH 2-Temperature Mixing Panel

Stk# TMP200DT

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 pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. At this time, a DHW priority option for these panels is not available.

When the panel receives a call for heat, the pump is activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible. The TMP200DT is a dual temperature panel. The low temperature output is the same as the TMP070, but it also has a high temperature pump, for secondary high temperature applications such as a fan coil or baseboard.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TMP200DT	TMP 200 MBH 2 Temperature Panel	1	—	ea.	H	



HEP Isolation Heat Exchanger Panels

Stk# HEP025 & HEP080

The main application of the HEP Isolation Heat Exchanger Panel is to provide single wall isolation between a DHW tank and a heating system. While other applications are possible, it is important to note that this panel is *not* a temperature control device. The secondary water temperature is wholly dependent on the temperature of the primary supply water. When the panel receives a call for heat, it activates both primary and secondary pumps. The primary pump is also activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping or heat exchanger is not stagnant.

The panel is pre-wired to work with the HEPPS DHW priority switch (see below) which is mounted outside the panel.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
HEP025	HEP 25 MBH Isolation Heat Exchanger Panel	1	—	ea.	H	
HEP080	HEP 80 MBH Isolation Heat Exchanger Panel	1	—	ea.	H	

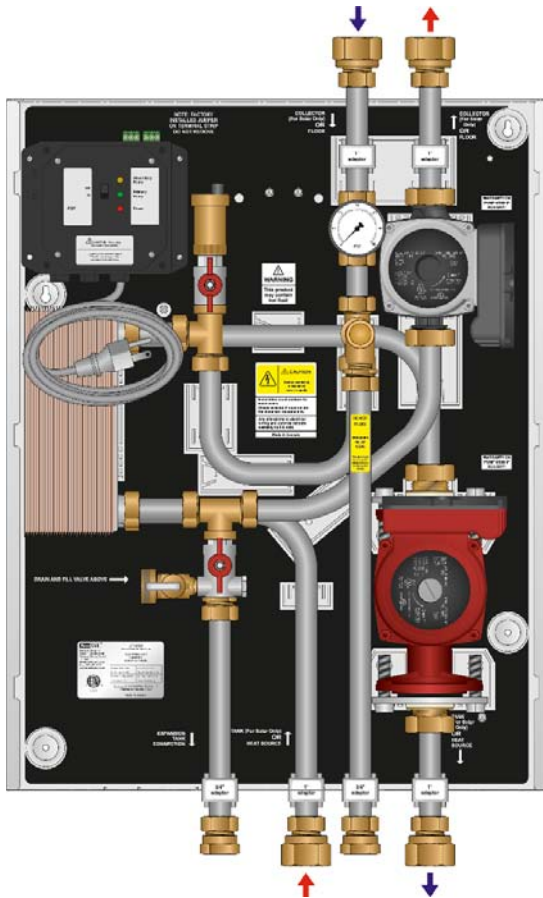


Flow Indicator Assembly for DHW Priority

Stk# HEPPS

For use with the HEP series panels. When using the HEPPS priority switch, a flow sensor is installed in the DHW supply to the house downstream from the branch to the HEP panel. When the HEPPS detects water flow, it will turn off the primary pump in the HEP panel, until such time that the DHW flow to the house falls below ~0.7 US gpm.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
HEPPS	Flow Indicator Assembly for Domestic Hot Water Priority	1	—	ea.	H	



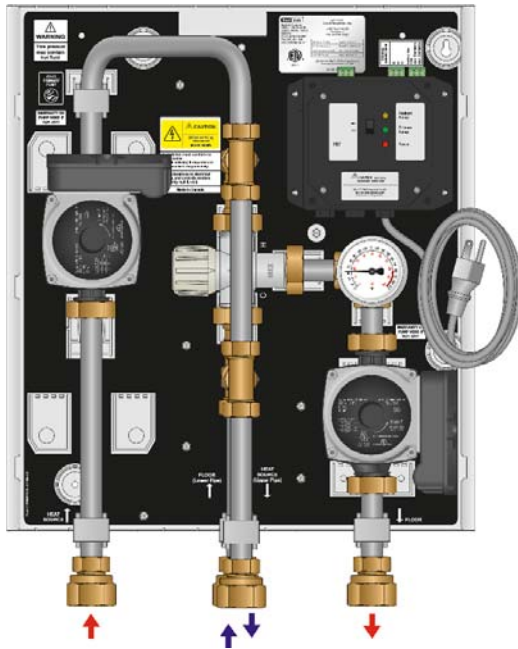
HEP 95 BTU Isolation Heat Exchanger Panel
Stk# HEP095

The main application of the HEP Isolation Heat Exchanger Panel is to provide single wall isolation between a DHW tank and a heating system. While other applications are possible, it is important to note that this panel is *not* a temperature control device. The secondary water temperature is wholly dependent on the temperature of the primary supply water. The HEP095 is designed for applications where there is an extremely high flow resistance in the heat source. When the panel receives a call for heat, it activates both primary and secondary pumps. The primary pump is also activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping or heat exchanger is not stagnant.

The panel is pre-wired to work with the HEPPS DHW priority switch (see previous page) which can be mounted inside the panel.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
HEP095	HEP 95 MBH Isolation Heat Exchanger Panel	1	–	ea.	H	

New!



TWH 70 MBH Tankless Water Heater Mixing Panel Stk# TWH070

The TWH Tankless Water Heater Mixing Panel's primary application is as a single zone mixing device for tankless DHW heaters. 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.

When a panel receives a call for heat, both pumps are activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit.

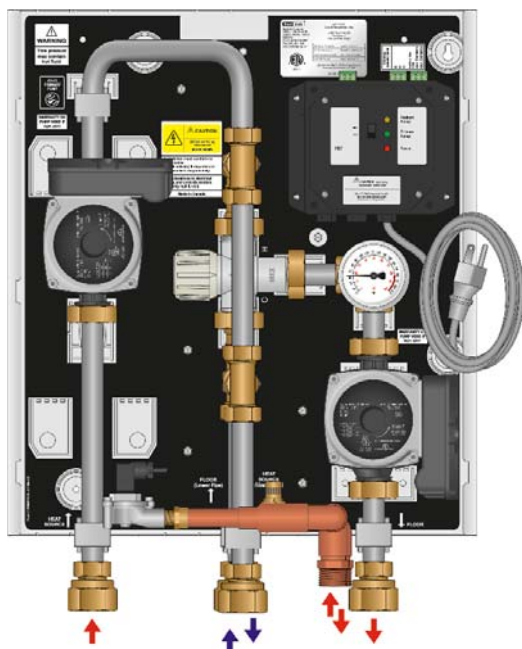
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TWH070	TWH 70 MBH Tankless Water Heater Mixing Panel	1	—	ea.	H	

TWH 70 MBH Tankless Water Heater Mixing Panels with DHW Priority Stk# TWH070PS & TWH070XPS

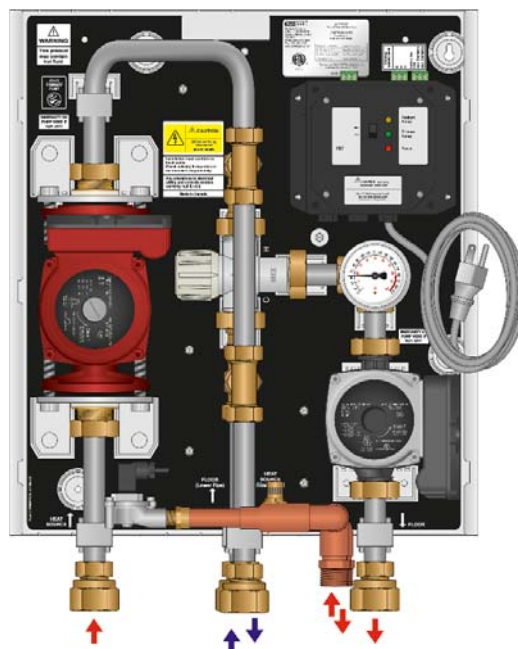
The TWH Tankless Water Heater Mixing Panel's primary application is as a single zone mixing device for tankless DHW heaters. Both the primary and secondary pumps are activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant.

When the panel receives a call for heat, both pumps are activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. The TWH070XPS is designed for applications where there is an extremely high flow resistance in the heat source. Both the TWH070PS and the TWH070XPS have a flow activated DHW priority switch that turns off the primary pump when there is flow in the regular DHW line

TWH070PS



TWH070XPS

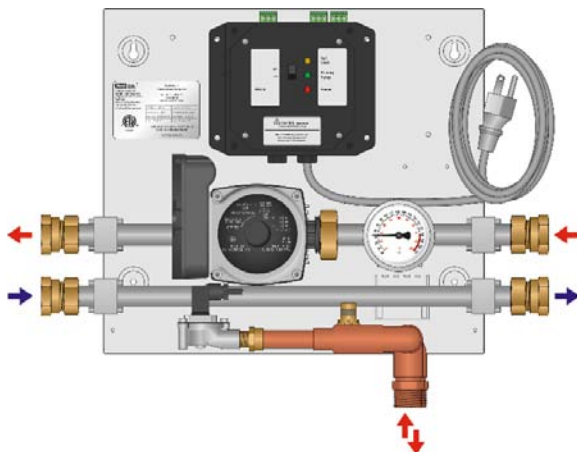


Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TWH070PS	TWH 70 MBH Tankless Water Heater Mixing Panel with DHW Priority	1	—	ea.	H	
TWH070XPS	TWH 70 MBH High Head Tankless Water Heater Mixing Panel with DHW Priority	1	—	ea.	H	

WHP 130 MBH Water Heater Pump Panel with DHW Priority

Stk# WHP130

The WHP Water Heater Pump Panel's primary application is as a flow activated DHW priority switched pump. Intended to be used with DHW tanks as a heat source, the pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. The flow activated DHW priority switch turns off the primary pump when there is flow in the regular DHW line.

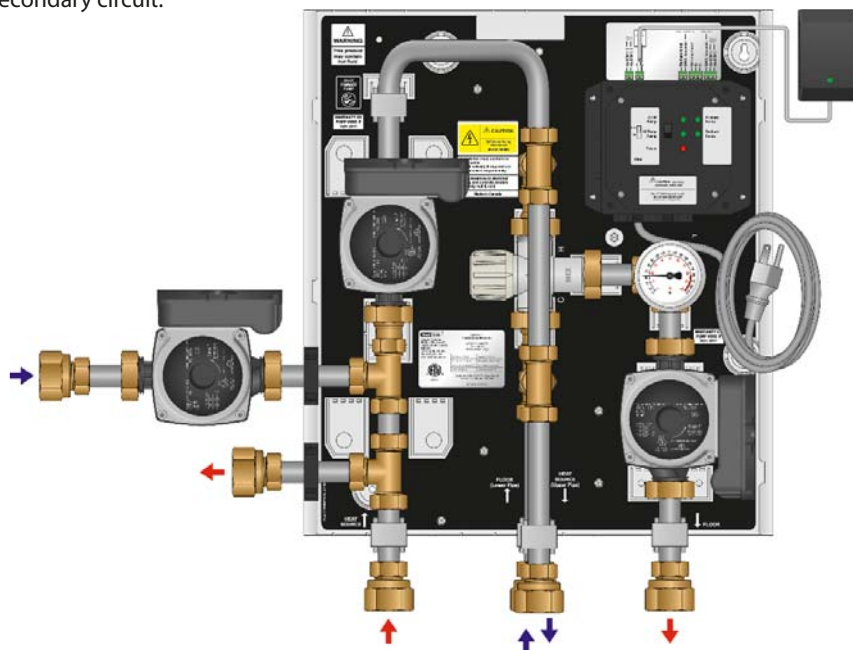


Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
WHP130	WHP Water Heater Pump Panel with DHW Priority	1	—	ea.	H	

CDP 200 MBH 2-Temperature System Panel

Stk# CDP200

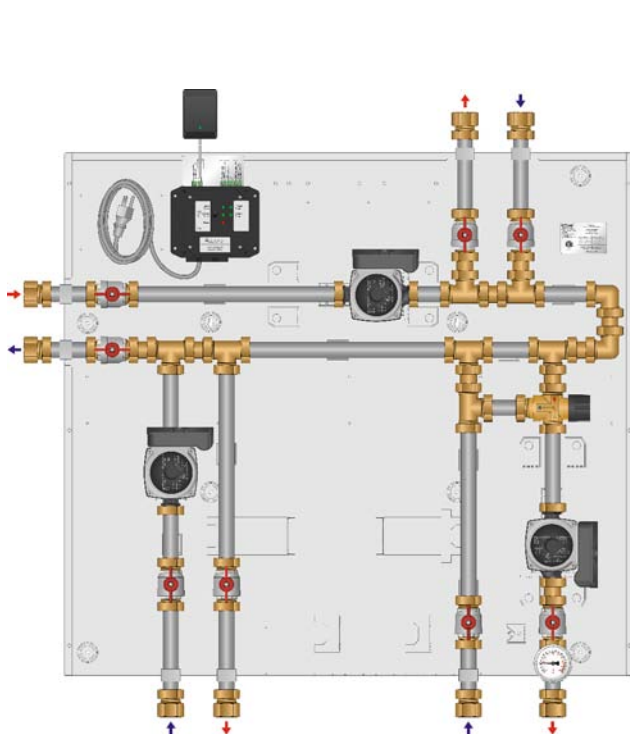
The CDP200 Combi Panel operates as a high/low temperature distribution center, with a boiler (or other non-DHW appliance) as a heat source. The CDP200 has one high temperature branch that can be used for an indirect-fired DHW tank (with priority), or a high temperature heating application such as fan coils or baseboards. The thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in secondary circuit.



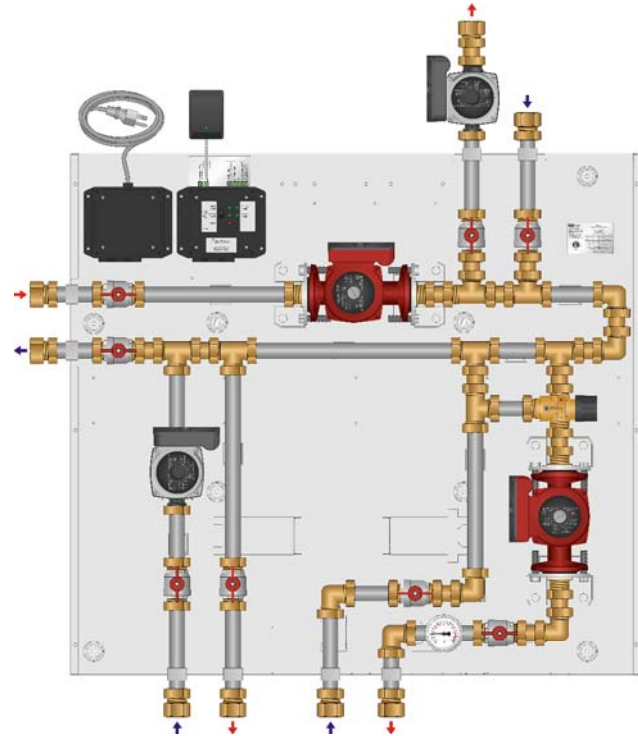
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
CDP200	CDP 200 MBH 2 Temperature System Panel with 3 Pumps	1	—	ea.	H	

CDP 220-250 MBH 2-Temperature Combi DHW System Panels Stk# CDP220 & CDP250

The CDP220 and 250 Combi Panels operate as high/low temperature distribution centers, with a boiler (or other non-DHW appliance) as a heat source. The CDP220 and 250 each have two high temperature branches, one for the indirect-fired DHW tank (with priority) and one for the high temperature heating application. The thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in secondary circuit.



CDP220P3



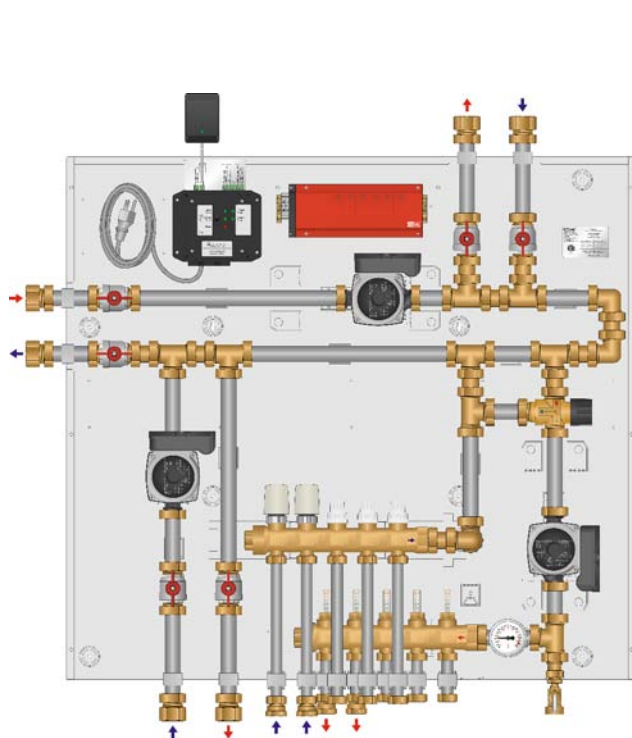
CDP250

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
	CDP220	CDP 220 MBH 2 Temperature Combi DHW System Panel with 4 Pumps	1	—	ea.	H	
New!	CDP220P3	CDP 220 MBH 2 Temperature Combi DHW System Panel with 3 Pumps	1	—	ea.	H	
	CDP250	CDP 250 MBH 2 Temperature Combi DHW System Panel with 4 Pumps	1	—	ea.	H	
New!	CDP250P3	CDP 250 MBH 2 Temperature Combi DHW System Panel with 3 Pumps	1	—	ea.	H	

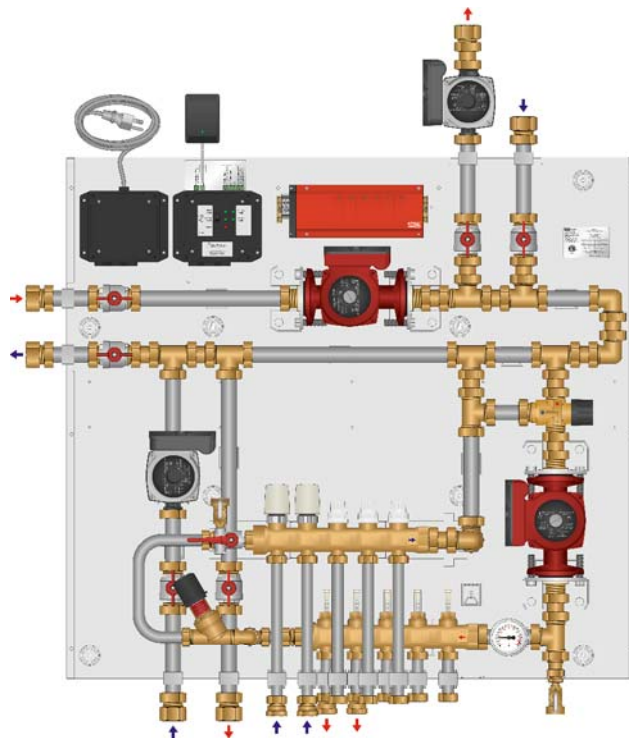
CDP 220-250 MBH 2-Temperature System Panels with Low Temp Header

Stk# CDP220M & CDP250M

The CDP220M and 250M Combi Panels operate as high/low temperature distribution centers, with a boiler (or other non-DHW appliance) as a heat source. The CDP220M and 250M each have two high temperature branches, one for the indirect-fired DHW tank (with priority) and one for the high temperature heating application. The thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in secondary circuit. In addition, the CDP 220M and 250M include a low temperature distribution header.



CDP220MP3

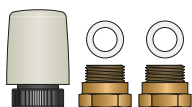


CDP250M

New!

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
CDP220M	CDP 220 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Low Temp Manifold	1	—	ea.	H	
CDP220MP3	CDP 220 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Low Temp Manifold	1	—	ea.	H	
CDP250M	CDP 250 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Low Temp Manifold	1	—	ea.	H	
CDP250MP3	CDP 250 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Low Temp Manifold	1	—	ea.	H	



CDP Actuator for Distribution Header

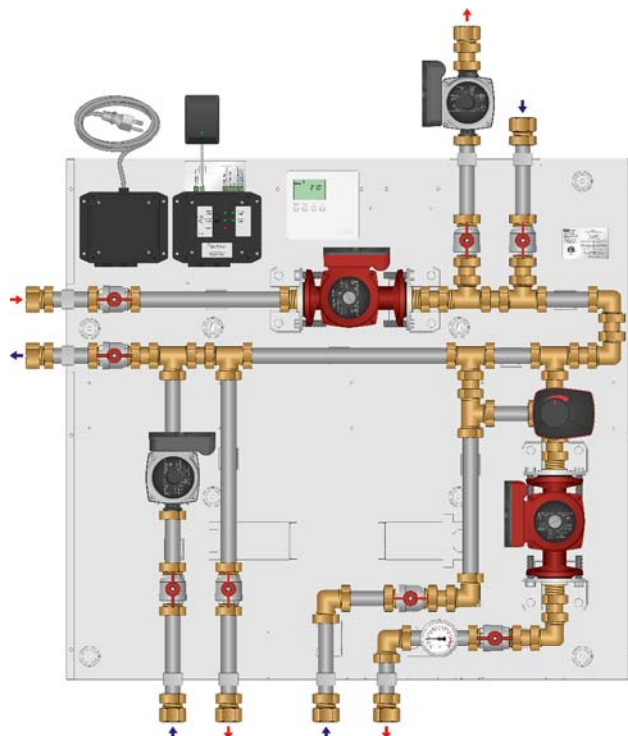
Stk# CDPACT

Includes an actuator, two 3/4" washers, and two 3/4" MBSP x 3/4" FPT adapters to enable control of one additional zone on the distribution header.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
CDPACT	CDP Actuator for Distribution Header	1	—	ea.	H	

CDP 310 MBH 2-Temperature System Panels with Outdoor Reset Stk# CDP310RP3 & CDP310RP4

The CDP310R Combi Panels operate as high/low temperature distribution centers, with a boiler (or other non-DHW appliance) as a heat source. The CDP310R panels each have two high temperature branches, one for the indirect-fired DHW tank (with priority) and one for the high temperature heating application. The #31355 Compact Mixing Control with the 3-way mixing valve and actuator will automatically regulate the water temperature in secondary circuit.



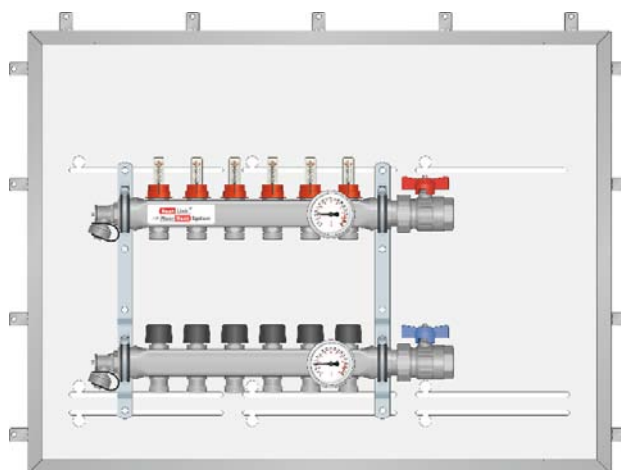
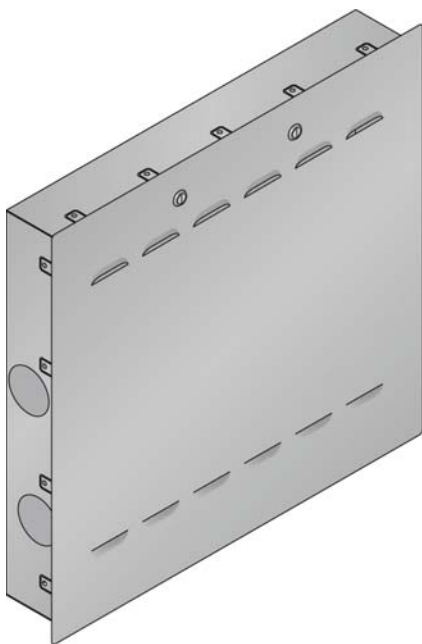
CDP310RP4

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	CDP310RP3	CDP 310 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Outdoor Reset	1	—	ea.	H	
New!	CDP310RP4	CDP 310 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Outdoor Reset	1	—	ea.	H	

SSM – Stainless Steel Manifold Panels SSM Series

The Stainless Steel Manifold Panel allows easy access to the pre-mounted manifold through its coin locking (#71902 key locks optional, field installed) removable door. Frame and door enable a structural flush seal. Space is available for mounting a StatLink[®] module above the manifold.

- Available in 4, 6, 8, and 10 loop configurations.
- Satin coated steel cover is ready to paint without priming.
- Comes with one loop closed and plugged.
- Openings for mains piping on left and right sides.
- Electrical wiring openings on top & sides.
- Depth allows for mounting a manifold in a 2x4 wall.



SSM106R

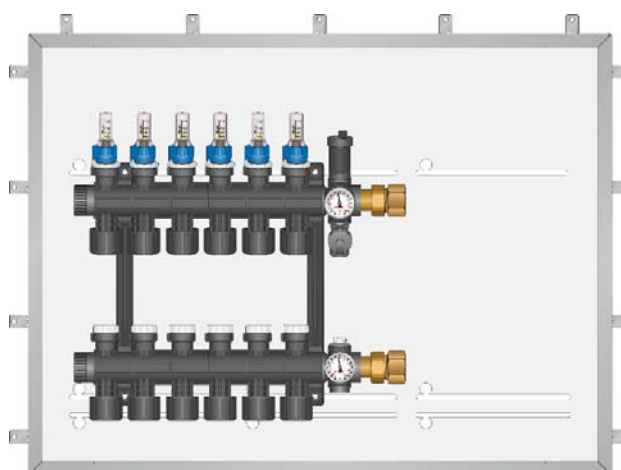
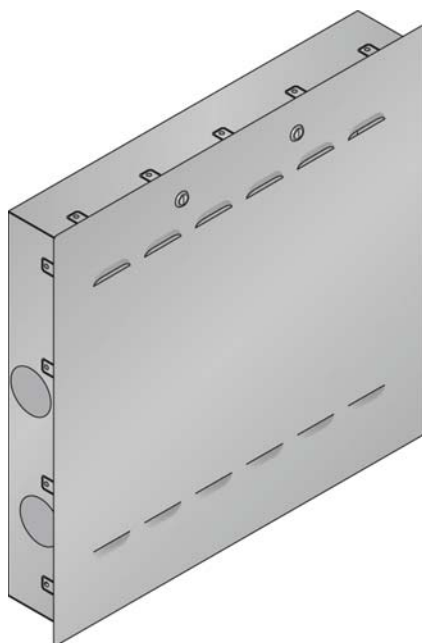
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SSM104R	SSM Recessed 4 Loop Stainless Steel Manifold Panel	1	–	ea.	H	
SSM106R	SSM Recessed 6 Loop Stainless Steel Manifold Panel	1	–	ea.	H	
SSM108R	SSM Recessed 8 Loop Stainless Steel Manifold Panel	1	–	ea.	H	
SSM110R	SSM Recessed 10 Loop Stainless Steel Manifold Panel	1	–	ea.	H	

TSM – TwistSeal® Mini Multiport Manifold Panels

TSM Series

The TwistSeal® Mini Multiport Manifold Panel allows easy access to the pre-mounted manifold through its coin locking (#71902 key locks optional, field installed) removable door. Frame and door enable a structural flush seal. Space is available for mounting a StatLink® module above the manifold.

- Available in 4, 6, 8, and 10 loop configurations.
- Satin coated steel cover is ready to paint without priming.
- Comes with one loop closed and plugged.
- Openings for mains piping on left and right sides.
- Electrical wiring openings on top & sides.
- Depth allows for mounting a manifold in a 2x4 wall.



TSM306R

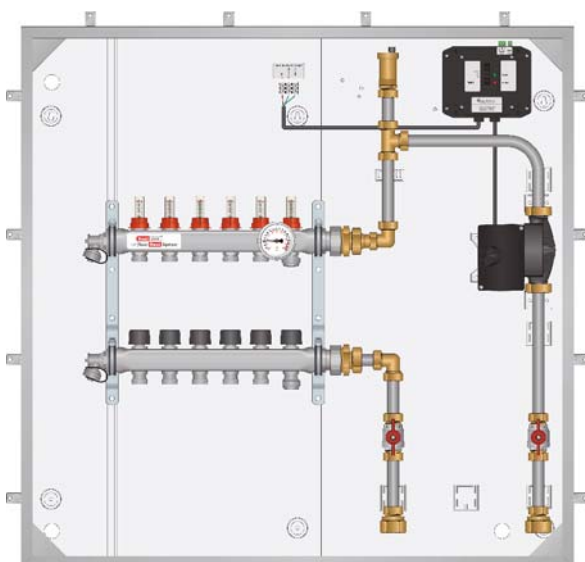
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
TSM304R	TSM Recessed 4 Loop TwistSeal® Mini Multiport Manifold Panel	1	–	ea.	H	
TSM306R	TSM Recessed 6 Loop TwistSeal® Mini Multiport Manifold Panel	1	–	ea.	H	
TSM308R	TSM Recessed 8 Loop TwistSeal® Mini Multiport Manifold Panel	1	–	ea.	H	
TSM310R	TSM Recessed 10 Loop TwistSeal® Mini Multiport Manifold Panel	1	–	ea.	H	

SSP - Stainless Steel Manifold Pump Panels

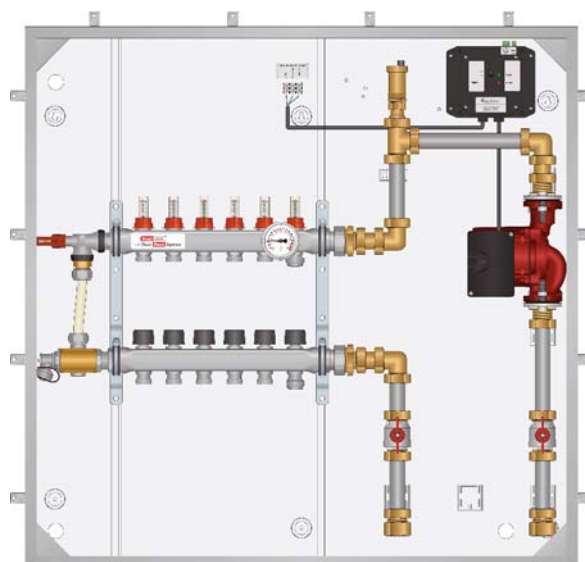
SSP Series

The Stainless Steel Manifold Pump Panel includes a recessed housing with coin lock (#71902 key locks optional, field installed), stainless steel manifold with flow meters, automatic air vent, and pre-wired system pump & relay. Space is available for mounting a StatLink® module above the manifold.

- Available in 4, 6, 8, and 10 loop configurations.
- Satin coated steel housing is ready to paint without priming.
- Comes with one loop closed and plugged.
- Electrical wiring openings on top & sides.
- Depth allows for mounting a manifold in a 2x6 wall.
- Custom configurations are available. Please call for details.



SSP106RS



SST106RL with SSAPB

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SSP104RS	SSP Recessed 4 Loop Stainless Steel Manifold Small Pump Panel	1	—	ea.	H	
SSP104RL	SSP Recessed 4 Loop Stainless Steel Manifold Large Pump Panel	1	—	ea.	H	
SSP106RS	SSP Recessed 6 Loop Stainless Steel Manifold Small Pump Panel	1	—	ea.	H	
SSP106RL	SSP Recessed 6 Loop Stainless Steel Manifold Large Pump Panel	1	—	ea.	H	
SSP108RS	SSP Recessed 8 Loop Stainless Steel Manifold Small Pump Panel	1	—	ea.	H	
SSP108RL	SSP Recessed 8 Loop Stainless Steel Manifold Large Pump Panel	1	—	ea.	H	
SSP110RS	SSP Recessed 10 Loop Stainless Steel Manifold Small Pump Panel	1	—	ea.	H	
SSP110RL	SSP Recessed 10 Loop Stainless Steel Manifold Large Pump Panel	1	—	ea.	H	

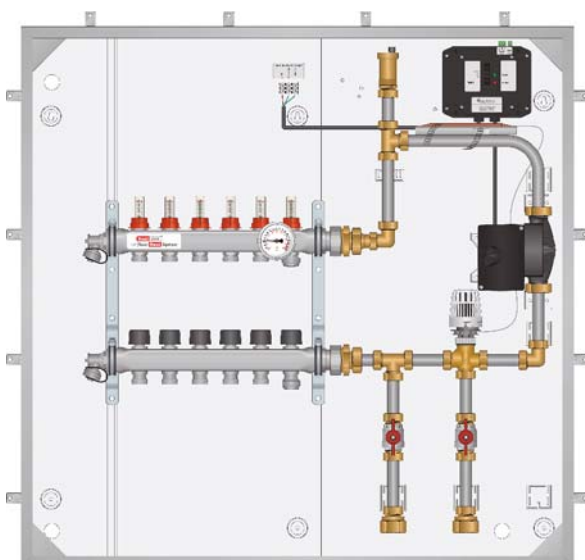
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SSAPB	Optional Pressure Bypass Installed in SSP or SST Panel	1	—	ea.	H	

SST - Stainless Steel Manifold Mixing Panels

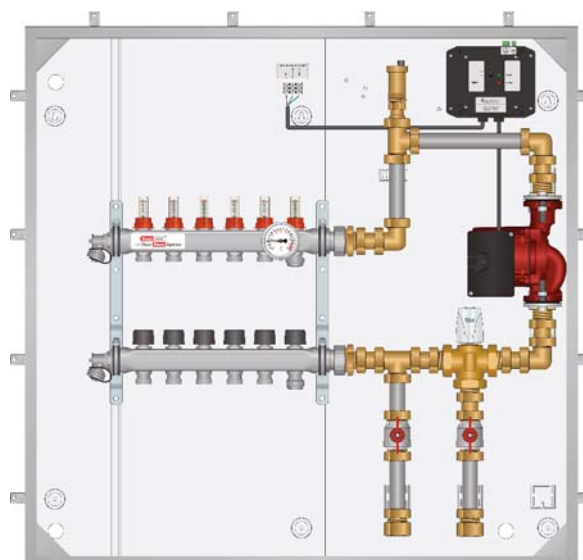
SST Series

The Stainless Steel Manifold Mixing Panel includes a recessed housing with coin lock (#71902 key locks optional, field installed), stainless steel manifold, automatic air vent, 3-way mixing valve, and prewired system pump. Space is available for mounting a StatLink® module above the manifold.

- Available in 4, 6, 8, and 10 loop configurations.
- Satin coated steel housing is ready to paint without priming.
- Comes with one loop closed and plugged.
- Electrical wiring openings on top & sides.
- Depth allows for mounting a manifold in a 2x6 wall.
- Custom configurations are available. Please call for details.



SST106RS with SSATH



SST106RL with SSADDC

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SST104RS	SST Recessed 4 Loop Stainless Steel Manifold Small Mixing Panel	1	—	ea.	H	
SST104RL	SST Recessed 4 Loop Stainless Steel Manifold Large Mixing Panel	1	—	ea.	H	
SST106RS	SST Recessed 6 Loop Stainless Steel Manifold Small Mixing Panel	1	—	ea.	H	
SST106RL	SST Recessed 6 Loop Stainless Steel Manifold Large Mixing Panel	1	—	ea.	H	
SST108RS	SST Recessed 8 Loop Stainless Steel Manifold Small Mixing Panel	1	—	ea.	H	
SST108RL	SST Recessed 8 Loop Stainless Steel Manifold Large Mixing Panel	1	—	ea.	H	
SST110RS	SST Recessed 10 Loop Stainless Steel Manifold Small Mixing Panel	1	—	ea.	H	
SST110RL	SST Recessed 10 Loop Stainless Steel Manifold Large Mixing Panel	1	—	ea.	H	

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SSADDC	56121 DDC Actuator Installed on Mixing Valve in SST Panel	1	—	ea.	H	
SSAPB	Optional Pressure Bypass Installed in SSP or SST Panel	1	—	ea.	H	
SSATH	57094 Thermostatic Head Installed in SST Panel	1	—	ea.	H	

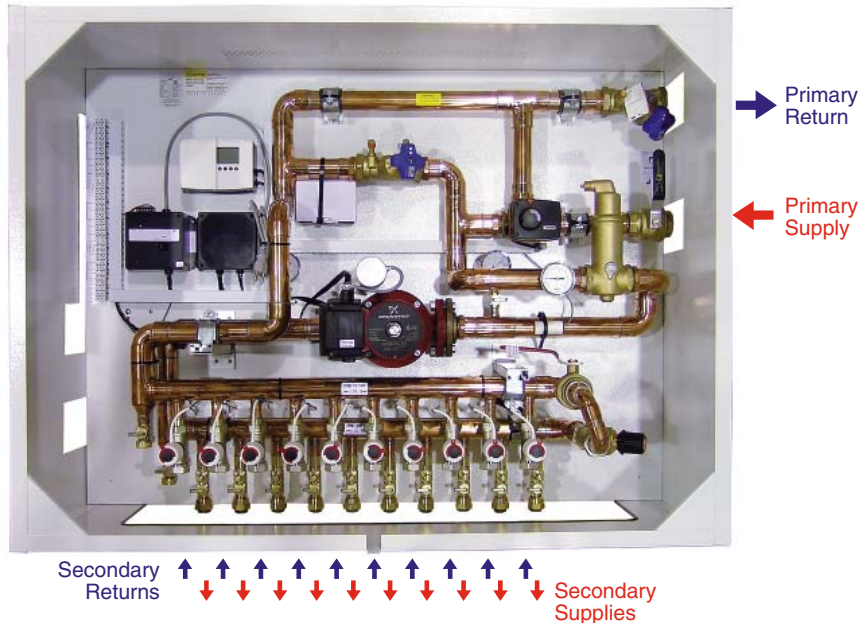
ZMP 6-10 Branch Zone Mixing Panels

ZMP Series

The multi-branch unit provides 6 to 14 zones/branches of mixed water, each having a capacity of up to 3.5 GPM ($\frac{3}{4}$ " zone valves are provided), with the combined total output flow not exceeding 35 GPM. A slow-acting zone valve, eliminating the water hammer effect commonly experienced with quick-acting valves, controls flow to each zone.

Though the panel is not supplied with thermostats (but is suitable for use with HeatLink Thermostats), it has a standard factory wired panel terminal strip where a thermostat may be field wired. A pressure bypass valve provides a minimum flow through the panel when there is a limited demand for heat. Mixed water is provided by a 3-way valve which is controlled by an outdoor reset control.

ZMP010



Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
ZMP006	ZMP 6 Branch Trunk Manifold Mixing Panel	1	—	ea.	H	
ZMP008	ZMP 8 Branch Trunk Manifold Mixing Panel	1	—	ea.	H	
ZMP010	ZMP 10 Branch Trunk Manifold Mixing Panel	1	—	ea.	H	
ZMP012	ZMP 12 Branch Trunk Manifold Mixing Panel	1	—	ea.	H	
ZMP014	ZMP 14 Branch Trunk Manifold Mixing Panel	1	—	ea.	H	

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

The SMP400D Snow Melt Panel is a central operations center for a fully automatic snow melt system. The SMP400D does not have an isolation heat exchanger and is intended for snow melt systems with a dedicated heat source (e.g. a boiler or other non-DHW appliance). Housing the snow melt pump, mixing valve, and controls, it supplies the snow melt pad with the glycol mixture from the heat source.



SMP 105-425 MBH Snow Melt Panels with Heat Exchangers SMP000 Series

The SMP105-425 Snow Melt Panels are central operations centers for fully automatic snow melt systems requiring isolation. Housing the snow melt pump, mixing valve, and controls, it also contains brazed plate heat exchangers to isolate the snow melt system glycol mixture from the heating system water. On the snow melt side, this panel incorporates an air eliminator, a pressure relief valve, and taps for an expansion tank and make up water.



Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SMP105	SMP 105 MBH Snow Melt Panel with 2 20 Plate Heat Exchangers	1	—	ea.	H	
SMP250	SMP 250 MBH Snow Melt Panel with 3 20 Plate Heat Exchangers	1	—	ea.	H	
SMP335	SMP 335 MBH Snow Melt Panel with 4 20 Plate Heat Exchangers	1	—	ea.	H	
SMP425	SMP 425 MBH Snow Melt Panel with 4 30 Plate Heat Exchangers	1	—	ea.	H	
SMP400D	SMP 400 MBH Snow Melt Panel (no heat exchangers)	1	—	ea.	H	

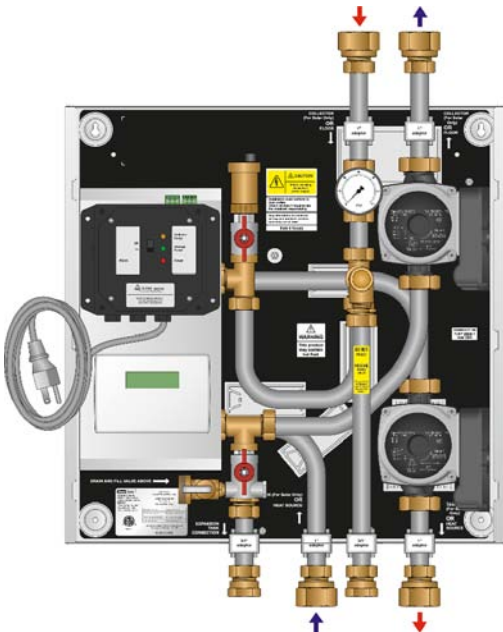
PSP 250-500 MBH Pool/Spa Panels with Marine Plate Heat Exchangers

PSP000 Series

The PSP Pool/Spa Panel's primary application is to provide heat exchanger isolation from the boiler (or other non-DHW appliance heat sources). The PSP panels use marine grade heat exchangers that will withstand aggressive pool water.



Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
PSP250	PSP 250 MBH Pool/Spa Panel with Single Marine Heat Exchanger	1	—	ea.	H	
PSP500	PSP 500 MBH Pool/Spa Panel with Dual Marine Heat Exchanger	1	—	ea.	H	

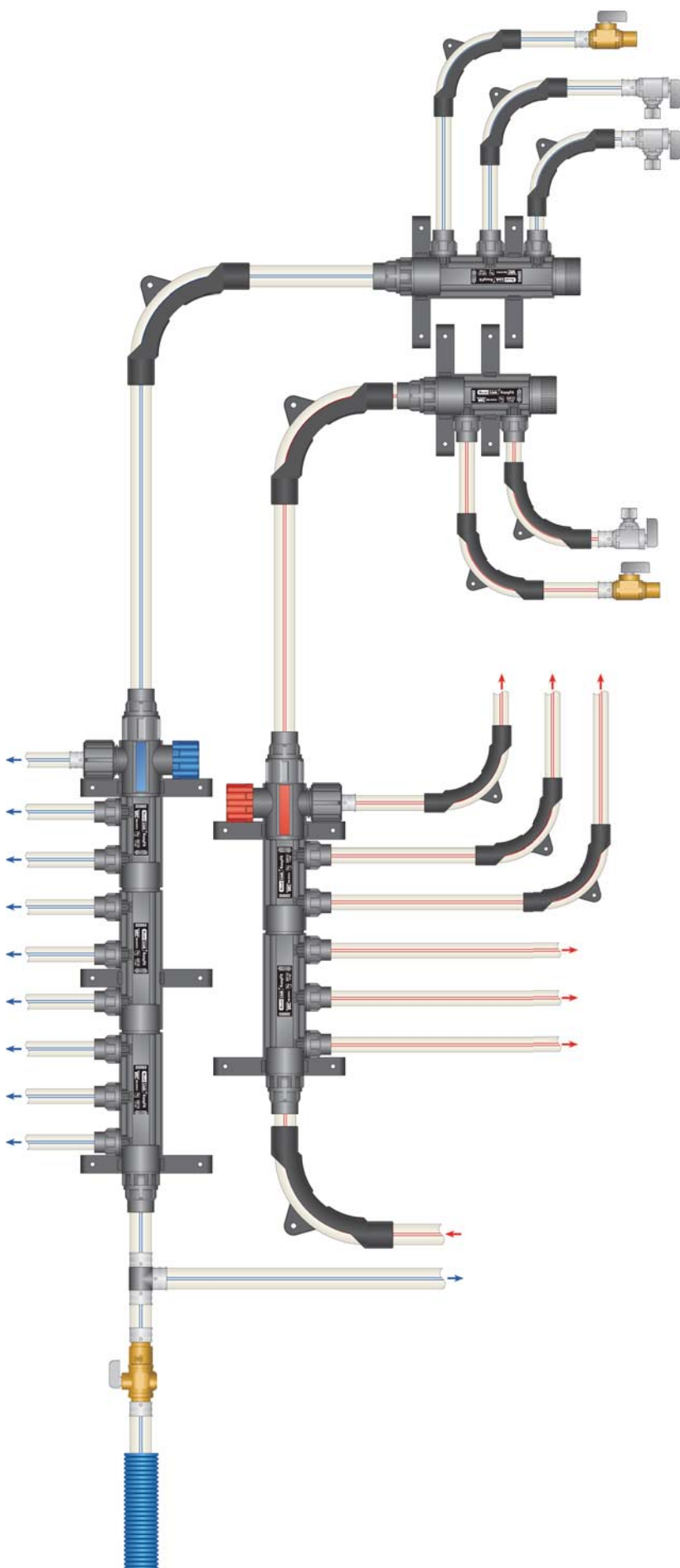


SOL 80 MBH Solar Heat Exchanger Panel

Stk# SOL080

The SOL080 Heat Exchanger Panel creates an interface between the solar collectors and the system tanks. The Panel integrates all of the control components of a solar system into an attractive compact appliance. Features include a heat exchanger to isolate the glycol in the solar collector circuit from the domestic water, and separate pumps for each circuit. The secondary pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping or heat exchanger is not stagnant.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
SOL080	SOL 80 MBH Solar Heat Exchanger Panel	1	—	ea.	H	



System Source

The strength of every good system is found in its source. The HeatLink® Potable Water System features the PureLink® PEX-a Tubing and the EasyFit™ Manifold, and is capped off with the unique Stainless Steel Press Sleeve and a variety of modular components. The result is a strong system delivering an abundant stream of pure water.

Flexible Tubing Meets Stiff Standards

To make one of the most flexible PEX-a tubing on the market, we had to be inflexible with the particulars. The tubing had to meet the standards for purity and durability, and be compatible with our components ... we did it! Factor in the following features, and you've got some awesome tubing.

- **Installer friendly** ... available in long coils (or straight-lengths as risers), the tubing bends when needed, with minimal need for couplings and fittings. No need for solvents or soldering. Lightweight for transport and easy to handle.
- **Building friendly** ... unlike metal tubing, PEX-a tubing does not suffer from: corrosion, electrolysis, filming, mineral build-up, and water velocity wear.
- **Earth friendly** ... energy efficient with reduced heat loss and good thermal memory. Water efficient, as the flexible tubing means 'less tubing', and hence, shorter delivery time for hot water.
- **Cost friendly** ... lower installation costs than metal plumbing systems. This can reduce energy and water use by quick delivery of water to fixtures.
- **People friendly** ... non-toxic, no hot /cold water surges, quiet (no water hammer noise).

HeatLink Group Inc. is a worldwide leading supplier of PEX-a tubing, radiant heating and cooling systems, and control panels for residential and commercial buildings. HeatLink's reputation has been built on more than 25 years of experience, innovation and leadership, integrating a complete system approach to its potable water products and heating manufacturing operation.

Pure Link[™] Plus PEX-a 1/2"

UV STABILIZED
POTABLE WATER

NSF[®] US-PW

Certified to NSF/ANSI-14
PEX 3006

ASTM F876/F877, F2159, F1807, F1960, F2080, F2098, F2323
SDR9 100psi@180°F (690kPa@82°C)



LISTED BTLPC
CAN/ULC-S102.2 FS 14/SD/40

PCC 06/15/10 02
L-23 CANADA

0045 FT

Pure Link[™] Plus PEX-a 1/2"

UV STABILIZED
POTABLE WATER

NSF[®] US-PW

Certified to NSF/ANSI-14
PEX 3006

ASTM F876/F877, F2159, F1807, F1960, F2080, F2098, F2323
SDR9 100psi@180°F (690kPa@82°C)



LISTED BTLPC
CAN/ULC-S102.2 FS 14/SD/40

PCC 06/15/10 02
L-23 CANADA

0045 FT

Pure Link[®] PEX-a Tubing

PEX Benefits

HeatLink[®] uses only crosslinked polyethylene tubing. Known as PEX, crosslinked polyethylene offers distinct advantages over both metal piping materials and other plastic alternatives. Our tubing is virtually maintenance free. It is corrosion resistant, flexible, and remarkably clean.

Long used worldwide, PEX has an outstanding and unblemished track record of quality performance. PEX's crosslinked molecular structure offers toughness and lasting durability. Our crosslinked polyethylene tubing withstands temperatures ranging from below freezing to above the boiling point. Because it is pliable, a section of 1/2" tubing can be bent into a 3" (77 mm) radius at 68°F (20°C) without affecting tubing integrity. The material is highly crush resistant and can be submerged in concrete or earth without any damage.

PureLink[®] Advantages

- Nontoxic - free of harmful lead
- Flexible - bends easily making installations quicker
- Resists corrosive water and scaling
- Fewer fittings
- Quiet - no water hammer noise
- Equalized pressure drops, minimize hot or cold surges
- Can easily be repaired if tubing is kinked
- Durable/long life
- Labor costs are significantly reduced
- Light weight
- Discreet red/blue identification is an advantage where PEX tubing is exposed (e.g. water closet connections)
- Only need to stock two colors, not three
- Chlorine resistant
- Freeze and chemical resistant
- Cold rolled for easier installations
- UV stabilized for up to 12 months exposure to sunlight
- Low friction losses

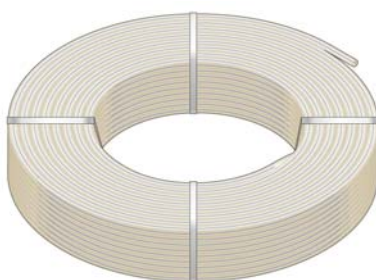
**PureLink® Plus Blue Stripe PEX-a Tubing
20000 Series**

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Blue printing on 2 sides for identification of cold water lines.

Meets or exceeds ASTM F876/F877/F2023, CSA B137.5, cNSFus-pw, NSF/ANSI-61, NSF/ANSI-14, Annex G, ICC, ULC S102.2 (½" to 1"), IAPMO UPC (½"), PPI TR-4. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

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

½" = 3" (77 mm)
¾" = 4-½" (115 mm)
1" = 6" (153 mm)
1-¼" = 7-½" (191 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
20105	½" 100ft PureLink® PLUS Blue UV Stabilized PEX-a PexCube™	6	48	coil	PP	
20305	½" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	32	coil	PP	
20505	½" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	24	coil	PP	
20905	½" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	14	coil	PP	
20122	¾" 100ft PureLink® PLUS Blue UV Stabilized PEX-a PexCube™	3	48	coil	PP	
20322	¾" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	14	coil	PP	
20522	¾" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	9	coil	PP	
20922	¾" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	5	coil	PP	
20128	1" 100ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	21	coil	PP	
20328	1" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	9	coil	PP	
New! 20135	1-¼" 100ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	14	coil	PP	

Stk#	Description	Pkg Qty	Master Bag	Unit	Disc.	List Price / Unit
20205	½" 20x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	20	bundle	PP	
20222	¾" 10x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	20	bundle	PP	
20228	1" 5x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	20	bundle	PP	
New! 20235	1-¼" 5x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	1	—	bundle	PP	

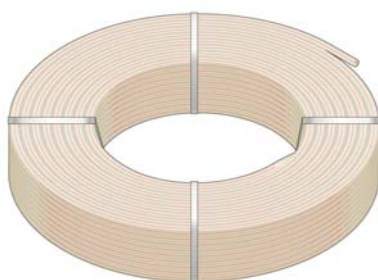
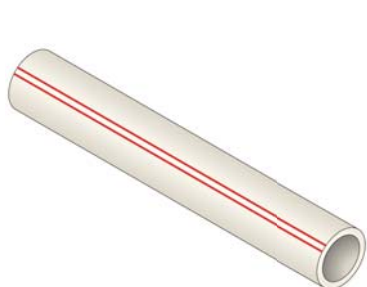
PureLink® Plus Red Stripe PEX-a Tubing 21000 Series

High molecular crosslinked polyethylene (PEX) with minimum bending radius of 6× the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar). Red printing on 2 sides for identification of hot water lines.

Meets or exceeds ASTM F876/F877/F2023, CSA B137.5, cNSFus-pw, NSF/ANSI-61, NSF/ANSI-14, Annex G, ICC, ULC S102.2 (½" to 1"), IAPMO UPC (½"), PPI TR-4. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

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

½" = 3" (77 mm)
¾" = 4-½" (115 mm)
1" = 6" (153 mm)
1-¼" = 7-½" (191 mm)



New!

New!

New!

New!

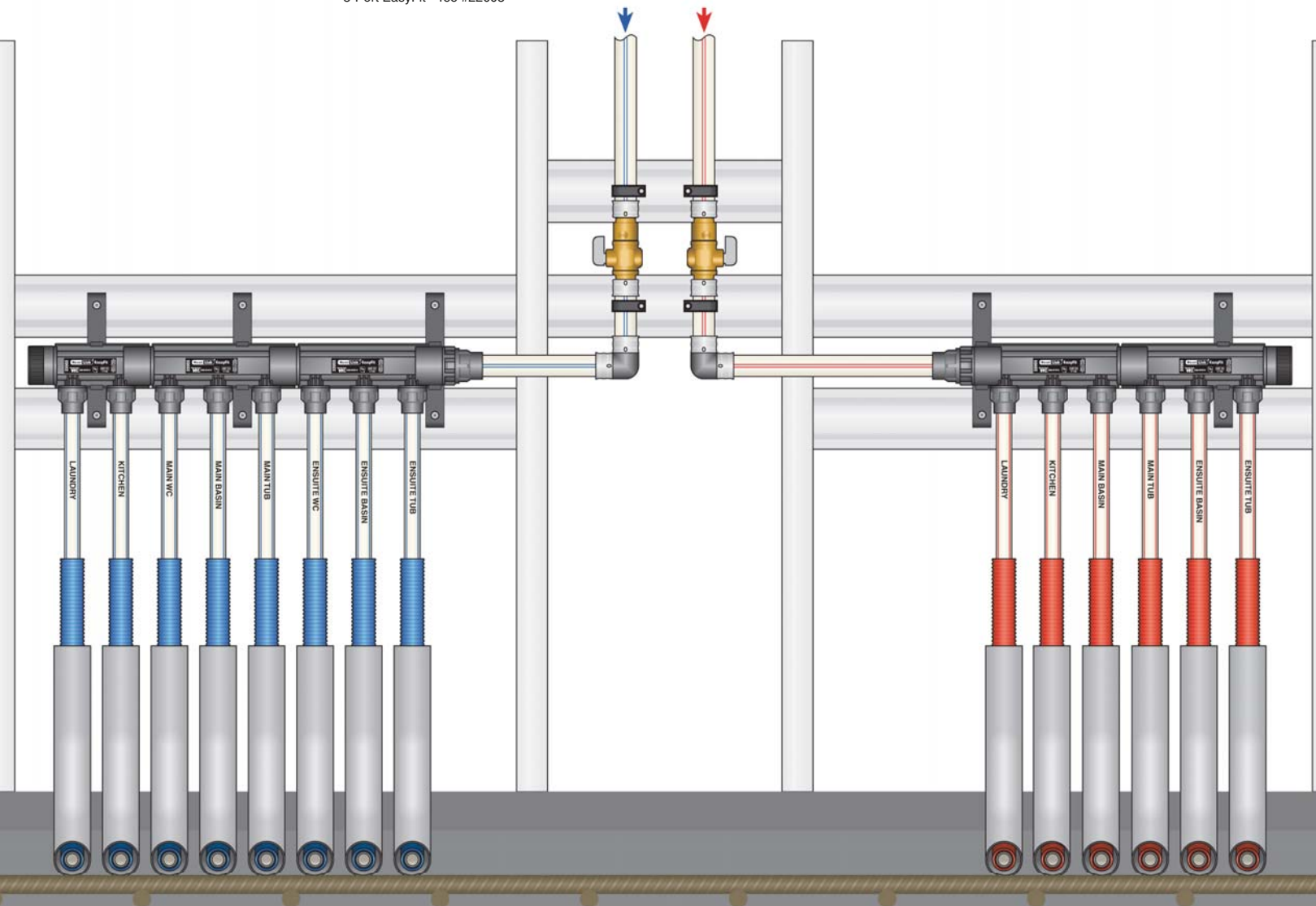
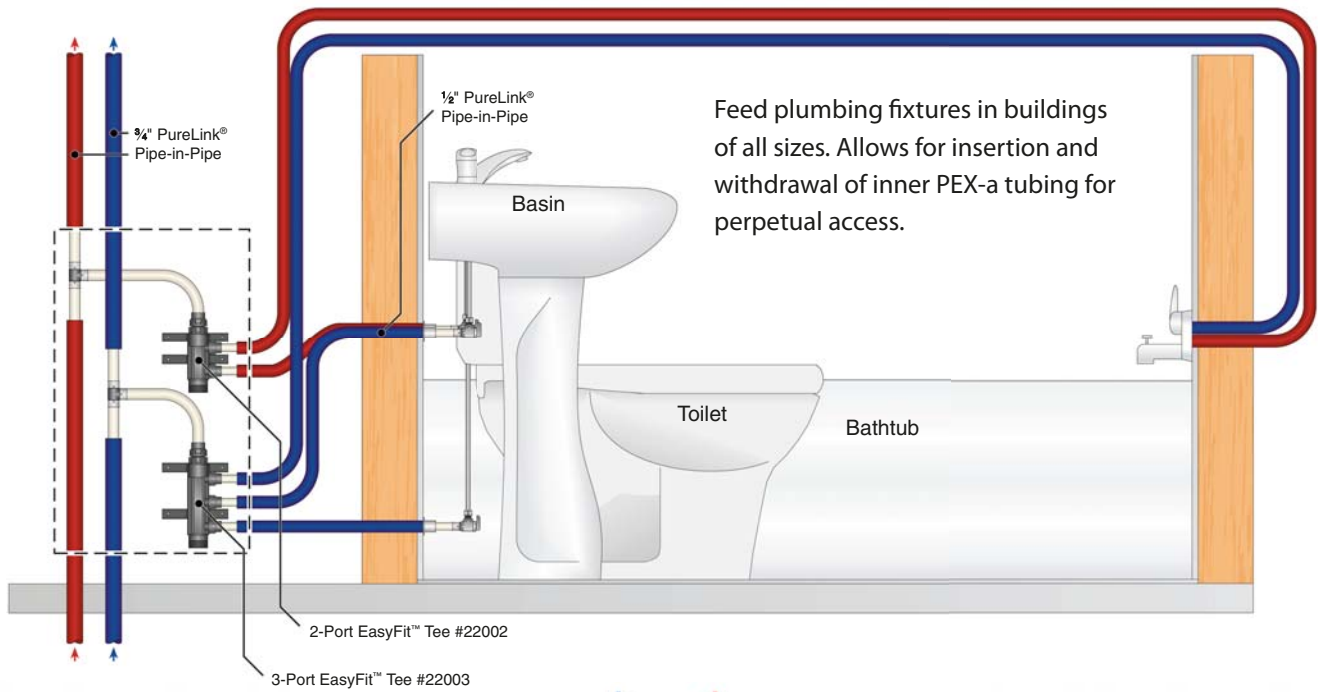
Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
21105	½" 100ft PureLink® PLUS Red UV Stabilized PEX-a PexCube™	6	48	coil	PP	
21305	½" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	32	coil	PP	
21505	½" 500ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	24	coil	PP	
21905	½" 1000ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	14	coil	PP	
21122	¾" 100ft PureLink® PLUS Red UV Stabilized PEX-a PexCube™	3	48	coil	PP	
21322	¾" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	14	coil	PP	
21522	¾" 500ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	9	coil	PP	
21922	¾" 1000ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	5	coil	PP	
21128	1" 100ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	21	coil	PP	
21328	1" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	9	coil	PP	
21135	1-¼" 100ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	14	coil	PP	

New!

Stk#	Description	Pkg Qty	Master Bag	Unit	Disc.	List Price / Unit
21205	½" 20x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	20	bundle	PP	
21222	¾" 10x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	20	bundle	PP	
21228	1" 5x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	20	bundle	PP	
21235	1-¼" 5x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	1	—	bundle	PP	

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 PE 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.

Meets or exceeds ASTM F876/F877/F2023, CSA B137.5, cNSFus-pw, NSF/ANSI-61, NSF/ANSI-14, Annex G, ICC, ULC S102.2 (½" to 1"), IAPMO UPC (½"), PPI TR-4. The PureLink® Plus PEX-a tubing may also be used with fittings that are compliant with ASTM F1807/F1960/F2080/F2098/F2159 standards.

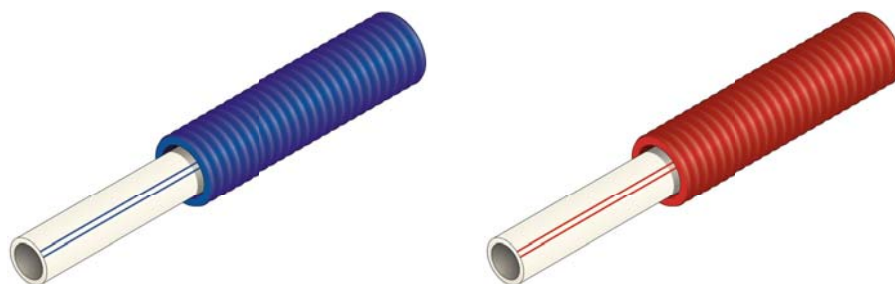
Minimum bending radius @ 68°F (20°C) for:

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

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

Corrugated sheath outside diameter for:

½" = 1" (25 mm)
¾" = 1-⅝" (34 mm)
1" = 1-½" (37 mm)



	Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
Nov. 1st	92105bs	½" 100ft Pipe-in-Pipe Blue Sheath	3	27	coil	PP	
	92105rs	½" 100ft Pipe-in-Pipe Red Sheath	3	27	coil	PP	
Nov. 1st	92305bs	½" 300ft Pipe-in-Pipe Blue Sheath	1	—	coil	PP	
	92305rs	½" 300ft Pipe-in-Pipe Red Sheath	1	—	coil	PP	
Nov. 1st	92122bs	¾" 100ft Pipe-in-Pipe Blue Sheath	2	20	coil	PP	
	92122rs	¾" 100ft Pipe-in-Pipe Red Sheath	2	20	coil	PP	
Nov. 1st	92322bs	¾" 300ft Pipe-in-Pipe Blue Sheath	1	—	coil	PP	
	92322rs	¾" 300ft Pipe-in-Pipe Red Sheath	1	—	coil	PP	
Nov. 1st	92128bs	1" 100ft Pipe-in-Pipe Blue Sheath	1	—	coil	PP	
	92128rs	1" 100ft Pipe-in-Pipe Red Sheath	1	—	coil	PP	

PureLink® Reclaim Water PEX-a Tubing

91000 Series

As regulated by NSF-14 standards, this tubing is purple throughout to warn people that the water is not drinkable. Use reclaim water PEX tubing to transport reclaimed, gray, or rain water for all of your non-potable applications: flushing toilets, water plants, drip irrigation. High molecular crosslinked polyethylene (PEX-a) with minimum bending radius of 6x the diameter at 68°F (20°C). Maximum operating temperature 180°F @ 100 psi (82°C @ 7 bar).

Manufactured to ASTM F-876/F-877 & CSA B137.5 and listed by cNSFus-rw.

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

$\frac{1}{2}$ "	= 3" (77 mm)
$\frac{3}{4}$ "	= 4- $\frac{1}{2}$ " (115 mm)
1"	= 6" (153 mm)



Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
91105	$\frac{1}{2}$ " 100ft Purple PureLink® Reclaim UV-Stabilized PEX-a Tubing	6	48	coil	PP	
91305	$\frac{1}{2}$ " 300ft Purple PureLink® Reclaim UV-Stabilized PEX-a Tubing	1	32	coil	PP	
91322	$\frac{3}{4}$ " 300ft Purple PureLink® Reclaim UV-Stabilized PEX-a Tubing	1	14	coil	PP	
91128	1" 100ft Purple PureLink® Reclaim UV-Stabilized PEX-a Tubing	1	21	coil	PP	

PureLink® Reclaim Pipe-in-Pipe

92000 Sheathed Series

PEX-a carrier tubing specified above. The flexible, impact resistant PE 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. Purple colored sheath matches PEX for identification of non-potable lines.

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

$\frac{1}{2}$ "	= 3" (77 mm)
$\frac{3}{4}$ "	= 4- $\frac{1}{2}$ " (115 mm)
1"	= 6" (153 mm)

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

Corrograted sheath outside diameter for:

$\frac{1}{2}$ "	= 1" (25 mm)
$\frac{3}{4}$ "	= 1- $\frac{5}{16}$ " (34 mm)
1"	= 1- $\frac{1}{2}$ " (37 mm)


Nov.
1st

Nov.
1st

Stk#	Description	Pkg Qty	Skid Qty	Unit	Disc.	List Price / Unit
92105ps	$\frac{1}{2}$ " 100ft Pipe-in-Pipe Purple Sheath	3	27	coil	PP	
92305ps	$\frac{1}{2}$ " 300ft Pipe-in-Pipe Purple Sheath	1	—	coil	PP	
92122ps	$\frac{3}{4}$ " 100ft Pipe-in-Pipe Purple Sheath	2	20	coil	PP	
92322ps	$\frac{3}{4}$ " 300ft Pipe-in-Pipe Purple Sheath	1	—	coil	PP	
92128ps	1" 100ft Pipe-in-Pipe Purple Sheath	1	—	coil	PP	

Heat Link[®]

EasyFit[™] Manifold

It's as EasyFit[™] as A B C

Advanced Manifold Tee

- Ultimate in speed of installation
- HeatLink[®] technology
- Molded fitting connections
- Modular design
- EasyFit[™] tool-less connection system

1/2" PEX-a to fixtures

1/2" PEX-a to fixtures

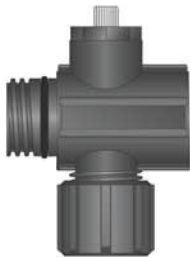
Better by Design

- Simple
- Fast
- Flexible
- Cost effective

Choice of Piping Method

- Modified home run
- Home run
- Minimal tools required

1/2" PEX-a to outside spigots

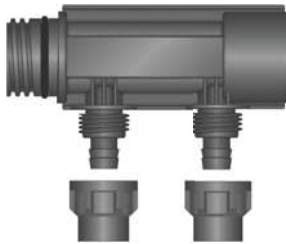


Compression Stop Tee
Stk# 22001

The potable water module complete with shut-off. Order shut-off cap (#22180 & #22181) and PEX insert style, tubing to manifold connectors (#23000 series) separately.

There are 4 shrink-wrapped packages of 5 modules per box.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22001	Compression Stop Tee	1	20	ea.	P	



EasyFit™ 2-Port Tee
Stk# 22002

A 2-port tee with 1/2" EasyFit™ connections. Includes 2 nuts.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22002	EasyFit™ 2-Port Tee	1	50	ea.	P	



EasyFit™ 3-Port Tee
Stk# 22003

A 3-port tee with 1/2" EasyFit™ connections. Includes 3 nuts.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22003	EasyFit™ 3-Port Tee	1	50	ea.	P	



Mounting Bracket
Stk# 22121

Plastic mounting brackets which allow easy *snap-on* mounting of manifolds.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22121	Single Mounting Bracket	1	10	ea.	P	



Red & Blue Shut-off Caps

Stk# 22180, 22181

Red (#22180) and blue (#22181) colored caps for use with Potable Module Tee with Compression Stop (#22001). No tools required.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22180	Red Shut-off Cap	1	250	ea.	P	
22181	Blue Shut-off Cap	1	250	ea.	P	



1/2" EasyFit™ Supply End Connection

Stk# 22193

O-ring sealing end piece with 1/2" EasyFit™ connection. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22193	1/2" EasyFit™ Supply End Connection	1	—	ea.	P	



3/4" FPT Supply End Connection

Stk# 22191

O-ring sealing end piece with 3/4" FPT brass insert. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22191	TwistSeal® Mini (40 mm) 3/4" FPT Supply End Connection (c/w o-ring)	1	—	ea.	P	



3/4" EasyFit™ Supply End Connection

Stk# 22194

O-ring sealing end piece with 3/4" EasyFit™ connection. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22194	3/4" EasyFit™ Supply End Connection	1	—	ea.	P	



1" MPT Supply End Connection with Closed End Cap

Stk# 22196

O-ring sealing end piece with 1" MPT brass insert. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22196	TwistSeal® Mini (40 mm) 1" MPT Supply End Connection	1	—	ea.	P	



Closed End Cap

Stk# 22199

O-ring sealing end piece.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22199	EasyFit™ Manifold Closed End Cap	1	—	ea.	P	



3/4" EasyFit™ Run End Connection

Stk# 22195

O-ring sealing end piece with 3/4" EasyFit™ connection. Comes with o-ring.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22195	3/4" EasyFit™ Run End Connection	1	—	ea.	P	

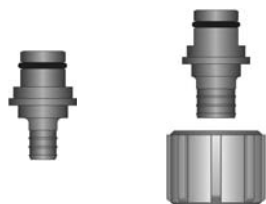


EasyFit™ 1/2" Outlet Cap with o-ring

Stk# 23055

Plastic cap with o-ring to seal unused outlet of #22002 & #22003.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23055	EasyFit™ 1/2" Outlet Cap with o-ring	10	—	ea.	P	



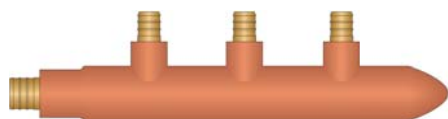
Tubing to Manifold Connectors

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. SS press sleeves sold separately.

For use with Compression Stop Tee #22001.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23015	1/2" PEX Insert Manifold Connector	5	—	ea.	P	
23032	3/4" PEX Insert Manifold Connector with nut	5	—	ea.	P	



Closed End Copper Manifold 22500 Series

1" pipe run with 3 to 10, 1/2" PEX insert branches (2" O.C.). Closed one end and 3/4" brass PEX insert on the other end. SS press sleeves sold separately.

- CSA listed ASTM B88 Type L copper trunk
- High temperature brazed joints
- CSA listed ASTM F877 brass PEX insert branches
- Individually pressure tested

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22503	3x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22504	4x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22505	5x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22506	6x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22507	7x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22508	8x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22509	9x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	
22510	10x 1/2" PEX Branch, 3/4" PEX x Spin Closed Trunk Copper Manifold	1	10	ea.	P	



Flow Through Copper Manifold 22600 Series

1" pipe run with 3 to 6, 1/2" PEX insert branches (2" O.C.). 3/4" brass PEX insert on both ends. SS press sleeves sold separately.

- CSA listed ASTM B88 Type L copper trunk
- High temperature brazed joints
- CSA listed ASTM F877 brass PEX insert branches
- Individually pressure tested

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
22603	3x 1/2" PEX Branch, 3/4" PEX x 3/4" PEX Trunk Copper Manifold	1	10	ea.	P	
22604	4x 1/2" PEX Branch, 3/4" PEX x 3/4" PEX Trunk Copper Manifold	1	10	ea.	P	
22605	5x 1/2" PEX Branch, 3/4" PEX x 3/4" PEX Trunk Copper Manifold	1	10	ea.	P	
22606	6x 1/2" PEX Branch, 3/4" PEX x 3/4" PEX Trunk Copper Manifold	1	10	ea.	P	

Heat Link[®] Stainless Steel Press Sleeve

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 W depression ring on the sleeve's surface.

No crimp gauge is required with a Press Sleeve, thus eliminating a step in the whole installation procedure.

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

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

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



non-pressed



pressed

Press Tool

Designed to create a watertight seal, the Press Sleeve Tool has a toggle action handle and is available in four sizes. Easy to load and simple to press, the pressed stainless steel sleeve provides a finished appearance on the transition from the end of the pipe to the insert fitting.

HeatLink Press Tool Trade-UP

Concerned about the expanding size of your toolbox? Hand in your current crimp, SS clamp, or expansion tools, and trade-UP to the HeatLink Press Tool. See your rep for details.



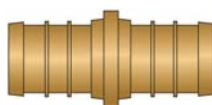
(tool not to scale)



Stainless Steel Press Sleeves 24200 Series

Press sleeve with view hole.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
24205	½" Stainless Steel Press Sleeve	100	1000	ea.	P	
24222	¾" Stainless Steel Press Sleeve	50	500	ea.	P	
24228	1" Stainless Steel Press Sleeve	50	250	ea.	P	
24235	1-¼" Stainless Steel Press Sleeve	10	150	ea.	P	



PEX Insert Couplings - *Brass* 29000 & 29200 Series

Solid brass PEX insert × PEX insert couplings. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
29005	½" × ½" PEX Brass Coupling	25	500	ea.	P	
29022	¾" × ¾" PEX Brass Coupling	25	250	ea.	P	
29225	¾" × ½" PEX Brass Coupling	25	500	ea.	P	
29028	1" × 1" PEX Brass Coupling	10	250	ea.	P	
New! 29282	1" × ¾" PEX Brass Coupling	10	250	ea.	P	



PEX Insert Couplings - *No Lead Brass* 29000NL & 29200NL Series

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

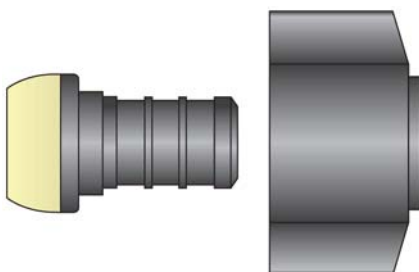
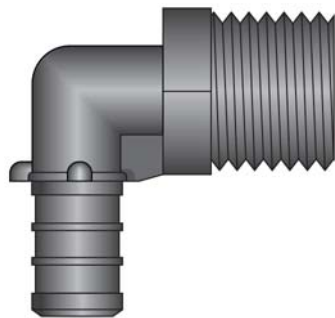
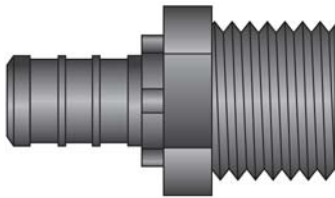
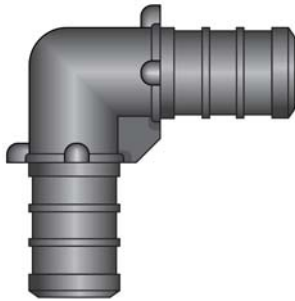
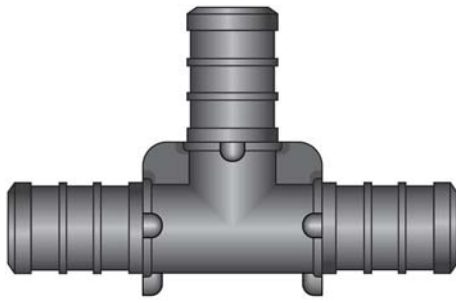
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New! 29035NL	1-¼" × 1-¼" PEX No Lead Brass Coupling	5	180	ea.	P	
New! 29238NL	1-¼" × 1" PEX No Lead Brass Coupling	5	200	ea.	P	



PEX Insert Couplings - *HPP* 19000 Series

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
19005	½" × ½" PEX HPP Coupling	25	1000	ea.	P	
19022	¾" × ¾" PEX HPP Coupling	25	500	ea.	P	
19225	¾" × ½" PEX HPP Coupling	25	600	ea.	P	
19028	1" × 1" PEX HPP Coupling	10	200	ea.	P	
19282	1" × ¾" PEX HPP Coupling	5	300	ea.	P	



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.

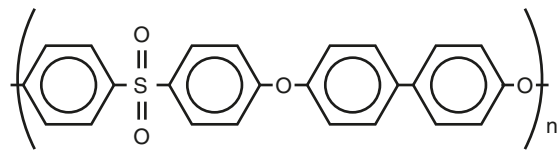
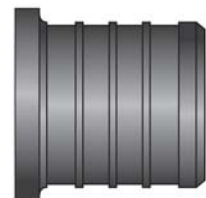
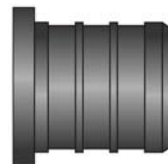
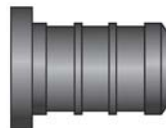
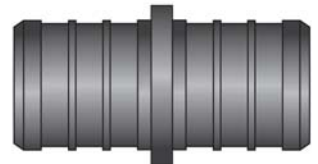
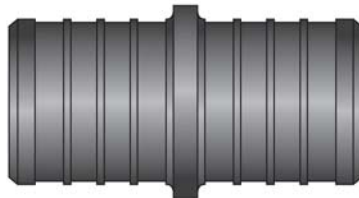


Figure #1 – General Chemical Structure of PPSU

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

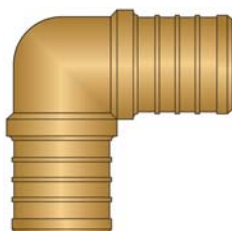
- Outstanding resistance to hot chlorinated water
- Superior long-term hydrostatic strength
- Excellent thermal stability
- High resistance to mineral acids, alkali, and salt solutions
- Higher resistance to polar solvents and stress cracking than traditional polysulfone
- Robust toughness and impact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




PEX Insert Elbows - Brass
28000 & 28200 Series

Solid brass PEX insert × PEX insert elbows. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28005	½" × ½" PEX Brass Elbow	25	250	ea.	P	
28022	¾" × ¾" PEX Brass Elbow	25	250	ea.	P	
28225	¾" × ½" PEX Brass Elbow	10	250	ea.	P	
28028	1" × 1" PEX Brass Elbow	10	100	ea.	P	

**No
Lead**

PEX Insert Elbows - No Lead Brass
28000NL & 28200NL Series

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

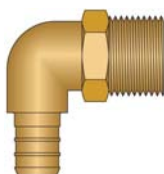
New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28035NL	1-¼" × 1-¼" PEX No Lead Brass Elbow	5	120	ea.	P	


PEX Insert Elbows - HPP
18000 Series

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
18005	½" × ½" PEX HPP Elbow	25	600	ea.	P	
18022	¾" × ¾" PEX HPP Elbow	25	300	ea.	P	
18225	¾" × ½" PEX HPP Elbow	10	400	ea.	P	
18028	1" × 1" PEX HPP Elbow	10	150	ea.	P	



PEX Insert x MPT Elbows - *Brass* 28500 Series

Solid brass PEX insert elbows. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28551	1/2" PEX x 3/8" MPT Brass Dishwasher Elbow	25	—	ea.	P	



PEX Insert x MPT Elbows - *No Lead Brass* 28500 Series

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28583NL	1" PEX x 1-1/4" MPT No Lead Brass Elbow	5	60	ea.	P	
28535NL	1-1/4" PEX x 1-1/4" MPT No Lead Brass Elbow	5	50	ea.	P	

New!

New!



PEX Insert x MPT Elbows - *HPP* 18000 Series

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
18551	1/2" PEX x 3/8" MPT HPP Dishwasher Elbow	25	400	ea.	P	
18505	1/2" PEX x 1/2" MPT HPP Elbow	25	375	ea.	P	



Drop Ear Elbows - *Brass* 28300 Series

Solid brass PEX insert × FPT drop ear elbow. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	28312	½" PEX × ⅜" FPT Drop Ear Brass Elbow	10	50	ea.	P	
	28305	½" PEX × ½" FPT Drop Ear Brass Elbow	10	50	ea.	P	

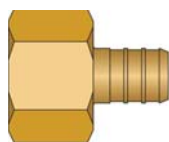
**No
Lead**



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

Solid no lead brass (C69300-ecobrass) ½" PEX insert × ½" FPT drop ear elbow. SS press sleeves sold separately.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	28312NL	½" PEX × ⅜" FPT Drop Ear No Lead Brass Elbow	10	180	ea.	P	
New!	28305NL	½" PEX × ½" FPT Drop Ear No Lead Brass Elbow	10	160	ea.	P	



PEX Insert × FPT Adapters - *Brass* 27600 Series

Solid brass PEX insert × FPT adapters. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
	27605	½" PEX × ½" FPT Brass Adapter	25	250	ea.	P	
	27622	¾" PEX × ¾" FPT Brass Adapter	25	250	ea.	P	
New!	27628	1" PEX × 1" FPT Brass Adapter	25	250	ea.	P	

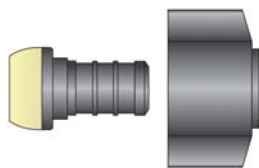
**No
Lead**



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

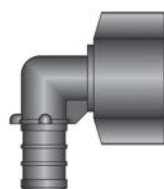
Solid no lead brass (C69300-ecobrass) PEX insert × FPT adapters. SS press sleeves sold separately.

	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	27605NL	½" PEX × ½" FPT No Lead Brass Adapter	25	400	ea.	P	
New!	27622NL	¾" PEX × ¾" FPT No Lead Brass Adapter	25	300	ea.	P	
New!	27628NL	1" PEX × 1" FPT No Lead Brass Adapter	25	150	ea.	P	
New!	27635NL	1-¼" PEX × 1-¼" FPT No Lead Brass Adapter	5	80	ea.	P	


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

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
17755	1/2" PEX x 1/2" FPT Swivel HPP Adapter	25	—	ea.	P	
17705	1/2" PEX x Ballcock/Closet FPT Swivel HPP Adapter	25	400	ea.	P	
17722	3/4" PEX x 3/4" FPT Swivel HPP Adapter	25	200	ea.	P	


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

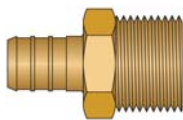
High Performance Polymer PEX insert x FPT swivel elbow adapters. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
18605	1/2" PEX x 1/2" FPT Swivel HPP Elbow	25	300	ea.	P	


**1/2" PEX x 3/8" O.D. Comp. Straight Lav. Tube Adapter - Brass
Stk# 25751**

Solid brass adapter for connecting faucets. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
25751	1/2" PEX x 3/8" O.D. Brass Adapter	5	100	ea.	P	

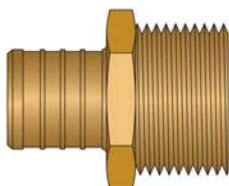


PEX Insert x MPT Adapters - *Brass* 27500 Series

Solid brass PEX insert x MPT adapters. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
27505	1/2" PEX x 1/2" MPT Brass Adapter	25	250	ea.	P	
27552	1/2" PEX x 3/4" MPT Brass Adapter	10	250	ea.	P	
27522	3/4" PEX x 3/4" MPT Brass Adapter	25	250	ea.	P	
27528	1" PEX x 1" MPT Brass Adapter	10	250	ea.	P	
27582	1" PEX x 3/4" MPT Brass Adapter	5	250	ea.	P	

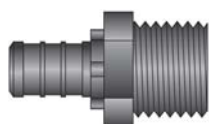
**No
Lead**



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

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

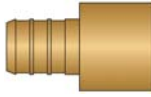
	Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	27528NL	1" PEX x 1" MPT No Lead Brass Adapter	10	150	ea.	P	
New!	27582NL	1" PEX x 3/4" MPT No Lead Brass Adapter	5	200	ea.	P	
New!	27535NL	1-1/4" PEX x 1-1/4" MPT No Lead Brass Adapter	5	100	ea.	P	
New!	27538NL	1-1/4" PEX x 1" MPT No Lead Brass Adapter	5	100	ea.	P	



PEX Insert x MPT Adapters - *HPP* 17500 Series

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
17505	1/2" PEX x 1/2" MPT HPP Adapter	25	500	ea.	P	
17552	1/2" PEX x 3/4" MPT HPP Adapter	25	350	ea.	P	
17522	3/4" PEX x 3/4" MPT HPP Adapter	25	300	ea.	P	
17525	3/4" PEX x 1/2" MPT HPP Adapter	25	400	ea.	P	



PEX Insert × Sweat Adapters - Brass
27100 & 27200 Series

Solid brass PEX insert × sweat adapters. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
27105	½" PEX × ½" M/Sweat Brass Adapter	25	500	ea.	P	
27205	½" PEX × ½" F/Sweat Brass Adapter	25	500	ea.	P	
27122	¾" PEX × ¾" M/Sweat Brass Adapter	25	500	ea.	P	
27222	¾" PEX × ¾" F/Sweat Brass Adapter	25	250	ea.	P	
27328	¾" PEX × 1" F/Sweat Brass Adapter	10	100	ea.	P	
27128	1" PEX × 1" M/Sweat Brass Adapter (¾" F/Sweat)	10	100	ea.	P	
27228	1" PEX × 1" F/Sweat Brass Adapter	10	100	ea.	P	

No Lead



PEX Insert × Sweat Adapters - No Lead Brass
27100NL & 27200NL Series

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

New!

New!

New!

New!

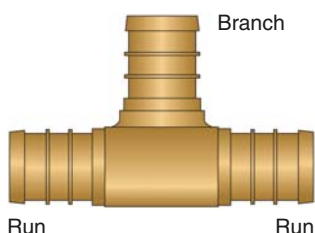
New!

New!

New!

New!

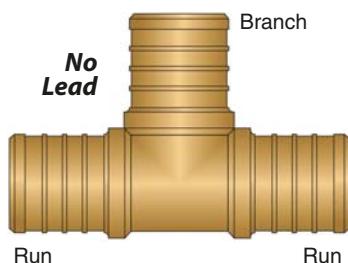
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
27105NL	½" PEX × ½" M/Sweat No Lead Brass Adapter	25	700	ea.	P	
27205NL	½" PEX × ½" F/Sweat No Lead Brass Adapter	25	700	ea.	P	
27122NL	¾" PEX × ¾" M/Sweat No Lead Brass Adapter	25	400	ea.	P	
27222NL	¾" PEX × ¾" F/Sweat No Lead Brass Adapter	25	400	ea.	P	
27128NL	1" PEX × 1" M/Sweat No Lead Brass Adapter (¾" F/Sweat)	10	200	ea.	P	
27228NL	1" PEX × 1" F/Sweat No Lead Brass Adapter	10	200	ea.	P	
27135NL	1-¼" PEX × 1-¼" M/Sweat No Lead Brass Adapter	5	120	ea.	P	
27235NL	1-¼" PEX × 1-¼" F/Sweat No Lead Brass Adapter	5	120	ea.	P	



PEX Insert Tees - *Brass* 26000 Series

Solid brass PEX insert tees. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

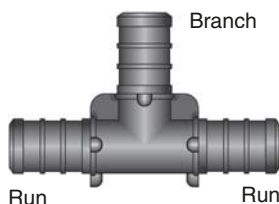
Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
26555	½" × ½" × ½" PEX Brass Tee	25	250	ea.	P	
26552	½" × ½" × ¾" PEX Brass Tee	10	250	ea.	P	
26222	¾" × ¾" × ¾" PEX Brass Tee	25	250	ea.	P	
26225	¾" × ¾" × 1½" PEX Brass Tee	25	250	ea.	P	
26252	¾" × ½" × ¾" PEX Brass Tee	25	250	ea.	P	
26255	¾" × ½" × 1½" PEX Brass Tee	25	250	ea.	P	
26888	1" × 1" × 1" PEX Brass Tee	10	100	ea.	P	
26882	1" × 1" × ¾" PEX Brass Tee	5	100	ea.	P	
26822	1" × ¾" × ¾" PEX Brass Tee	5	100	ea.	P	
26885	1" × 1" × ½" PEX Brass Tee	10	100	ea.	P	



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

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

	Stk#	Description (run × run × branch)	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New!	26333NL	1-¼" × 1-¼" × 1-¼" PEX No Lead Brass Tee	5	80	ea.	P	
New!	26338NL	1-¼" × 1-¼" × 1" PEX No Lead Brass Tee	5	80	ea.	P	
New!	26332NL	1-¼" × 1-¼" × ¾" PEX No Lead Brass Tee	5	80	ea.	P	
New!	26388NL	1-¼" × 1" × 1" PEX No Lead Brass Tee	5	100	ea.	P	
New!	26322NL	1-¼" × ¾" × ¾" PEX No Lead Brass Tee	5	100	ea.	P	



PEX Insert Tees - *HPP* 16000 Series

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

Stk#	Description (run x run x branch)	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
16555	1/2" x 1/2" x 1/2" PEX HPP Tee	25	400	ea.	P	
16552	1/2" x 1/2" x 3/4" PEX HPP Tee	25	300	ea.	P	
16222	3/4" x 3/4" x 3/4" PEX HPP Tee	25	200	ea.	P	
16225	3/4" x 3/4" x 1/2" PEX HPP Tee	25	250	ea.	P	
16252	3/4" x 1/2" x 3/4" PEX HPP Tee	25	250	ea.	P	
16255	3/4" x 1/2" x 1/2" PEX HPP Tee	25	300	ea.	P	
16888	1" x 1" x 1" PEX HPP Tee	10	100	ea.	P	
16882	1" x 1" x 3/4" PEX HPP Tee	5	100	ea.	P	
16885	1" x 1" x 1/2" PEX HPP Tee	10	150	ea.	P	
New! 16228	3/4" x 3/4" x 1" PEX HPP Tee	5	150	ea.	P	
16822	1" x 3/4" x 3/4" PEX HPP Tee	5	150	ea.	P	
New! 16828	1" x 3/4" x 1" PEX HPP Tee	5	100	ea.	P	



PEX Insert Plugs - *Brass* 25000 Series

Solid brass PEX insert plug. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
25005	1/2" PEX Brass Plug	25	1000	ea.	P	
25022	3/4" PEX Brass Plug	25	500	ea.	P	
25028	1" PEX Brass Plug	5	500	ea.	P	



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

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

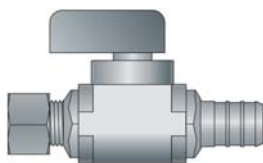
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
New! 25035NL	1-1/4" PEX No Lead Brass Plug	5	260	ea.	P	



PEX Insert Plugs - *HPP* 15000 Series

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

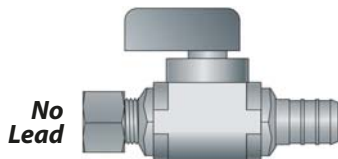
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
15005	1/2" PEX HPP Plug	25	2000	ea.	P	
15022	3/4" PEX HPP Plug	25	1000	ea.	P	
15028	1" PEX HPP Plug	5	500	ea.	P	



Chrome Plated Straight Ball Valve - *Brass* Stk #23505

½" PEX barb × ⅜" O.D. compression, plated straight ball valve. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

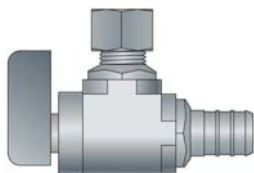
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23505	½" PEX × ⅜" O.D. Plated Straight Ball Valve	24	144	ea.	P	



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

No lead brass (C69300-ecobross) ½" PEX barb × ⅜" O.D. compression, plated straight ball valve. SS press sleeves sold separately.

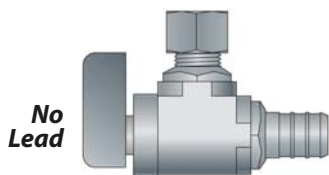
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23505NL	½" PEX × ⅜" O.D. No Lead Brass Plated Straight Ball Valve	24	144	ea.	P	



Chrome Plated Angle Ball Valve - *Brass* Stk# 23605

½" PEX barb × ⅜" O.D. compression, plated angle ball valve. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

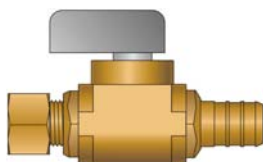
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23605	½" PEX × ⅜" O.D. Plated Angle Ball Valve	24	144	ea.	P	



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

No lead brass (C69300-ecobross) ½" PEX barb × ⅜" O.D. compression, plated angle ball valve. SS press sleeves sold separately.

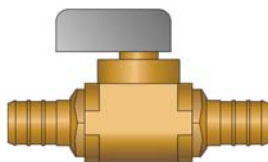
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23605NL	½" PEX × ⅜" O.D. No Lead Brass Plated Angle Ball Valve	24	144	ea.	P	



Straight Ball Valve - *Brass* Stk# 23905

½" PEX barb × ¼" O.D. compression, straight ball valve. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

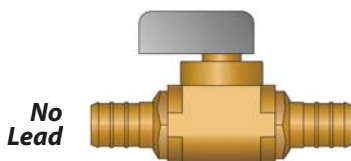
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23905	½" PEX × ¼" O.D. Straight Ball Valve	24	144	ea.	P	



PEX Barb Straight Ball Valves - Brass
23700 Series

Brass valve. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23705	½" PEX Straight Ball Valve	24	144	ea.	P	
23722	¾" PEX Straight Ball Valve	24	144	ea.	P	



PEX Barb Straight Ball Valves - No Lead Brass
23700NL Series

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

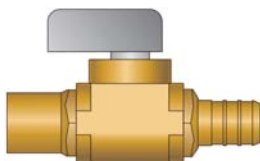
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23705NL	½" PEX Straight No Lead Brass Ball Valve	24	144	ea.	P	
23722NL	¾" PEX Straight No Lead Brass Ball Valve	24	144	ea.	P	



Stop and Waste Valves - Brass
23770 Series

Brass stop and waste valve. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23775	½" PEX Stop and Waste Valve	24	144	ea.	P	
23772	¾" PEX Stop and Waste Valve	24	72	ea.	P	



½" PEX Barb x ½" M/Sweat Straight Ball Valve - Brass
Stk# 23405

Brass straight ball valve for ½" pipe. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23405	½" PEX x ½" M/sweat straight Ball Valve	24	144	ea.	P	



¾" PEX Barb x ¾" MPT Straight Ball Valve - Brass
Stk# 23422

Brass straight ball valve for ¾" pipe. The HeatLink brass fittings comply with the NSF International dezincification resistant (DZR) requirements. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
23422	¾" PEX x ¾" MPT Straight Ball Valve	24	144	ea.	P	



3/4" PEX Insert x 3/4" FPT Swivel, Flexible 18" Water Heater Connection Stk# 27822

Flexible 18" copper water heater connection with 3/4" PEX insert and 3/4" FPT swivel. SS press sleeves sold separately.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
27822	3/4" PEX Insert x 3/4" FPT Swivel, Flexible 18" Water Heater Connection	1	25	ea.	P	



1/2" PEX Insert x Closed, 3" x 8" Stubout Elbow with Edge Bracket Stk# 28205

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

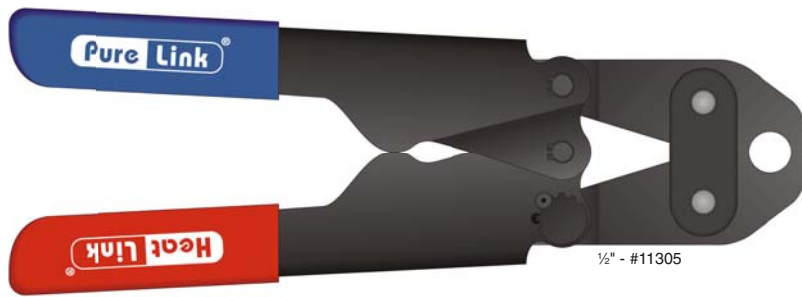
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28205	1/2" PEX Stubout Elbow with Edge Bracket	25	50	ea.	P	



1/2" PEX Insert x Male Sweat, 3" x 4" Stubout Elbow Stk# 28234

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

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
28234	1/2" PEX x M/Sweat, 3" x 4" Tub Elbow	25	—	ea.	P	



1/2" - #11305



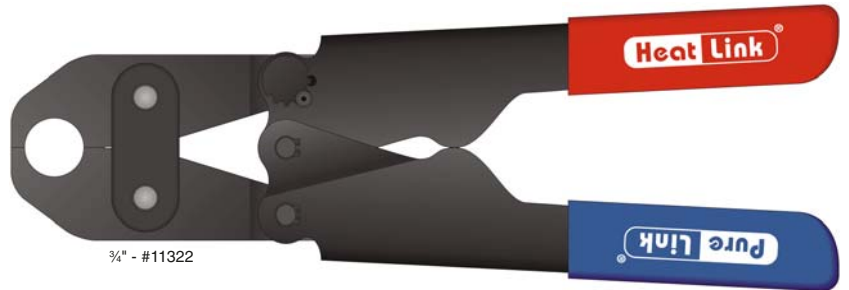
Accessories, Tools, and Parts



3/4" - #11422



1/2" - #11405



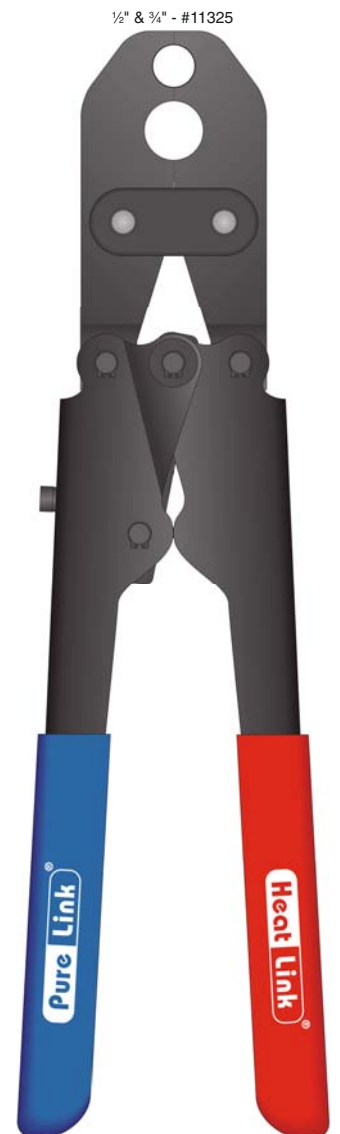
3/4" - #11322



1-1/4" - #11335



1" - #11328



1/2" & 3/4" - #11325



J-Clips 12000 Series

Fasten tubing to joists.

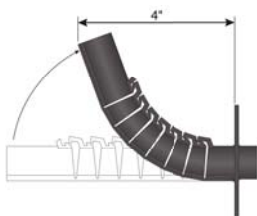
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
12005	½" J-Clip	100	2000	ea.	H	
12022	¾" J-Clip	100	1000	ea.	H	
12028	1" J-Clip	50	500	ea.	H	



Plastic Bend Support 86100 Series

Allows for easy bending support and removal.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86105	Plastic Bend Support for ⅝" and ½" tubing	50	400	ea.	H	
86122	Plastic Bend Support for ¾" tubing	10	400	ea.	H	

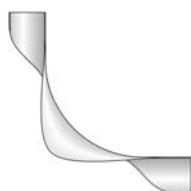


Adjustable Angle Plastic Drop Ear Bend Support Stk# 86305

Allows for PEX tubing to stub out from a wall or floor. Support can be adjusted in 10° steps from straight to 110° bend.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86305	Adjustable Angle Plastic Drop Ear Bend Support for ½" Tubing	50	—	ea.	H	



Metal Bend Support 86200 Series

Allows for easy bending support and removal.

New!

New!

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86205	Metal Bend Support for ½" Tubing	50	200	ea.	H	
86219	Metal Bend Support for ⅝" Tubing	50	200	ea.	H	
86222	Metal Bend Support for ¾" tubing	25	100	ea.	H	

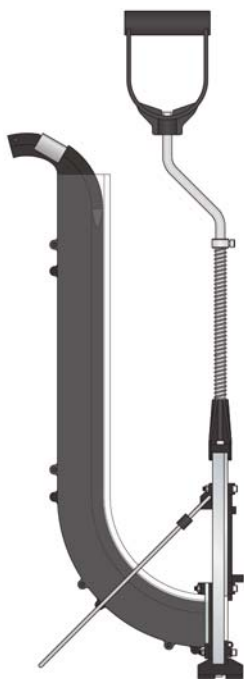


Metal Drop Ear Bend Support Stk# 86255

Allows for easy bending support and removal of a PEX tubing stub out from a wall or floor.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
86255	Metal Drop Ear Bend Support for ½" Tubing	25	100	ea.	H	

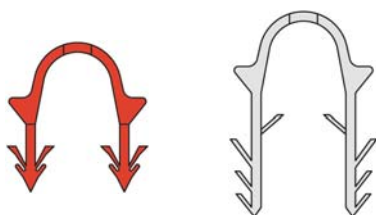


HeatLink® Deluxe Staple Gun Stk# 10230

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.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
10230	HeatLink® Deluxe Staple Gun	1	—	ea.	H	



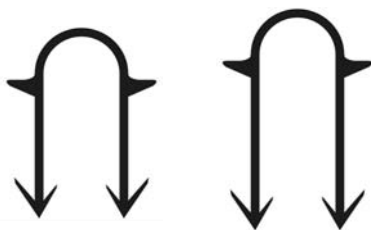
Staples for Deluxe Staple Gun 89250 Series

Staples for fastening up to 5/8" (or 20mm O.D.) PEX tubing to polystyrene insulation. For use with HeatLink® Deluxe Staple Gun #10230.

New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89251	300 1-1/2" Staples for HeatLink Deluxe Staple Gun	1	20	box	H	
89252	300 2" Staples for HeatLink Deluxe Staple Gun	1	—	box	H	

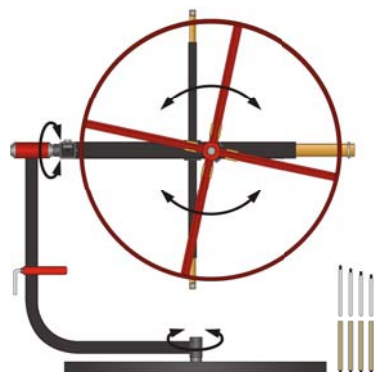
New!



Staples for Stand-up Stapler 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).

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
89243	250 x 2" (50 mm) HeatLink Staples for Stand-up Stapler	1	16	box	H	
89244	300 x 2-3/8" (60 mm) Staples for Stand-up Stapler	1	12	box	H	



HeatLink® PEX Tubing Dispenser Stk# 10000

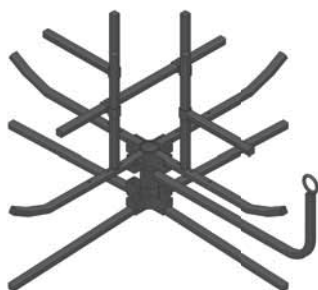
Uncoils in all directions to allow quick installation of PEX tubing. Rotates on third axis to remove *coil memory* tension, making installation easier.

Shipped complete with pin set #10091 (6"). Optional pin set #10092 (8") for larger coils is also included in the box.

Note: Tubing dispensers shipped between Sept. 2001 and Sept. 2005 were equipped with the #10091 (6") pin set only.

Tubing dispensers shipped prior to Sept. 2001 were equipped with the #10092 (8") pin set.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
10000	PEX Tubing Dispenser	1	—	ea.	H	



HeatLink® Basic PEX Tubing Dispenser Stk# 10003

Uncoils 360° from the free swinging arm to avoid kinks and enable easy installation of coiled PEX tubing. Quick deployment made possible by a slide & clamp design. Comes with carrying/storage bag.

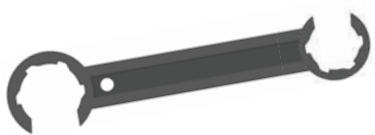
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
10003	Basic PEX Tubing Dispenser	1	—	ea.	H	



PEX Tubing Cutters Stk# 10100

Quick precision cutting on PEX tubing or non-metallic tubing.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
10100	HeatLink® PEX Tubing Cutters	1	50	ea.	H	



EasyFit™ Nut Wrench Stk# 11252

Wrench for use with EasyFit™ ½" and ¾" nuts.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
11252	EasyFit™ Nut Wrench	1	—	ea.	H	



Multi-purpose Wrench Stk# 79922

Wrench for use with #22001 manifold module nut and valve base.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79922	Multiwrench for Manifold Nut and Base	1	—	ea.	H	



Assembly Tool for TwistSeal® Mini Multiport Valves Stk# 78314

Tool used to remove and install TwistSeal® Mini Multiport valve cartridges. For use with 78302/3 and 78322/3 modules.

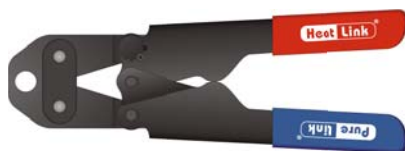
Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
78314	Assembly Tool for TwistSeal® Mini Multiport Valves	1	—	ea.	H	



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.

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
79952	10g Bottle Non-Toxic Silicone O-Ring Lubricant	1	—	ea.	H	
79951	100g Bottle Non-Toxic Silicone O-Ring Lubricant	1	—	ea.	H	



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 pipe to the insert fitting.

Aug.
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Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
11305	½" Press Tool for Stainless Steel Sleeve	1	—	ea.	H	
11322	¾" Press Tool for Stainless Steel Sleeve	1	—	ea.	H	
11325	½" & ¾" Combo Press Tool for Stainless Steel Sleeve	1	—	ea.	H	
11328	1" Press Tool for Stainless Steel Sleeve	1	—	ea.	H	
11335	1-¼" Press Tool for Stainless Steel Sleeve	1	—	ea.	H	



Angle Press Tool for Stainless Steel Sleeves 11400 Series

Designed to create a watertight seal in tight spaces, the Angle Press Sleeve Tool's head at a 90° angle to the 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 pipe to the insert fitting.

New!

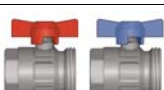
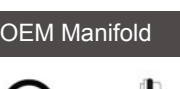
New!

Stk#	Description	Pkg Qty	Carton Qty	Unit	Disc.	List Price / Unit
11405	½" Angle Press Tool for Stainless Steel Sleeve	1	—	ea.	H	
11422	¾" Angle Press Tool for Stainless Steel Sleeve	1	—	ea.	H	

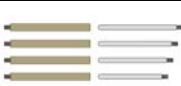
	Stk#	Description	Pkg Qty	USD List Price	Dis.
TwistSeal® (55mm) Manifold					
	78401	TwistSeal® Deluxe (55 mm) Zone Valve Supply Module (c/w o-ring)	1 ea.		H
	78402	TwistSeal® Deluxe (55 mm) Balancing Return Module (c/w o-ring)	1 ea.		H
	78411	TwistSeal® (55 mm) Zone Valve Replacement Cartridge c/w o-ring	1 ea.		H
	78911	TwistSeal® (55 mm) Zone Valve Upgrade Assembly	1 ea.		H
	78912	TwistSeal® (55 mm) Balancing Valve Assembly	1 ea.		H
	78924	O-ring for TwistSeal® Manifold Modules	5 ea.		H
	79901	TwistSeal® (55 mm) Closed End Cap Self-sealing end piece which closes manifold.	1 ea.		H
	79902	1" TwistSeal® (55 mm) Supply End Connection Self-sealing end-piece with 1" FIP brass insert. (c/w o-ring).	1 ea.		H
	79904	1-1/2" TwistSeal® (55 mm) Supply End Connection Self-sealing end-piece with 1-1/2" MIP brass insert. (c/w o-ring).	1 ea.		H
	79908	TwistSeal® (55 mm) Cross Tee	1 ea.		H
TwistSeal® Mini (40mm) Manifold					
	78210	TwistSeal® Mini Deluxe (40 mm) Zone Valve Supply Module The supply module (c/w o-ring) provides on/off manual control to allow isolation of individual loops.	1 ea.		H
	78211	TwistSeal® Mini Deluxe (40 mm) Return Module The return module (c/w o-ring) permits balancing of the flow rate.	1 ea.		H
	78212	TwistSeal® Mini (40 mm) Valveless Module The valveless module (c/w o-ring) can be field equipped with shut-off assembly (#78811).	1 ea.		H
	78221	TwistSeal® Mini (40 mm) Zone Valve Replacement Cartridge c/w o-ring For TwistSeal® Mini (40 mm) shut-off modules.	1 ea.		H
	78311	TwistSeal® Mini Zone Valve Replacement Cartridge for 78300 & 78320 Modules	1 ea.		H

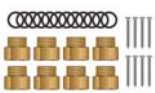
	Stk#	Description	Pkg Qty	USD List Price	Dis.
	78312	TwistSeal® Mini Flow Meter Balancing Replacement Cartridge for 78300 Modules	1 ea.		H
	78811	TwistSeal® Mini (40 mm) Zone Valve Upgrade Assembly For TwistSeal® Mini (40 mm) modules.	1 ea.		H
	78812	TwistSeal® Mini (40 mm) Balancing Valve Assembly For TwistSeal® Mini (40 mm) modules.	1 ea.		H
	78923	O-ring for TwistSeal® Mini & PureLink® Manifold Modules	5 ea.		H
	79801	TwistSeal® Mini (40 mm) Closed End Cap Self-sealing end-piece which closes manifold.	1 ea.		H
	79808	TwistSeal® Mini (40 mm) Cross Tee (c/w o-ring) (c/w o-ring)	1 ea.		H
	79815	TwistSeal® Mini (40 mm) 1" Union Cross Tee End Connection (c/w o-ring)	1 ea.		H
	79942	Pair Thermometers for TwistSeal® Mini (40 mm) Union Cross Tee End Connection	1 pair		H
	79953	Red Rubber Gasket for 1" Union End Connection (40mm) Air Tests	1 pair		H
	79954	Gasket for Twist Seal Mini (40mm) 1" Union Supply End Connection	1 pair		H
TwistSeal® (40 & 55mm) Manifold					
	77729	O-ring for Tubing to Manifold Connectors For use with #77000 Series & #23000 Series.	10 ea.		H
	78902	Plastic Nut for TwistSeal® Manifold Modules Plastic nut used to tighten pipe to manifold connectors to manifold.	1 ea.		H
	78903	Grey Plastic Nut for 3/4" Tubing	1 ea.		H
	78904	Shut-off Cap TwistSeal - red	1 ea.		H
	78905	TwistSeal Zone Actuator Base (40mm & 55mm)	1 ea.		H

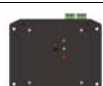
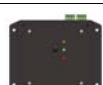
	Stk#	Description	Pkg Qty	USD List Price	Dis.
	78906	Balancing Valve Cap with Clip for TwistSeal® Manifold	1 ea.		H
	78921	O-ring for TwistSeal® & TwistSeal® Mini Valve Inserts	5 ea.		H
	78922	O-ring for TwistSeal® Balancing Shaft - 6x2mm (cone side)	5 ea.		H
	79911	1/2" Cross Tee Plug For use with Cross Tee, comes complete with o-ring.	1 ea.		H
	79930	Metal Hose Bib System can easily be charged at manifold location. For use with the Cross Tee.	1 ea.		H
	79931	Manual Air Vent Used for manually removing air from system. For use with the Cross Tee.	1 ea.		H
	79932	Metal Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1 ea.		H
	79933	Manual Air Vent Key Opens the manual air vent (#79931).	1 ea.		H
	79934	Plastic Hose Bib System can easily be charged at manifold location. For use with the Cross Tee.	1 ea.		H
	79936	Plastic Automatic Air Vent Automatically removes air from system. For use with Cross Tee.	1 ea.		H
	79940	Pair Thermometers c/w Well for TwistSeal® Manifolds	1 pair		H
	79955	O-ring for 1/2" Cross Tee Accessories	5 ea.		H
EasyFit™ Manifold					
	22111	PureLink® (40 mm) potable shut-off shaft c/w o-rings and Tee base	1 ea.		H
	22095	1/2" EasyFit™ Nut	1 ea.		P
	22092	3/4" EasyFit™ Nut	1 ea.		P

	Stk#	Description	Pkg Qty	USD List Price	Dis.
Stainless Steel Manifold					
	76191	Hose Nozzle for SS Manifold	1 ea.		H
	76192	1" NPT Adapter for SS Manifold	1 ea.		H
	76910	FlowMeterValve insert (0-1.5US gpm) for SS Mfd (supp)	1 ea.		H
	76911	Zone Valve Insert for SS Manifold (return)	1 ea.		H
	76912	Balancing Valve Insert for SS Manifold (supply)	1 ea.		H
	76916	Flow Meter Valve insert (0 - 1.5 US gpm lock nut) for SS Manifold (supply)	1 ea.		H
	76918	SS Manifold Connector Base (flow meter w/Lock Nut)	1 ea.		H
	76919	SS Manifold Connector Base	1 ea.		H
	76922	1" Ball Valve Set for the Stainless Steel Manifold	1 set		H
	76924	O-ring for SS Manifold Coupling and End Connections	10 ea.		H
	76925	Black Shut-off Cap for SS Manifolds	1 ea.		H
	76930	Hose Bib for SS Manifold	1 ea.		H
	76936	Pressure Bypass for SS Manifold	1 ea.		H
	77739	O-ring for Tubing to SS Manifold Connector	10 ea.		H
OEM Manifold					
	78021	O-ring for Valve Insert for #78100 Manifold	5 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
	78022	O-ring for #78100 Manifold couplings and brass flanges	5 ea.		H
	78111	Zone Valve Replacement Cartridge for 78100 manifold	1 ea.		H
	78112	Balancing Valve Replacement Cartridge for 78100 manifold	1 ea.		H
Housings					
	71901	Key Lock for Manifold Housing Door For 71300, 71500, and 71600 series housings.	1 ea.		H
Valves					
	62816	Zone Valve Insert 1/2" (blue cap)	1 ea.		H
	62916	Radiator Valve Insert 1/2" (black cap)	1 ea.		H
	62920	Radiator Valve Insert 3/4" (black cap)	1 ea.		H
	62925	Zone Valve Insert 1" (black cap)	1 ea.		H
	62930	Zone Valve Insert 1-1/4" (black cap) and 3/4" (blue cap)	1 ea.		H
	64830	1" & 1-1/4" 4-way mixing valve Repair kit for v2 4-way mixing valves. For 64025 and 64030 4-way mixing valves.	1 ea.		H
	64930	1" & 1-1/4" 4-way mixing valve Repair kit (Thermomix)	1 ea.		H
	64931	Pressure activated bypass for Mixing Block 64331	1 ea.		H
	64950	1-1/2" & 2" 4-way Cast Iron Mixing Valve Repair Kit For 3-way v1 and 4-way v1 mixing valves.	1 ea.		H
Mixing Valve Motors					
	58052	Plastic Mixing Valve Motor Coupling for 1" to 2"	1 ea.		H
	58850	Accessory pack for #58150 v2 mounted on black cast iron mixing valve	1 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
	58930	Accessory pack for #58130 v3 and #58150 v2 mounted on brass mixing valve	1 ea.		H
	58950	Accessory pack for #58150 v1 (rectangle, SM5)	1 ea.		H
Actuators					
	56081	Zone Valve Ring for 56201 and 56231 Actuator	1 ea.		H
	56090	Manifold Actuator Ring	1 ea.		H
	56091	Valve Actuator Ring	1 ea.		H
Thermostats					
	45813	1 Amp Time Delay (slow blow) Glass Fuse 5x20 mm for #46100 Series Thermostats	1 pair		H
StatLink®					
	43404	StatLink 5 wire to Conventional Wire Adapter	1 ea.		H
	45822	2 Amp Medium Lag (med. Blow) Glass Fuse 5x20 mm for 2 Zone Power Module (#40190)	1 pair		H
	45825	2.5A Time Delay (slow blow) 5x20mm Glass Fuse for 40226	1 pair		H
Sensors					
	30070	Outdoor Sensor (10K)	1 ea.		H
Tools					
	10091	Dispenser pin set for small PEX coils	1 set		H
	10092	Dispenser pin set for large PEX coils	1 set		H
Water Quality					
	02191	O-ring for the Side Stream Filter	1 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
Mechanical Room in a Box					
	WHTWSH34	3/4" Nitrile Washer for Panels	5 ea.		H
	NTRWSH1	1" Nitrile Washer for Panels	5 ea.		H
	BRAADA1F34MBS	3/4" MBSP x 1" FNPT Adapter	1 ea.		H
	BRAADA1MG1F	1" MBSP x 1" FNPT Adapter	1 ea.		H
	ACCCDP2	Accessory Pack for CDP200 Panel	1 ea.		H
	ACCCDP2225	Accessory Pack for CDP220/250/310 Panels	1 ea.		H
	ACCCDP2225M	Accessory Pack for CDP220M and CDP250M Panels	1 ea.		H
	ACCHEPSOL	Accessory Pack for HEP and SOL Panels	1 ea.		H
	ACCSSLRG	Accessory Pack for SSP and SST Panels with Large Pump	1 ea.		H
	ACCSSSML	Accessory Pack for SSP and SST Panels with Small Pump	1 ea.		H
	ACCTMP04	Accessory Pack for TMP040 and WHP100 Panels	1 ea.		H
	ACCTMP07	Accessory Pack for TMP070 and TMP070Z Panels	1 ea.		H
	ACCTMPD	Accessory Pack for TMP085DP and TMP200DT Panels	1 ea.		H
	ACCTWH	Accessory Pack for TWH Panels	1 ea.		H
	PWRB1R1	Power Box for TMP040 and TMP070	1 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
	PWRB2R1	Power Box for SSP and SST Panels with Small (15-58) Pump	1 ea.		H
	PWRB4AR1-SOL	Power Box for SOL Panels	1 ea.		H
	PWRB4AR1-TMPD	Power Box for TMPxxxDP and TMPxxxDT Panels	1 ea.		H
	PWRB4AR1-TWH	Power Box for TWH070	1 ea.		H
	PWRB5R1	Power Box for TMP070Z	1 ea.		H
	PWRB6R1	Power Box for CDP Panels	1 ea.		H
	PWRB7AR1	Power Box for WHP100	1 ea.		H
	PWRB7R1-HEP	Power Box for HEP Panels	1 ea.		H
	PWRB7R1-TWH	Power Box for TWH070PS and TWH070XPS	1 ea.		H
	PWRB8AR1-PSP	Power Box for PSP Panels	1 ea.		H
	PWRB8AR1-SMP	Power Box for SMP Panels	1 ea.		H
	PWRB8AR1-ZMP	Power Box for ZMP Panels	1 ea.		H
	PWRB8R1	Power Box for SSP and SST Panels with Large (26-99) Pump	1 ea.		H
	PWRB2TH	Power Box 2 Terminal Header	5 ea.		H
	PWRB3TH	Power Box 3 Terminal Header	5 ea.		H
	PLINTR20VA	24Vac 20VA Plug-in Transformer for Panels For CDP panels.	1 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
	PLINTR40VA	24Vac 40VA Plug-in Transformer for Panels For TMP070Z panel.	1 ea.		H
	HEPPS	Flow Indicator Assembly for Domestic Hot Water Priority	1 ea.		H
	ACT24SW	Actuator with End Switch for CDP Header	1 ea.		H
	ACTMXVLV	Actuator for 3-way Diverter Valve For CDP310, SMP, and ZMP panels.	1 ea.		H
	ECL302	ECL 302 Control 24V for SMP Panels	1 ea.		H
	ETSTHRM	ETS Thermostat for SMP Panels	1 ea.		H
	U10CRD	U10 Card for SMP Panels	1 ea.		H
	DRVWSNS	Drive Way Sensor for SMP Panels	1 ea.		H
	ESM10	ESM-10 Outdoor & Room Sensor for SMP Panels	1 ea.		H
	ESM11	ESM-11 Supply Sensor for SMP Panels	1 ea.		H
	HTEX3812	3×8×12 Plate Heat Exchanger For HEP025 panel.	1 ea.		H
	HTEX3820	3×8×20 Plate Heat Exchanger For SOL080, SMP105, SMP250, SMP335 and panels.	1 ea.		H
	HTEX3830	3×8×30 Plate Heat Exchanger For HEP080, HEP095, and SMP425 panels.	1 ea.		H
	BRAVLV1G-3WMX	1" 3-Way Rotary Valve Body DN 20 G 1" Connection "G" Thread For CDP310 panels.	1 ea.		H
	BRAVLV12-30MRUN	¾" 3-way Thermostatic Mixing Valve For TMP040 panel.	1 ea.		H
	BRAVLV1-3WMXTH	1" 3-way Thermostatic Mixing Valve (white cap) For CDP200, TMP085DP, TMP200DT, and TWH panels.	1 ea.		H

	Stk#	Description	Pkg Qty	USD List Price	Dis.
	BRAVLV1-TMV	1" 3-way Thermostatic Mixing Valve (black cap) For TMP070, TMP070Z, CDP220/250 panels.	1 ea.		H
	PG14NPT25160	Economy Pressure Gauge 0-160 psi/kPa 2.5" Dial 1/4" NPT Bottom Connection For SMP and PSP panels.	1 ea.		H
	PG14NPT260	Pressure Gauge for HEP080 and SOL080	1 ea.		H
	PUMP1558	UPS15-58RU Composite 115V Pump	1 ea.		H
	PUMP2699	UPS26-99 115V Cast Iron Pump	1 ea.		H
	PUMP2699BR	UPS26-99 115V Bronze Pump for TWH070XPS and HEP095	1 ea.		H

Stk#	Description	Status	Page #
00412	HeatLink Preventative Maintenance Water Analysis (requires wsb2)		53
01020	Molybdenum Test Kit		53
01021	Nitrate Test Kit	Discontinued	
01102	Propylene Glycol inhibited (low toxin)	Discontinued	
01205	1L Corrosion Inhibitor (Molybdate based)		52
01311	1L Purging Compound (Pre & Post Operational Cleaner)		52
01321	1 Ltr Postoperational Filtration Cleaner		52
02125	Sidestream Filter		54
02191	O-ring for the Side Stream Filter		118
10000	PEX Tubing Dispenser		110
10003	Basic PEX Tubing Dispenser		110
10091	Dispenser pin set for small PEX coils		118
10092	Dispenser pin set for large PEX coils		118
10100	HeatLink® PEX Tubing Cutters		110
10220	HeatLink® Stand-up Stapler	Discontinued	see 10230
10230	HeatLink® Deluxe Staple Gun	New!	109
11252	EasyFit™ Nut Wrench		111
11305	½" Press Tool for Stainless Steel Sleeve		112
11322	¾" Press Tool for Stainless Steel Sleeve		112
11325	½" & ¾" Combo Press Tool for Stainless Steel Sleeve	Aug. 1st	112
11328	1" Press Tool for Stainless Steel Sleeve		112
11335	1-¼" Press Tool for Stainless Steel Sleeve		112
11405	½" Angle Press Tool for Stainless Steel Sleeve	New!	112
11422	¾" Angle Press Tool for Stainless Steel Sleeve	New!	112
12005	½" J-Clip		108
12022	¾" J-Clip		108
12028	1" J-Clip		108
15005	½" PEX HPP Plug		103
15022	¾" PEX HPP Plug		103
15028	1" PEX HPP Plug		103
16222	¾" x ¾" x ¾" PEX HPP Tee		103
16225	¾" x ¾" x ½" PEX HPP Tee		103
16228	¾" x ¾" x 1" PEX HPP Tee	New!	103
16252	¾" x ½" x ¾" PEX HPP Tee		103
16255	¾" x ½" x ½" PEX HPP Tee		103
16552	½" x ½" x ¾" PEX HPP Tee		103
16555	½" x ½" x ½" PEX HPP Tee		103
16822	1" x ¾" x ¾" PEX HPP Tee		103
16828	1" x ¾" x 1" PEX HPP Tee	New!	103
16882	1" x 1" x ¾" PEX HPP Tee		103
16885	1" x 1" x ½" PEX HPP Tee		103
16888	1" x 1" x 1" PEX HPP Tee		103
17505	½" PEX x ½" MPT HPP Adapter		100
17522	¾" PEX x ¾" MPT HPP Adapter		100

Stk#	Description	Status	Page #
17525	¾" PEX x ½" MPT HPP Adapter		100
17552	½" PEX x ¾" MPT HPP Adapter		100
17705	½" PEX x Ballcock/Closet FPT Swivel HPP Adapter		99
17722	¾" PEX x ¾" FPT Swivel HPP Adapter		99
17755	½" PEX x ½" FPT Swivel HPP Adapter		99
18005	½" x ½" PEX HPP Elbow		96
18022	¾" x ¾" PEX HPP Elbow		96
18028	1" x 1" PEX HPP Elbow		96
18225	¾" x ½" PEX HPP Elbow		96
18505	½" PEX x ½" MPT HPP Elbow		97
18551	½" PEX x ¾" MPT HPP Dishwasher Elbow		97
18605	½" PEX x ½" FPT Swivel HPP Elbow		99
19005	½" x ½" PEX HPP Coupling		94
19022	¾" x ¾" PEX HPP Coupling		94
19028	1" x 1" PEX HPP Coupling		94
19225	¾" x ½" PEX HPP Coupling		94
19282	1" x ¾" PEX HPP Coupling		94
20105	½" 100ft PureLink® PLUS Blue UV Stabilized PEX-a PexCube™		83
20122	¾" 100ft PureLink® PLUS Blue UV Stabilized PEX-a PexCube™		83
20128	1" 100ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20135	1-¼" 100ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	New!	83
20205	½" 20x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		83
20222	¾" 10x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		83
20228	1" 5x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		83
20235	1-¼" 5x20ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing	New!	83
20305	½" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20322	¾" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20328	1" 300ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20505	½" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20522	¾" 500ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20905	½" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
20922	¾" 1000ft PureLink® PLUS Blue UV Stabilized PEX-a Tubing		6,83
21105	½" 100ft PureLink® PLUS Red UV Stabilized PEX-a PexCube™		84
21122	¾" 100ft PureLink® PLUS Red UV Stabilized PEX-a PexCube™		84
21128	1" 100ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21135	1-¼" 100ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	New!	84
21205	½" 20x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84

Stk#	Description	Status	Page #
21222	¾" 10x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21228	1" 5x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21235	1-¼" 5x20ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	New!	84
21305	½" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21322	¾" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21328	1" 300ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21505	½" 500ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	New!	84
21522	¾" 500ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	New!	84
21905	½" 1000ft PureLink® PLUS Red UV Stabilized PEX-a Tubing		84
21922	¾" 1000ft PureLink® PLUS Red UV Stabilized PEX-a Tubing	New!	84
22001	Compression Stop Tee		89
22002	EasyFit™ 2-Port Tee		89
22003	EasyFit™ 3-Port Tee		89
22092	¾" EasyFit™ Nut		115
22095	½" EasyFit™ Nut		115
22111	PureLink® (40 mm) potable shut-off shaft c/w o-rings and Tee base		115
22121	Single Mounting Bracket		89
22180	Red Shut-off Cap		90
22181	Blue Shut-off Cap		90
22191	TwistSeal® Mini (40 mm) ¾" FPT Supply End Connection (c/w o-ring)		90
22193	½" EasyFit™ Supply End Connection		90
22194	¾" EasyFit™ Supply End Connection		90
22195	¾" EasyFit™ Run End Connection		91
22196	TwistSeal® Mini (40 mm) 1" MPT Supply End Connection		90
22199	EasyFit™ Manifold Closed End Cap		91
22503	3x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22504	4x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22505	5x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22506	6x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22507	7x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22508	8x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22509	9x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92
22510	10x ½" PEX Branch, ¾" PEX x Spin Closed Trunk Copper Manifold		92

Stk#	Description	Status	Page #
22603	3x ½" PEX Branch, ¾" PEX x ¾" PEX Trunk Copper Manifold		92
22604	4x ½" PEX Branch, ¾" PEX x ¾" PEX Trunk Copper Manifold		92
22605	5x ½" PEX Branch, ¾" PEX x ¾" PEX Trunk Copper Manifold		92
22606	6x ½" PEX Branch, ¾" PEX x ¾" PEX Trunk Copper Manifold		92
23012	¾" PEX Insert Manifold Connector	Discontinued	
23015	½" PEX Insert Manifold Connector		13,91
23032	¾" PEX Insert Manifold Connector with nut		13,91
23055	EasyFit™ ½" Outlet Cap with o-ring		91
23405	½" PEX x ½" M/sweat straight Ball Valve		105
23422	¾" PEX x ¾" MPT Straight Ball Valve		105
23505	½" PEX x ¾" O.D. Plated Straight Ball Valve		104
23505NL	½" PEX x ¾" O.D. No Lead Brass Plated Straight Ball Valve		104
23605	½" PEX x ¾" O.D. Plated Angle Ball Valve		104
23605NL	½" PEX x ¾" O.D. No Lead Brass Plated Angle Ball Valve		104
23705	½" PEX Straight Ball Valve		105
23705NL	½" PEX Straight No Lead Brass Ball Valve		105
23722	¾" PEX Straight Ball Valve		105
23722NL	¾" PEX Straight No Lead Brass Ball Valve		105
23772	¾" PEX Stop and Waste Valve		105
23775	½" PEX Stop and Waste Valve		105
23905	½" PEX x ¼" O.D. Straight Ball Valve		104
24205	½" Stainless Steel Press Sleeve		94
24222	¾" Stainless Steel Press Sleeve		94
24228	1" Stainless Steel Press Sleeve		94
24235	1-¼" Stainless Steel Press Sleeve		94
25005	½" PEX Brass Plug		103
25022	¾" PEX Brass Plug		103
25028	1" PEX Brass Plug		103
25035NL	1-¼" PEX No Lead Brass Plug	New!	103
25751	½" PEX x ¾" O.D. Brass Adapter		99
26222	¾" x ¾" x ¾" PEX Brass Tee		102
26225	¾" x ¾" x ½" PEX Brass Tee		102
26252	¾" x ½" x ¾" PEX Brass Tee		102
26255	¾" x ½" x ½" PEX Brass Tee		102
26322NL	1-¼" x ¾" x ¾" PEX No Lead Brass Tee	New!	102
26332NL	1-¼" x 1-¼" x ¾" PEX No Lead Brass Tee	New!	102
26333NL	1-¼" x 1-¼" x 1-¼" PEX No Lead Brass Tee	New!	102
26338NL	1-¼" x 1-¼" x 1" PEX No Lead Brass Tee	New!	102
26388NL	1-¼" x 1" x 1" PEX No Lead Brass Tee	New!	102
26552	½" x ½" x ¾" PEX Brass Tee		102

Stk#	Description	Status	Page #
26555	½" x ½" x ½" PEX Brass Tee		102
26822	1" x ¾" x ¾" PEX Brass Tee		102
26882	1" x 1" x ¾" PEX Brass Tee		102
26885	1" x 1" x ½" PEX Brass Tee		102
26888	1" x 1" x 1" PEX Brass Tee		102
27105	½" PEX x ½" M/Sweat Brass Adapter		101
27105NL	½" PEX x ½" M/Sweat No Lead Brass Adapter	New!	101
27122	¾" PEX x ¾" M/Sweat Brass Adapter		101
27122NL	¾" PEX x ¾" M/Sweat No Lead Brass Adapter	New!	101
27128	1" PEX x 1" M/Sweat Brass Adapter (¾" F/Sweat)		101
27128NL	1" PEX x 1" M/Sweat No Lead Brass Adapter (¾" F/Sweat)	New!	101
27135NL	1-¼" PEX x 1-¼" M/Sweat No Lead Brass Adapter	New!	101
27205	½" PEX x ½" F/Sweat Brass Adapter		101
27205NL	½" PEX x ½" F/Sweat No Lead Brass Adapter	New!	101
27222	¾" PEX x ¾" F/Sweat Brass Adapter		101
27222NL	¾" PEX x ¾" F/Sweat No Lead Brass Adapter	New!	101
27228	1" PEX x 1" F/Sweat Brass Adapter		101
27228NL	1" PEX x 1" F/Sweat No Lead Brass Adapter	New!	101
27235NL	1-¼" PEX x 1-¼" F/Sweat No Lead Brass Adapter	New!	101
27328	¾" PEX x 1" F/Sweat Brass Adapter	New!	101
27505	½" PEX x ½" MPT Brass Adapter		100
27522	¾" PEX x ¾" MPT Brass Adapter		100
27528	1" PEX x 1" MPT Brass Adapter		100
27528NL	1" PEX x 1" MPT No Lead Brass Adapter	New!	100
27535NL	1-¼" PEX x 1-¼" MPT No Lead Brass Adapter	New!	100
27538NL	1-¼" PEX x 1" MPT No Lead Brass Adapter	New!	100
27552	½" PEX x ¾" MPT Brass Adapter		100
27582	1" PEX x ¾" MPT Brass Adapter		100
27582NL	1" PEX x ¾" MPT No Lead Brass Adapter	New!	100
27605	½" PEX x ½" FPT Brass Adapter		98
27605NL	½" PEX x ½" FPT No Lead Brass Adapter	New!	98
27622	¾" PEX x ¾" FPT Brass Adapter		98
27622NL	¾" PEX x ¾" FPT No Lead Brass Adapter	New!	98
27628	1" PEX x 1" FPT Brass Adapter	New!	98
27628NL	1" PEX x 1" FPT No Lead Brass Adapter	New!	98
27635NL	1-¼" PEX x 1-¼" FPT No Lead Brass Adapter	New!	98
27822	¾" PEX Insert x ¾" FPT Swivel, Flexible 18" Water Heater Connection		106

Stk#	Description	Status	Page #
28005	½" x ½" PEX Brass Elbow		96
28022	¾" x ¾" PEX Brass Elbow		96
28028	1" x 1" PEX Brass Elbow		96
28035NL	1-¼" x 1-¼" PEX No Lead Brass Elbow	New!	96
28205	½" PEX Stubout Elbow with Edge Bracket		106
28225	¾" x ½" PEX Brass Elbow		96
28234	½" PEX x M/Sweat, 3" x 4" Tub Elbow		106
28305	½" PEX x ½" FPT Drop Ear Brass Elbow		98
28305NL	½" PEX x ½" FPT Drop Ear No Lead Brass Elbow	New!	98
28312	½" PEX x ¾" FPT Drop Ear Brass Elbow	New!	98
28312NL	½" PEX x ¾" FPT Drop Ear No Lead Brass Elbow	New!	98
28535NL	1-¼" PEX x 1-¼" MPT No Lead Brass Elbow	New!	97
28551	½" PEX x ¾" MPT Brass Dishwasher Elbow		97
28583NL	1" PEX x 1-¼" MPT No Lead Brass Elbow	New!	97
29005	½" x ½" PEX Brass Coupling		94
29022	¾" x ¾" PEX Brass Coupling		94
29028	1" x 1" PEX Brass Coupling		94
29035NL	1-¼" x 1-¼" PEX No Lead Brass Coupling	New!	94
29225	¾" x ½" PEX Brass Coupling		94
29238NL	1-¼" x 1" PEX No Lead Brass Coupling	New!	94
29282	1" x ¾" PEX Brass Coupling	New!	94
30070	Outdoor Sensor (10K)		118
30071	Universal Sensor (10K)		42
30072	Slab Sensor (10K) PVC sleeve 20' cable		42
30073	Slab Sensor (10K) PVC sleeve 40' cable		42
30076	Indoor Sensor (10K) small enclosure		43
30077	Indoor Sensor (10K) flush mount		43
30079	Slab Sensor (10K) stainless steel sleeve 10' cable		42
30090	Snow/Ice Sensor (10K) 65' cable		43
30091	Snow/Ice Sensor Socket		43
30092	Snow Melt Kit		42
30150	One stage Setpoint Control		41
31355	HeatLink® Compact Mixing Reset Control		41
31667	HeatLink® Snow/Ice Detector & Melt Control		41
40226	StatLink® 6 Zone Base Module		40
40234	StatLink® 4 Zone Expansion Module		40
40242	StatLink® 2 HD Zone Expansion Module		40
43002	50m StatLink® 2-wire flat	Discontinued	
43005	50m StatLink® 5-wire flat	Discontinued	

Stk#	Description	Status	Page #
43102	StatLink® 2-wire coupling	Discontinued	
43105	StatLink® 5-wire coupling	Discontinued	
43202	StatLink® 2-wire plug	Discontinued	
43404	StatLink 5 wire to Conventional Wire Adapter		118
44100	StatLink® Testing Kit	Discontinued	
44110	StatLink® Diagnostic indicator	Discontinued	
44201	Replacement Blade for StatLink® Crimping Pliers	Discontinued	
44325	StatLink® Installation track, 25"		40
45012	24Vac DPDT pump relay		39
45032	8 pin round Socket for AC relay		39
45112	HeatLink® 24Vac DPDT pump relay Box		39
45813	1 Amp Time Delay (slow blow) Glass Fuse 5x20 mm for #46100 Series Thermostats		118
45822	2 Amp Medium Lag (med. Blow) Glass Fuse 5x20 mm for 2 Zone Power Module (#40190)		118
45825	2.5A Time Delay (slow blow) 5x20mm Glass Fuse for 40226		118
46030	Neutral Backplate for 3-wire Thermostat	Discontinued	
46050	Neutral Backplate for 5-wire Thermostat	Discontinued	
46443	HeatLink® Electronic Thermostat w/ LED & Setback Selector Switch		38
46543	HeatLink® Digital Thermostat w/ optional floor warming		38
46643	HeatLink® Digital Timer Thermostat		38
46673	HeatLink® Digital Heat/Cool Timer Thermostat		38
56081	Zone Valve Ring for 56201 and 56231 Actuator		118
56090	Manifold Actuator Ring		118
56091	Valve Actuator Ring		118
56121	HeatLink® DDC Actuator for Manifolds & Valves		34
56200	HeatLink® TwistSeal® Manifold actuator w/LED		34
56201	HeatLink® Valve & SS Manifold actuator w/LED		34
56202	HeatLink® Multiport Manifold actuator w/LED		34
56230	HeatLink® TwistSeal® Manifold actuator w/End Switch		34
56231	HeatLink® Valve & SS Manifold actuator w/End Switch		34
56232	HeatLink® Multiport Manifold actuator w/End Switch		34
57091	Thermostatic Head (16°-28°C)		33
57094	Thermostatic Head c/w Capillary (96°-150°F)		33
58052	Plastic Mixing Valve Motor Coupling for 1" to 2"		117
58130	Mixing valve motor for 1" and 1-1/4" valves		32
58150	Mixing valve motor for 1-1/2" and 2" valves		32

Stk#	Description	Status	Page #
58199	Mixing Valve Motor for 2-1/2", 3", and 4" Flange MVs		32
58850	Accessory pack for #58150 v2 mounted on black cast iron mixing valve		117
58930	Accessory pack for #58130 v3 and #58150 v2 mounted on brass mixing valve		118
58950	Accessory pack for #58150 v1 (rectangle, SM5)		118
60020	Pressure activated bypass valves 3/4"		31
60025	Pressure activated bypass valves 1"		31
60040	Pressure activated bypass valves 1-1/4"		31
61016	Straight Return Connector 1/2"		30
61116	90° Angle Return Connector 1/2"		30
62016	Straight Zone Valve 1/2"		30
62020	Straight Zone Valve 3/4" NPT		30
62025	Straight Zone Valve 1" NPT		30
62030	Straight Zone Valve 1-1/4" NPT		30
62116	90° Angle Radiator Valve 1/2", nickel plated		29
62120	90° Angle Radiator Valve 3/4", nickel plated		29
62216	Straight Radiator Valve 1/2", nickel plated		29
62220	Straight Radiator Valve 3/4", nickel plated		29
62325	Straight Balancing Valve 1" Female Sweat		29
62816	Zone Valve Insert 1/2" (blue cap)		117
62916	Radiator Valve Insert 1/2" (black cap)		117
62920	Radiator Valve Insert 3/4" (black cap)		117
62925	Zone Valve Insert 1" (black cap)		117
62930	Zone Valve Insert 1-1/4" (black cap) and 3/4" (blue cap)		117
63025	1" x 3 Way Diverting Valve		28
63540	1-1/2" x 3-way FPT Mixing Valve		28
63550	2" x 3-way FPT Mixing Valve		28
63716	1/2" Compact 3-way Mixing Valve		28
63720	3/4" Compact 3-way Mixing Valve		28
63725	1" Compact 3-way Mixing Valve		28
63732	1-1/4" Compact 3-way Mixing Valve		28
64025	1" x 4-way FPT mixing valve		27
64030	1-1/4" x 4-way FPT mixing valve		27
64040	1-1/2" x 4-way FPT mixing valve		27
64050	2" x 4-way FPT mixing valve		27
64165	2-1/2" x 4-way Flange mixing valve		27
64180	3" x 4-way Flange mixing valve		27
64199	4" x 4-way Flange mixing valve		27
64331	Mixing Block with Pump and Pressure Bypass		27
64830	1" & 1-1/4" 4-way mixing valve Repair kit for v2 4-way mixing valves.		117

Stk#	Description	Status	Page #
64930	1" & 1-1/4" 4-way mixing valve Repair kit (Thermomix)		117
64931	Pressure activated bypass for Mixing Block 64331		117
64950	1-1/2" & 2" 4-way Cast Iron Mixing Valve Repair Kit		117
64963	2-1/2" 4-way mixing valve Gasket Set (Viessmann)	Discontinued	117
67005	1/2" PEX Comp. x 1/2" M/Sweat Adapter		22
67019	5/8" PEX Comp. x 3/4" M/Sweat Adapter		22
67022	3/4" PEX Comp. x 3/4" M/Sweat Adapter		22
67105	1/2" PEX Comp. x 1/2" F/Sweat Adapter		22
67119	5/8" PEX Comp. x 3/4" F/Sweat Adapter		22
67305	1/2" PEX Comp. x 1/2" F/Sweat 90° Elbow		22
67319	5/8" PEX Comp. x 3/4" F/Sweat 90° Elbow		22
67505	1/2" PEX Comp. x 3/4" straight F/Sweat Adapter		22
67705	1/2" PEX Comp. x 3/4" F/Sweat 90° Elbow		22
68005	1/2" PEX x 1/2" MPT Adapter		21
68012	3/8" PEX x 1/2" MPT Adapter		21
68019	5/8" PEX Comp. x 3/4" MPT Adapter		21
68022	3/4" PEX Comp. x 3/4" MPT Adapter		21
68028	1" PEX Comp. x 1" MPT Adapter		21
68212	1-1/4" I.D. (40x3.7mm) PEX Comp. x 1-1/4" MPT Adapter		21
68213	1-1/2" I.D. (50x4.6mm) PEX Comp. x 1-1/4" MPT Adapter		21
68214	2" I.D. (63x5.7mm) PEX Comp. x 2" MPT Adapter		21
68215	2-1/2" I.D. (75x6.8mm) PEX Comp. x 2" MPT Adapter		21
68216	3" I.D. (90x8.2mm) PEX Comp. x 3" MPT Adapter		21
68217	4" I.D. (110x10mm) PEX Comp. x 3" MPT Adapter		21
69005	1/2" x 1/2" PEX Comp. Coupling		21
69012	3/8" x 3/8" PEX Comp. Coupling		21
69019	5/8" x 5/8" PEX Comp. Coupling		21
69022	3/4" x 3/4" PEX Comp. Coupling		21
69028	1" x 1" PEX Comp. Coupling		21
71324	Surface Mounted Manifold Housing 24"x27-1/2"x5-1/2"	Discontinued	see 71424
71330	Surface Mounted Manifold Housing 30"x27-1/2"x5-1/2"	Discontinued	see 71430
71341	Surface Mounted Manifold Housing 41"x27-1/2"x5-1/2"	Discontinued	see 71442
71350	Surface Mounted Manifold Housing 50"x27-1/2"x5-1/2"	Discontinued	
71424	Surface Mounted Manifold Housing 24"x30"x5-3/8"	New!	20
71430	Surface Mounted Manifold Housing 30"x30"x5-3/8"	New!	20
71442	Surface Mounted Manifold Housing 42"x30"x5-3/8"	New!	20
71524	Recessed Manifold Housing 24"x23"	Discontinued	see 71724

Stk#	Description	Status	Page #
71530	Recessed Manifold Housing 30"x23"	Discontinued	see 71730
71530.2	Door & Frame for Recessed Manifold Housing 30"x23"	Discontinued	
71536.2	Door & Frame for Recessed Manifold Housing 36"x23"	Discontinued	
71541	Recessed Manifold Housing 41-1/2"x23"	Discontinued	see 71743
71624.2	Door & Frame for Semi-Recessed Manifold Housing 24"x23"	Discontinued	
71630.2	Door & Frame for Semi-Recessed Manifold Housing 30"x23"	Discontinued	
71636.2	Door & Frame for Semi-Recessed Manifold Housing 36"x23"	Discontinued	
71641.2	Door & Frame for Semi-Recessed Manifold Housing 41"x23"	Discontinued	
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81022	HeatSeal® 1-¼" Dual Endcap (Dry)		59
81023	HeatSeal® 1-½" Dual Endcap (Dry)		59
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81117	HeatSeal® 4" Shrink Cap (Wet)		59
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92105rs	1/2" 100ft Pipe-in-Pipe Red Sheath		86
92122bs	3/4" 100ft Pipe-in-Pipe Blue Sheath		86
92122ps	3/4" 100ft Pipe-in-Pipe Purple Sheath		87
92122rs	3/4" 100ft Pipe-in-Pipe Red Sheath		86
92128bs	1" 100ft Pipe-in-Pipe Blue Sheath		86
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94122	3/4" 1000ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94128	1" 100ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94205	1/2" 250ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94219	5/8" 225ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94222	3/4" 10x20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94228	1" 5x20ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94240	40mm x 3.7 (1-1/4") 150ft HeatLink® O ₂ Barrier PEX-a Tubing		5
94250	50mm x 4.5 (1-1/2") 150ft HeatLink® O ₂ Barrier PEX-a Tubing		5
94263	63mm x 5.7 (2") 150ft HeatLink® O ₂ Barrier PEX-a Tubing		5

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94312	3/8" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94322	3/4" 300ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94340	40mm x 3.7 (1-1/4") 300ft HeatLink® O ₂ Barrier PEX-a Tubing		5
94350	50mm x 4.5 (1-1/2") 300ft HeatLink® O ₂ Barrier PEX-a Tubing		5
94363	63mm x 5.7 (2") 300ft HeatLink® O ₂ Barrier PEX-a Tubing		5
94419	5/8" 450ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94505	1/2" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94519	5/8" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94522	3/4" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
94528	1" 500ft O ₂ Barrier HeatLink® UV Stabilized PEX-a Tubing		5
97011	1" HeatSeal® insulated PEX-a Tubing	Special Order	57
97012	1-1/4" I.D. (40 x 3.7mm) HeatSeal® insulated PEX-a Tubing	Special Order	57
97013	1-1/2" I.D. (50 x 4.6mm) HeatSeal® insulated PEX-a Tubing		57
97014	2" I.D. (63 x 5.7mm) HeatSeal® insulated PEX-a Tubing		57
97015	2-1/2" I.D. (75 x 6.9mm) HeatSeal® insulated PEX-a Tubing		57
97016	3" I.D. (90 x 8.2mm) HeatSeal® insulated PEX-a Tubing		57
97017	4" I.D. (110 x 10.0mm) HeatSeal® insulated PEX-a Tubing		57
97021	1" Dual HeatSeal® insulated PEX-a Tubing		57
97022	1-1/4" I.D. (40 x 3.7mm) Dual HeatSeal® insulated PEX-a Tubing		57
97023	1-1/2" I.D. (50 x 4.6mm) Dual HeatSeal® insulated PEX-a Tubing		57
97024	2" I.D. (63 x 5.7mm) Dual HeatSeal® insulated PEX-a Tubing		57
99119	5/8" 1000ft HeatLink® natural UV Stabilized PEX-a Tubing	Special Order	6
99212	3/8" 200ft HeatLink® natural UV Stabilized PEX-a Tubing	Special Order	6
99419	5/8" 450ft HeatLink® natural UV Stabilized PEX-a Tubing	Special Order	6
99912	3/8" 1000ft HeatLink® natural UV Stabilized PEX Tubing	Special Order	6
99922	3/4" 1000ft PureLink® natural UV Stabilized PEX-a Tubing	Discontinued	see 20922
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ACCCDP2225	Accessory Pack for CDP220/250/310 Panels		119
ACCCDP2225M	Accessory Pack for CDP220M and CDP250M Panels		119
ACCHEPSOL	Accessory Pack for HEP and SOL Panels		119

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ACCSSSML	Accessory Pack for SSP and SST Panels with Small Pump		119
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ACCTMP07	Accessory Pack for TMP070 and TMP070Z Panels		119
ACCTMPD	Accessory Pack for TMP085DP and TMP200DT Panels		119
ACCTWH	Accessory Pack for TWH Panels		119
ACT24SW	Actuator with End Switch for CDP Header		121
ACTMXVLV	Actuator for 3-way Diverter Valve		121
ACTMXVLV-PROP	Mixing Valve Actuator Proportional	New!	
BRAADA1F34MBS	¾" MBSP x 1" FNPT Adapter		119
BRAADA1MG1F	1" MBSP x 1" FNPT Adapter		119
BRAVLV1-3WMXTH	1" 3-way Thermostatic Mixing Valve (white cap)		121
BRAVLV1-TMV	1" 3-way Thermostatic Mixing Valve (black cap)		122
BRAVLV12-30MRUN	¾" 3-way Thermostatic Mixing Valve		121
BRAVLV1G-3WMX	1" 3-Way Rotary Valve Body DN 20 G 1" Connection "G" Thread	New!	121
CDP200	CDP 200 MBH 2 Temperature System Panel with 3 Pumps		69
CDP220	CDP 220 MBH 2 Temperature Combi DHW System Panel with 4 Pumps		70
CDP220M	CDP 220 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Low Temp Manifold		71
CDP220MP3	CDP 220 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Low Temp Manifold	New!	71
CDP220P3	CDP 220 MBH 2 Temperature Combi DHW System Panel with 3 Pumps	New!	70
CDP250	CDP 250 MBH 2 Temperature Combi DHW System Panel with 4 Pumps		70
CDP250M	CDP 250 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Low Temp Manifold		71
CDP250MP3	CDP 250 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Low Temp Manifold	New!	71
CDP250P3	CDP 250 MBH 2 Temperature Combi DHW System Panel with 3 Pumps	New!	70
CDP310RP3	CDP 310 MBH 2 Temperature Combi DHW System Panel with 3 Pumps and Outdoor Reset	New!	72
CDP310RP4	CDP 310 MBH 2 Temperature Combi DHW System Panel with 4 Pumps and Outdoor Reset	New!	72
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HEP080	HEP 80 MBH Isolation Heat Exchanger Panel		65
HEP095	HEP 95 MBH Isolation Heat Exchanger Panel	New!	66
HEPPS	Flow Indicator Assembly for Domestic Hot Water Priority		65,121
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PG14NPT25160	Economy Pressure Gauge 0-160 psi/kPa 2.5" Dial ¼" NPT Bottom Connection		122
PG14NPT260	Pressure Gauge for HEP080 and SOL080		122
PLINTR20VA	24Vac 20VA Plug-in Transformer for Panels		120
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PSP500	PSP 500 MBH Pool/Spa Panel with Dual Marine Heat Exchanger		79
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PUMP2699BR	UPS26-99 115V Bronze Pump for TWH070XPS and HEP095		122
PWRB1R1	Power Box for TMP040 and TMP070		119
PWRB2R1	Power Box for SSP and SST Panels with Small (15-58) Pump		120
PWRB2TH	Power Box 2 Terminal Header		120
PWRB3TH	Power Box 3 Terminal Header		120
PWRB4AR1	Power Box for TMP085DP, TMP200DT, SOL080, TWH070, CDP220, CDP220M, CDP250, and CDP250M	Discontinued	see PWRB4AR1-TWH, PWRB4AR1-TMPD, or PWRB4AR1-SOL
PWRB4AR1-SOL	Power Box for SOL Panels	New!	120
PWRB4AR1-TMPD	Power Box for TMPxxxDP and TMPxxxDT Panels	New!	120
PWRB4AR1-TWH	Power Box for TWH070	New!	120
PWRB5R1	Power Box for TMP070Z		120
PWRB6R1	Power Box for CDP Panels		120
PWRB7AR1	Power Box for WHP100		120
PWRB7R1	Power Box for HEP080, TWH070PS and TWH070XPS	Discontinued	see PWRB7R1-HEP or PWRB7R1-TWH
PWRB7R1-HEP	Power Box for HEP Panels	New!	120
PWRB7R1-TWH	Power Box for TWH070PS and TWH070XPS	New!	120
PWRB8AR1-PSP	Power Box for PSP Panels	New!	120
PWRB8AR1-SMP	Power Box for SMP Panels	New!	120

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SMP250	SMP 250 MBH Snow Melt Panel with 3 20 Plate Heat Exchangers		78
SMP335	SMP 335 MBH Snow Melt Panel with 4 20 Plate Heat Exchangers		78
SMP400D	SMP 400 MBH Snow Melt Panel (no heat exchangers)		78
SMP425	SMP 425 MBH Snow Melt Panel with 4 30 Plate Heat Exchangers		78
SOL080	SOL 80 MBH Solar Heat Exchanger Panel		80
SSADDC	56121 DDC Actuator Installed on Mixing Valve in SST Panel		76
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SSM106R	SSM Recessed 6 Loop Stainless Steel Manifold Panel		73
SSM108R	SSM Recessed 8 Loop Stainless Steel Manifold Panel		73
SSM110R	SSM Recessed 10 Loop Stainless Steel Manifold Panel		73
SSP104RL	SSP Recessed 4 Loop Stainless Steel Manifold Large Pump Panel		75
SSP104RS	SSP Recessed 4 Loop Stainless Steel Manifold Small Pump Panel		75
SSP106RL	SSP Recessed 6 Loop Stainless Steel Manifold Large Pump Panel		75
SSP106RS	SSP Recessed 6 Loop Stainless Steel Manifold Small Pump Panel		75
SSP108RL	SSP Recessed 8 Loop Stainless Steel Manifold Large Pump Panel		75
SSP108RS	SSP Recessed 8 Loop Stainless Steel Manifold Small Pump Panel		75
SSP110RL	SSP Recessed 10 Loop Stainless Steel Manifold Large Pump Panel		75
SSP110RS	SSP Recessed 10 Loop Stainless Steel Manifold Small Pump Panel		75
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