

Specification	TwistSeal® Mini (40 mm)	TwistSeal® (55 mm)	Stainless Steel
Working Pressure	87 psi (6 bar)	87 psi (6 bar)	87 psi (6 bar)
Tested Pressure	232 psi (16 bar)	232 psi (16 bar)	145 psi (10 bar)
Maximum Trunk Flow Rate	11 US gpm (2.5 m³/h) - 1" Gasketed Union	18 US gpm (2.5 m³/h) - 1" FIP	18 US gpm (4.1 m³/h)
		22 US gpm (5 m³/h) - 1-1/2" MIP	
Supply & Return Piping	1" Union	1" FIP	1" FIP
		1-1/2" MIP	
Operating Temperature	160°F (70°C)	160°F (70°C)	160°F (70°C)
Maximum Temperature	180°F (82°C)	180°F (82°C)	230°F (110°C)
Minimum Temperature*	-65°F (-54°C)*	-65°F (-54°C)*	32°F (0°C)
PEX Pipe Connections	3/8" nominal 1/2" nominal 5/8" nominal	3/8" nominal 1/2" nominal 5/8" nominal 3/4" nominal	1/2" nominal 5/8" nominal 3/4" nominal

Comparison	TwistSeal® Mini (40 mm)			TwistSeal® (55 mm)			Stainless Steel	
Features	Basic Kit #79202	Standard Kit #79201	Deluxe Kit #79200	Basic Kit #79401	Deluxe Kit #79400	Commercial Kit #79402	76100 Series	76200 Series
Supply End Connection	2x 1" MIP	2x 1" MIP		2x 1" FIP	2x 1" FIP***	2x 1-1/2" MIP	2x 1" FIP	2x 1" FIP
Cross Tee End Connection			2x 1" Union					
Isolation Valve							2	2
Cross Tee		1			2	2		
Closed End Connection	2	2	2	2	2	2		
Cross Tee Plugs		2	1		3	3		
Manual Air Vent			✓		✓	✓		
Automatic Air Vent		✓	✓		✓	✓		
Temperature Gauge			2		2	2		
Hose Bib		✓	✓		✓	✓	2	2
Silicone o-ring lubricant bottle	✓	✓	✓	✓	✓	✓		
Wrench			✓		✓	✓		
Brackets Included	2	2	2**	2	2	2	2	2
Loop Control	78200	78302 & 78303	78400					
Maximum Circuit Flow Rate	1.25 US gpm (0.28 m³/h)	1.0 US gpm (0.23 m³/h)	2.5 US gpm (0.57 m³/h)				1.5 US gpm (0.34 m³/h)	2.5 US gpm (0.57 m³/h)
Balancing Return	✓		✓					
Zone Valve Balancing Return							✓	✓
Flow Meter Balancing Return		✓						
Flow Meter Balancing Supply							✓	
Balancing Supply								✓
Zone Valve Supply	✓	✓	✓					

* Ensure freeze protection of pipe. Maximum recommended glycol solution of 50% provides protection down to -29°F (-34°C).

** 79200e (European version) contains 4 brackets

*** 79400e (European version) has a European FIP thread

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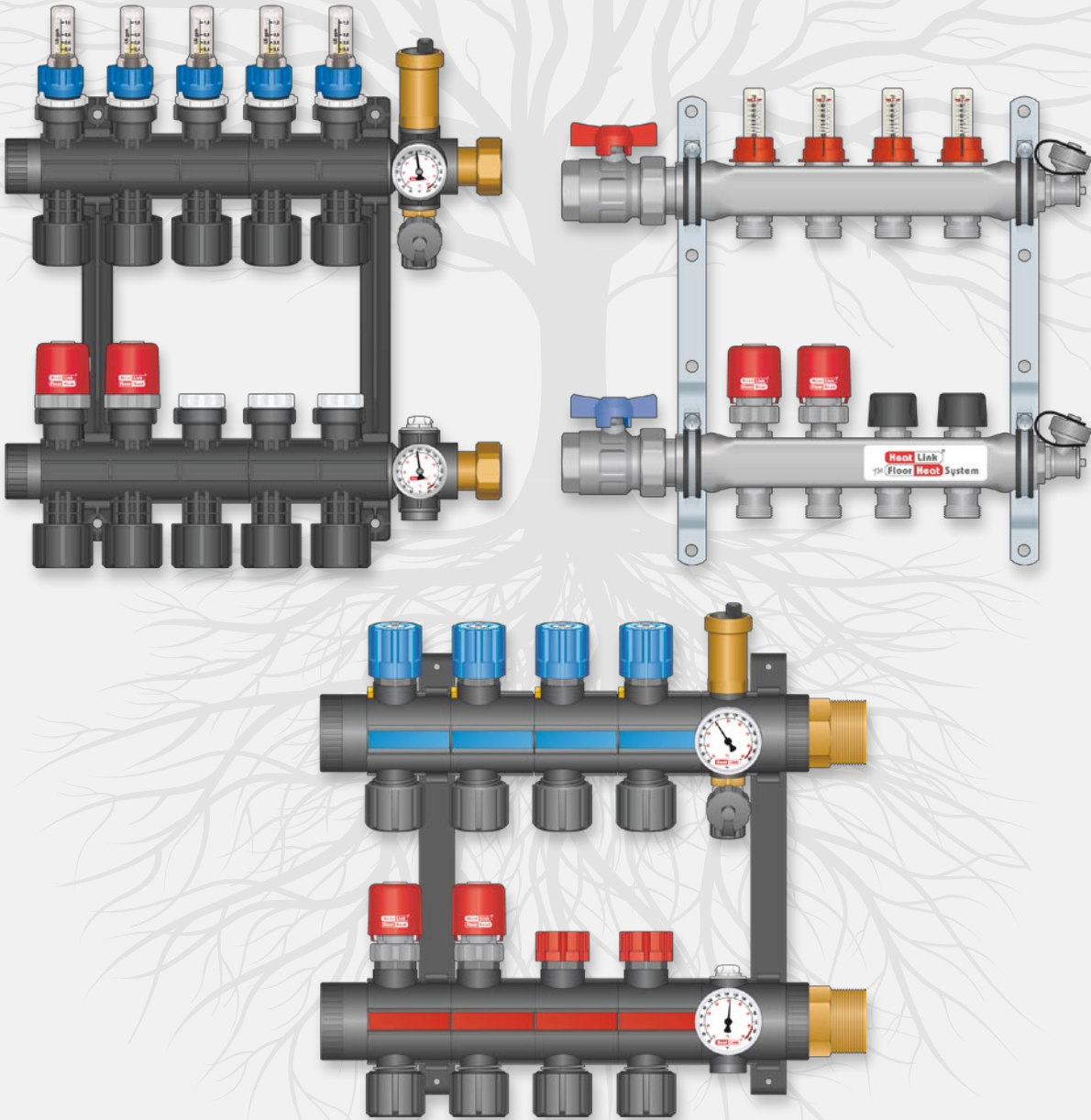
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Heat Link®
Manifold Family

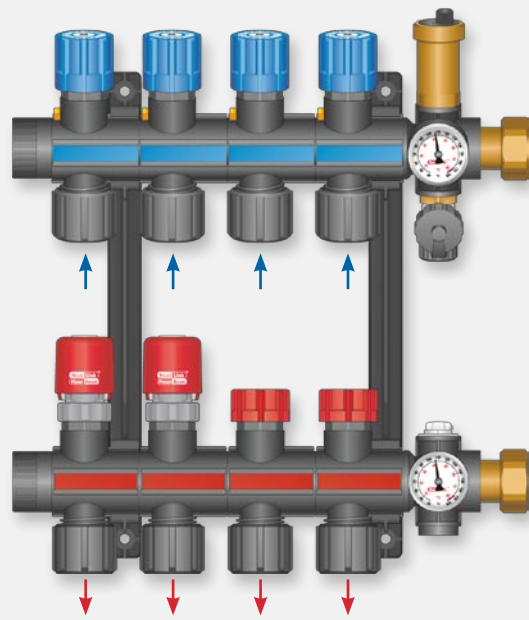


Modular Manifolds

Common 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" pipe to manifold connectors available.
- Test rated to over 230 PSI @ 180°F water temperature.
- **5 year limited warranty.**

TwistSeal® Mini 40mm Series



(794200 assembly kit shown with 4x 78200 module pairs and 2 actuators)

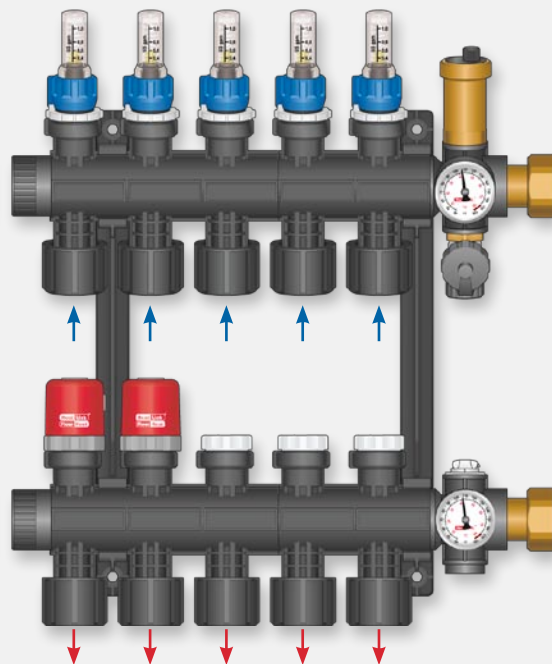
78200 Module Specific Features:

- Balancing return
- Zone valve supply with manual shut-off; accepts optional 56200 actuators, 56230 actuators with endswitch, or 56121 DDC actuators.

Typical Applications:

- residential
- small commercial

TwistSeal® Mini Multiport Series



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

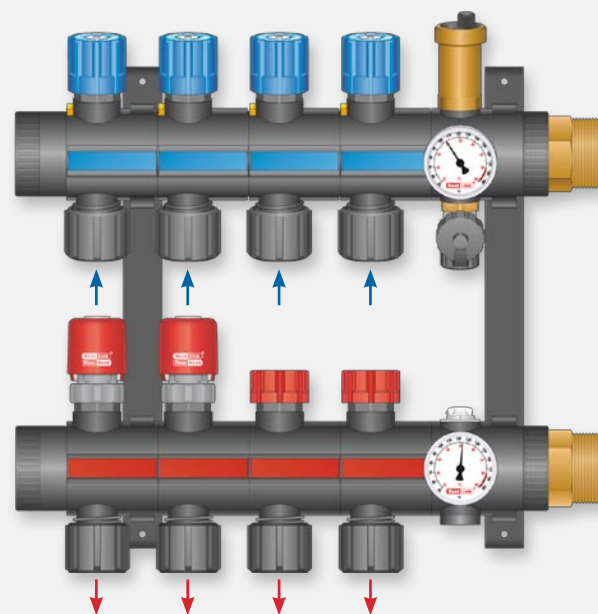
7830x Module Specific Features:

- 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 56202 actuators or 56232 actuators with endswitch.

Typical Applications:

- residential
- small commercial

TwistSeal® 55mm Series



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

Model Specific Features:

- balancing return
- zone valve supply with manual shut-off; accepts optional 56200 actuators, 56230 actuators with endswitch, or 56121 DDC actuators.

Typical Applications:

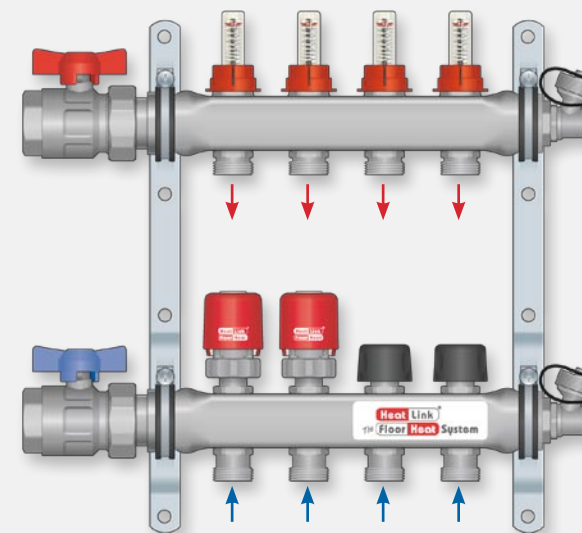
- commercial
- snow melting

Stainless Steel Manifolds

Common Features:

- Preassembled configurations from 2 to 12 loops.
- Integrated 1" FIP isolation valves and hosebibs.
- Zone valve return balancing with manual shut-off; accepts optional 56201 actuators, 56231 actuators with endswitch, or 56121 DDC actuators.
- 1/2", 5/8", and 3/4" pipe to manifold connectors available.
- **18 month limited warranty.**

76100 Series



(76104 - 4 port model shown with 2 actuators)

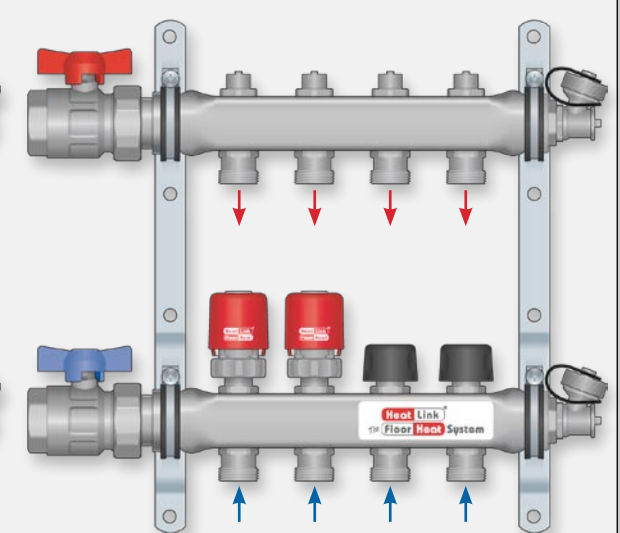
Model Specific Features:

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

Typical Applications:

- residential
- small commercial

76200 Series



(76204 - 4 port model shown with 2 actuators)

Model Specific Features:

- Balancing supply.

Typical Applications:

- commercial
- snow melting

Accessories:

- 76940 Strap-on Thermometer

