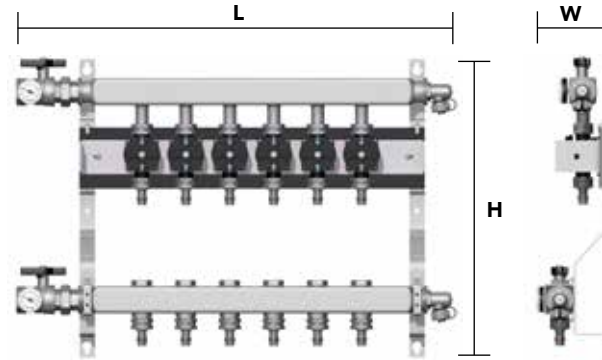


Cross® Stainless Steel Manifold Technical Info

Manifold Valve Assembly Specification/Features

Manifold Material	ANSI 304 Stainless
Manifold Dimension	1 ¼"
Valve Connection	1" NPT (BSP)
Circuit Spacing	2 5/32" (55mm)
Circuit Connection	Various
Circuit Valve Material	Zytel HTN / PTFE
Various O-ring Seals	EPDM
Max. Manifold Flow Rate	18 GPM
Max. Circuit Flow Rate	2.5 GPM
Valve CV	2.9
Max. Operating Pressure	100 PSI
Max. Operating Temperature	180 F° / 82 C°
Circuit Flow Meter / Balancing valve	Optional
Isolation Valves W / temperature Gauges	Integral
End Cap Purge Assembly	Integral



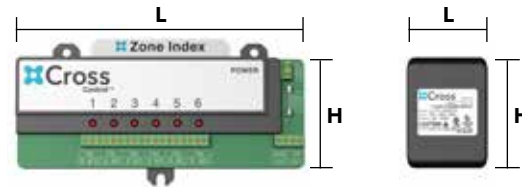
Manifold Valve Assembly Dimensions

Circuits	L	W	H
Cross 4	18 5/8" (474mm)	3" (76mm)	15 3/4" (400mm)
Cross 6	23" (584mm)	3" (76mm)	15 3/4" (400mm)
Cross 8	27 5/8" (703mm)	3" (76mm)	15 3/4" (400mm)
Cross 10	31 5/8" (804mm)	3" (76mm)	15 3/4" (400mm)
Cross 12	36" (914mm)	3" (76mm)	15 3/4" (400mm)

Control/Actuator Specifications (Control Thermostat Terminal / Transformer / Actuator)

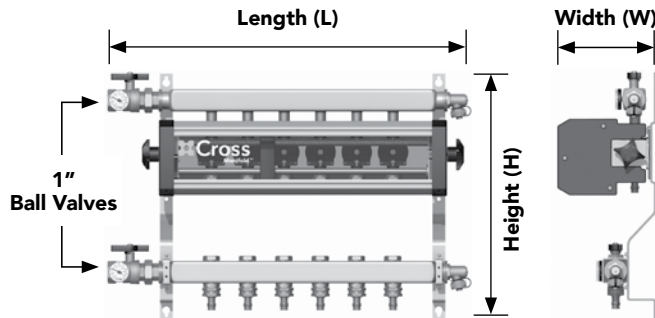
Control / Actuator Specifications (Control Thermostat Terminal / Transformer / Actuator)

Control / Actuator Assembly	RoHS Compliant
Transformer	Output 24V-20VA North America Continental Europe UK Input 120V - 60Hz 30W Input 230-240V AC 50Hz Input 230-240V AC 50Hz
Fuse	1.5A
Thermostat Wire Size	18 GA
Green LED	Power indicator (LED will not light until Actuator assembly is Connect to Cross Control)
Red LED	Indicates Circuits calling for heat
SW out	N/O dry contact for boiler (TT) terminals
24VAC	Optional 24V Relay



Manifold Valve Assembly W / Actuator Dimensions

Circuits	L	W	H
Cross 4	18 5/8" (474mm)	6" (152mm)	15 3/4" (400mm)
Cross 6	23" (584mm)	6" (152mm)	15 3/4" (400mm)
Cross 8	27 5/8" (703mm)	6" (152mm)	15 3/4" (400mm)
Cross 10	31 5/8" (804mm)	6" (152mm)	15 3/4" (400mm)
Cross 12	36" (914mm)	6" (152mm)	15 3/4" (400mm)
Cross Control	8 1/2" (216mm)	1 1/4" (32mm)	3 1/2" (89mm)
Transformer	3" (76mm)	2" (50mm)	1 3/4" (445mm)



Intelligent. Simple. Complete.

EMAIL info@crossmanifold.com
 [crossmanifoldsystem](https://www.instagram.com/crossmanifoldsystem)

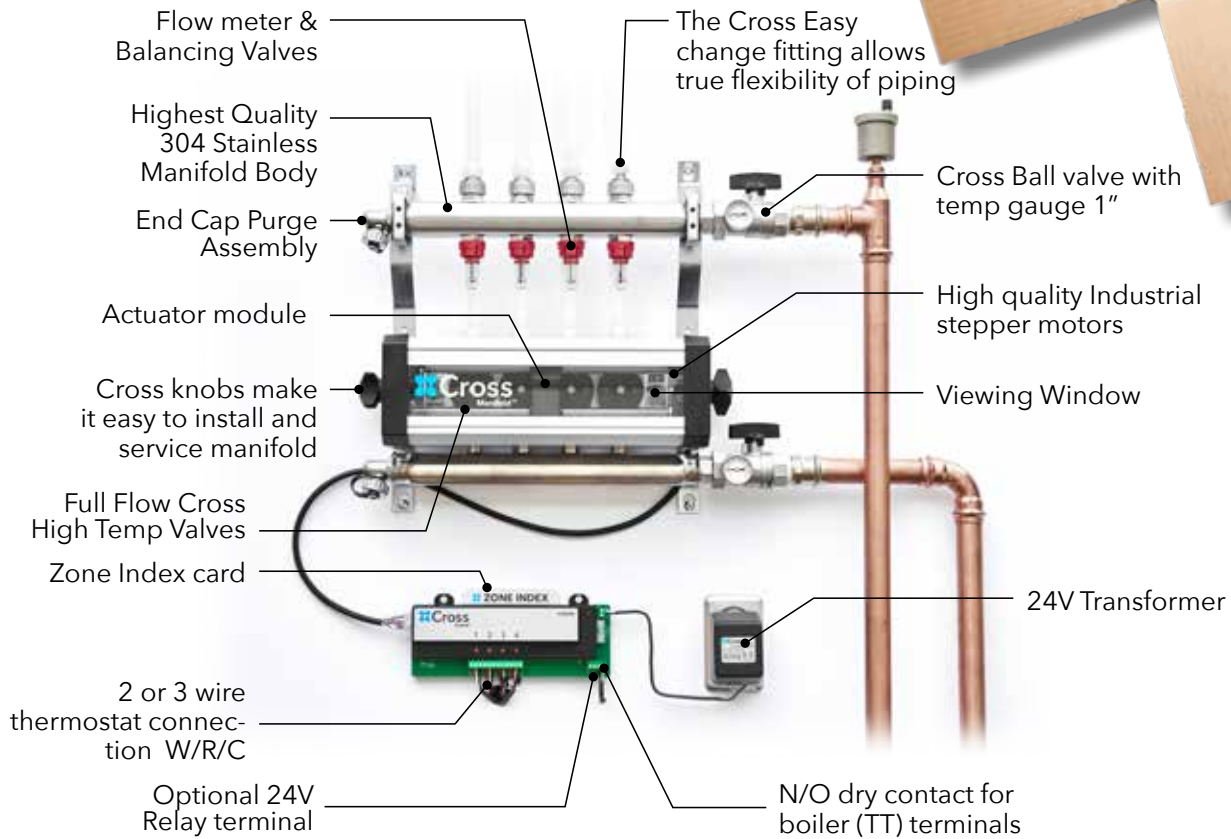
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Patented Technology

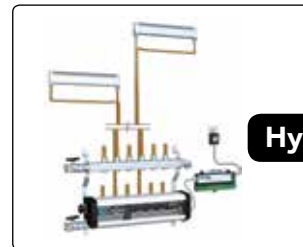
Advantage

- Plug and Play Quick and easy installation
- Corrosion Resistant
- Non-metallic High temperature Corrosion resistant valves
- Energy efficient technology: Electricity is only used for a few seconds when opening and closing valves
- Single actuator energized only to open or close
- Full flow valves
- Never change a zone valve motor or actuator again
- Stainless steel 304 manifold body

Product Overview



Radiant Systems

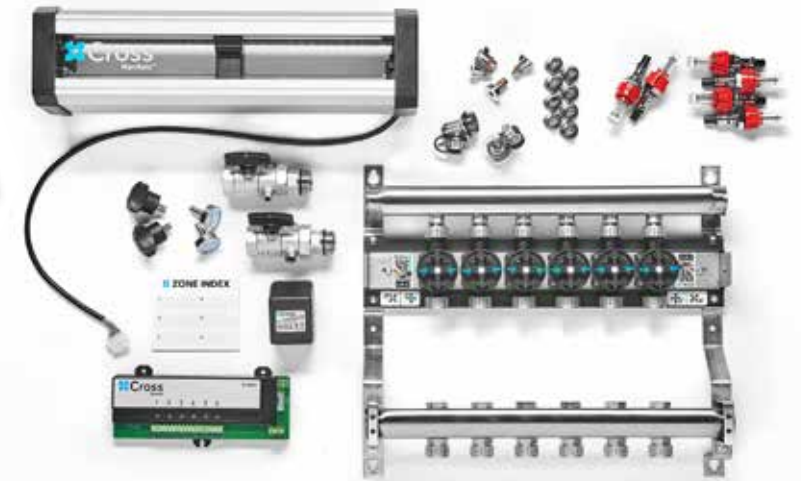


Hydronic Systems

Cross® Manifold comes complete

Complete manifold system in a box (manifold, ball valves, temperature gauges, bleed valves, control, power supply).

Fittings available for various sizes Pex/Pex-Al-Pex/Copper. Flow meter balancing valves added when needed.



Cross® Manifold Recessed Mounting Bracket Kit



Visit crossmanifold.com for fitting and accessory list and installation guides.