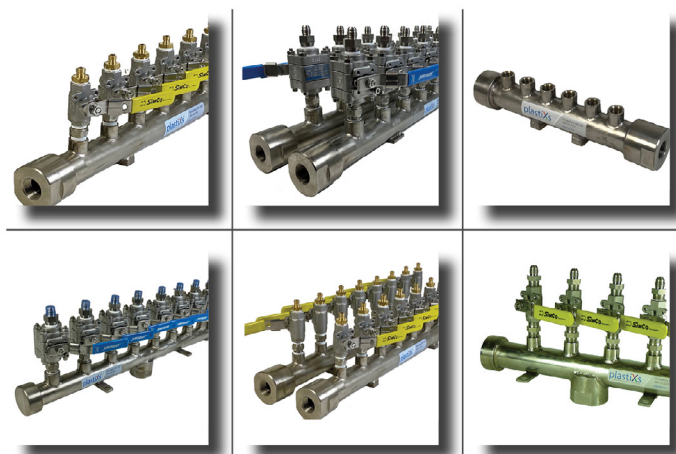


HiTemp & Xtreme HiTemp

Water Manifold Assemblies for High Temperature Applications



Features

- All **stainless steel** construction reduces corrosion
- **Mounts directly** onto water unit or can be remotely connected
- Available in **single manifold** and **parallel pair** manifolds
- Supports temperatures and pressure up to **400°F, 250 psi (HiTemp)** and **450°F, 680 psi (Xtreme HiTemp)**
- **JIC connections** provide leak free assembly
- **Shut-off valves** with locking handles for added safety
- **Configurable**, compact, ready-to-install design
- Ideal for **injection molding applications**

Description

Finding a safe and effective way to distribute high temperature process water can be a challenge. Higher temperatures can anneal aluminum manifolds eventually causing leaks, and the higher pressures exceed the ratings of many conventional stainless steel manifolds. Plastixs has designed the HiTemp and Xtreme HiTemp Manifold Systems to meet the unique demands of higher temperature processing where reliability, durability and flexibility are of key importance. Corrosion resistant stainless steel components are integrated to create a flow management system suitable for a wide range of process applications operating at higher temperatures and pressures.

Providing solutions for successful fluid handling has been the foundation of our business for years. We understand the challenges you face. HiTemp will help you handle the heat.



HiTemp

Built to handle the heat.

The Plastixs HiTemp Manifold Assemblies includes:

- HTC/HTE/HTP Series 304 stainless steel manifolds
- 3/8" JIC (M) to 3/8" NPT (M) 316 stainless steel adapter installed in each port
- 3/8" NPT 316 stainless steel full port ball valves/shut-off valves with locking handles installed in each port

HTE Series HiTemp Manifold Assembly (end inlet)



Manifold Specifications	Item# PLX-HTE4-A1	Item# PLX-HTE6-A1	Item# PLX-HTE8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	4	6	8
Overall Length	16"	20-15/16"	26-1/8"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)

HTC Series HiTemp Manifold Assembly (center inlet)



Manifold Specifications	Item# PLX-HTC4-A1	Item# PLX-HTC6-A1	Item# PLX-HTC8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	4	6	8
Overall Length	12-7/8"	17-3/8"	23-7/8"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)

HTP Series HiTemp Parallel Pair Manifold Assembly



Manifold Specifications	Item# PLX-HTP8-A1	Item# PLX-HTP12-A1	Item# PLX-HTP16-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	3/8" NPT	3/8" NPT	3/8" NPT
No. of Ports	(2) 4 (8 Total)	(2) 6 (12 Total)	(2) 8 (16 Total)
Overall Length	14-1/2"	18"	23"
Rated Working Pressure	250 PSI	250 PSI	250 PSI
Max Temperature Rating	400°F (204°C)	400°F (204°C)	400°F (204°C)

Xtreme HiTemp

Built to handle the heat.

The Plastixs Xtreme HiTemp Manifold Assemblies includes:

- XTE/XTC/XTP Series 304 stainless steel manifolds
- 3/8" JIC (M) to 1/2" NPT (M) 316 stainless steel adapters installed in each port
- 1/2" NPT 316 stainless steel full port ball valves/shut-off valves with locking handles installed in each port

XTE Series Xtreme HiTemp Manifold Assembly (end inlet)



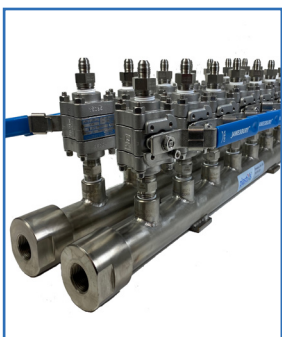
Manifold Specifications	Item# PLX-XTE4-A1	Item# PLX-XTE6-A1	Item# PLX-HTE8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	4	6	8
Overall Length	14-1/2"	20-1/2"	26-1/2"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)

XTC Series Xtreme HiTemp Manifold Assembly (center inlet)



Manifold Specifications	Item# PLX-XTC4-A1	Item# PLX-XTC6-A1	Item# PLX-HTC8-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	4	6	8
Overall Length	13-7/8"	19-7/8"	25-7/8"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)

XTP Series Xtreme HiTemp Parallel Pair Manifold Assembly



Manifold Specifications	Item# PLX-XTP8-A1	Item# PLX-XTP12-A1	Item# PLX-HTP16-A1
Inlet Size	3/4" NPT	3/4" NPT	3/4" NPT
Port Size	1/2" NPT	1/2" NPT	1/2" NPT
No. of Ports	(2) 4 (Total 8)	(2) 6 (Total 12)	(2) 8 (Total 16)
Overall Length	14-1/2"	20-1/2"	26-1/2"
Rated Working Pressure	680 PSI	680 PSI	680 PSI
Max Temperature Rating	450°F (232°C)	450°F (232°C)	450°F (232°C)