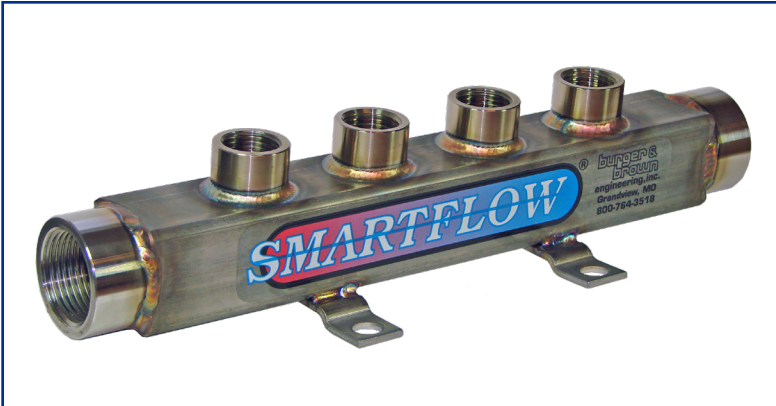




Stainless Steel Manifolds with Conventional Ports



General Description

Smartflow stainless steel manifolds are formed and welded from 304 stainless steel. The manifolds are 100% leak tested for quality assurance before shipping.

Smartflow stainless steel manifolds are excellent for high-flow applications where chemical compatibility and corrosion-resistance are important. Manifold bodies are made from 1-1/2" or 2" square tube to allow maximum flow. Custom modifications are easily handled to provide the exact configuration you need.

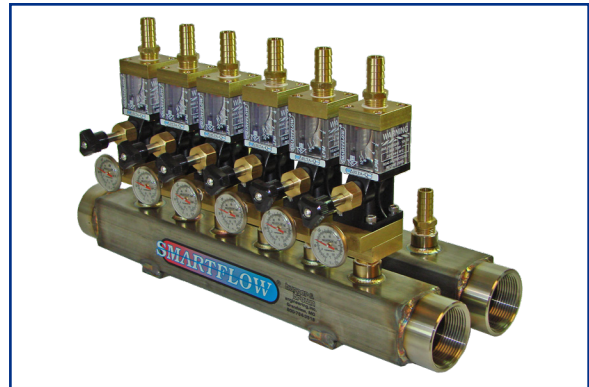
Model Number

	8	SS	- 16	- 2	- 2	- A
Supply Threads						Port Sizes
1"NPT	8					2 1/4"NPT
1"BSPP	8B					2B 1/4"BSPP
1-1/2"NPT	12					3 3/8"NPT
1-1/2"BSPP	12B					3B 3/8"BSPP
						4 1/2"NPT
						4B 1/2"BSPP
Manifold Styles						6 *3/4"NPT
Single		SS				6B *3/4"BSPP
Parallel		PSS				
						*76.2mm/3.0" port spacing
			4	Total Number of Ports		
			to 32			

Design and specifications are subject to change without notice. See page 19 for manifold testing and use.

Specifications

Material..... 304 Stainless Steel
 Temperature Rating..... up to 250°F (121°C)
Maximum Working Pressure Ratings
 Gas (air, inert gas)..... 125 psi
 Liquid (oil, water, benign fluids)..... 250 psi



Assembly

Smartflow stainless steel manifolds are the platform for control of cooling water lines in many types of industrial process cooling. Flowmeters, Flow Regulators, Ball Valves, Quick Disconnect Fittings and more can be added to the manifolds to improve functionality and process control. See page 12 for ordering information.

Flowmeters and flow regulators are customarily assembled onto one side of parallel manifolds with flow direction into the return side of the manifold.

Manifold Builder

On-Line Part Number Specification Assistance

3D Native CAD files for manifolds and assemblies are available for download 24/7 at

www.manifoldbuilder.com

Contact your distributor for custom manifolds.

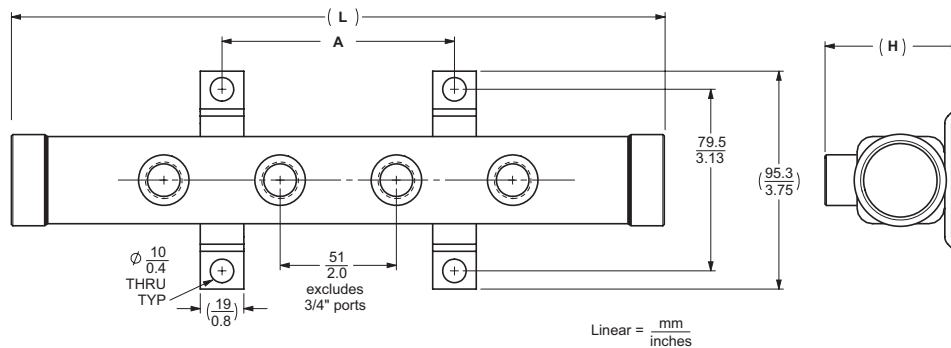
SMARTFLOW[®] Stainless Steel Manifolds with Conventional Ports

Model Numbers and Dimensions (3/8" & 1/2" ports only)

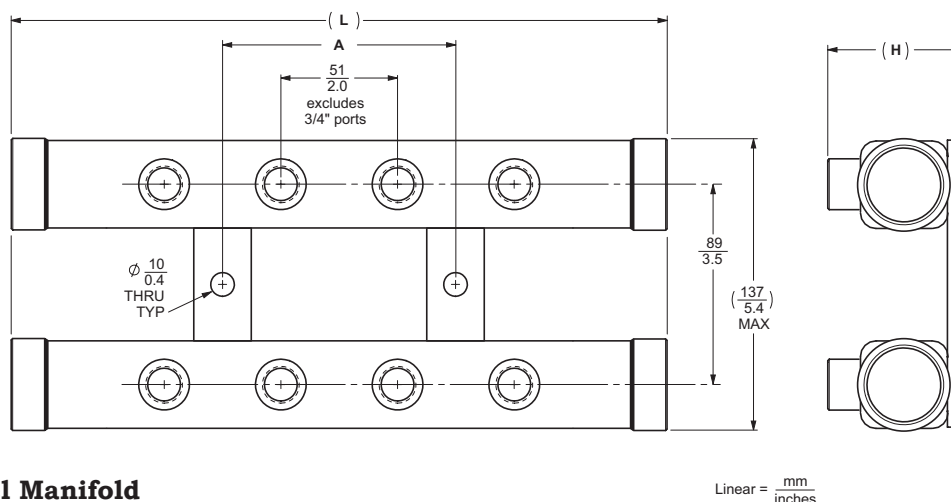
	Single Manifolds	Parallel Manifolds	Dimension A	Dimension L	Dimension H
1" Inlet	8SS - 4 - □ - 2 - A	8PSS - 8 - □ - 2 - A	102mm / 4"	295mm / 11.62"	64mm 2.5"max.
	8SS - 6 - □ - 2 - A	8PSS - 12 - □ - 2 - A	203mm / 8"	397mm / 15.62"	
	8SS - 8 - □ - 2 - A	8PSS - 16 - □ - 2 - A	305mm / 12"	498mm / 19.62"	
	8SS - 10 - □ - 2 - A	8PSS - 20 - □ - 2 - A	406mm / 16"	600mm / 23.62"	
	8SS - 12 - □ - 2 - A	8PSS - 24 - □ - 2 - A	508mm / 20"	702mm / 27.62"	
	8SS - 14 - □ - 2 - A	8PSS - 28 - □ - 2 - A	610mm / 24"	803mm / 31.62"	
	8SS - 16 - □ - 2 - A	8PSS - 32 - □ - 2 - A	711mm / 28"	905mm / 35.62"	
1-1/2" Inlet	12SS - 4 - □ - 2 - A	12PSS - 8 - □ - 2 - A	102mm / 4"	308mm / 12.13"	76mm 3"max.
	12SS - 6 - □ - 2 - A	12PSS - 12 - □ - 2 - A	203mm / 8"	410mm / 16.13"	
	12SS - 8 - □ - 2 - A	12PSS - 16 - □ - 2 - A	305mm / 12"	511mm / 20.13"	
	12SS - 10 - □ - 2 - A	12PSS - 20 - □ - 2 - A	406mm / 16"	613mm / 24.13"	
	12SS - 12 - □ - 2 - A	12PSS - 24 - □ - 2 - A	508mm / 20"	715mm / 28.13"	
	12SS - 14 - □ - 2 - A	12PSS - 28 - □ - 2 - A	610mm / 24"	816mm / 32.13"	
	12SS - 16 - □ - 2 - A	12PSS - 32 - □ - 2 - A	711mm / 28"	918mm / 36.13"	

□ = port thread size [3 = 3/8"NPT(F) or 4 = 1/2"NPT(F)]

3/4" ports require special consideration. Contact the factory for dimensions.



Single Manifold



Parallel Manifold

Dimensions shown are for manifolds with NPT threads only. Contact the factory for manifold dimensions with BSPP threads.