

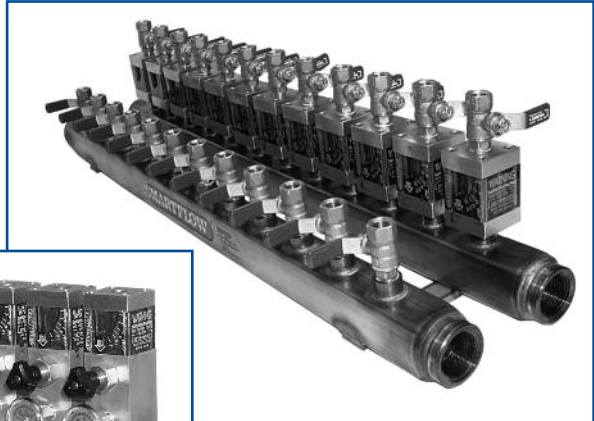
SMARTFLOW® Aluminum and Stainless Steel Manifold Assemblies

Assembly Specification

The Smartflow® manifold line is the platform to control and direct cooling water in many types of industrial process cooling. Flowmeters, Flow Regulators, Ball Valves, Quick Disconnect Fittings and more can be added to manifolds to improve functionality and process control. Individual cooling lines can be accurately controlled according to the demands of each circuit.

Parallel Stainless Steel Manifold Assemblies are built with flowmeters on one half of the manifold pair only. Contact the factory if alternate configuration is needed

Burger & Brown Engineering recommends placing flowmeters and regulators on the return side of the cooling loop for best performance.



Model Number

Manifold P/N	8SA - 8 - 3 - 2 - Y	-	F3-A-80	-	B3Q3	-	R
	Aluminum or Stainless Steel Manifold Model Number from Pages 4 - 11						Function R Return fluid flow entering the manifold (default) S Supply fluid flow exiting the manifold
	*Flowmeter/Regulator installed on each port of the manifold No additional flowmeter/regulator Mechanical Flowmeter Brass Flow Regulator Delta-Q Precision Flow Regulator Tracer Electronic Flowmeter Tracer® _{VM} Electronic Flowmeter		NA F FR F-Q DD VM		Connection Type Brass Valves and Fittings NA No additional valve or fitting B2 Ball Valve 1/4"NPT B3 Ball Valve 3/8"NPT B4 Ball Valve 1/2"NPT H2 Hose Barb 1/4"ID hose H3 Hose Barb 3/8"ID hose H4 Hose Barb 1/2"ID hose Q2 Quick Connect Plug 1/4"ID (200 Series) Q3 Quick Connect Plug 3/8"ID (300 Series) Q4 Quick Connect Plug 1/2"ID (500 Series)		
	*Consult Flowmeter Catalog Form #189						

ManifoldBuilder

On-Line Part Number Specification Assistance

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