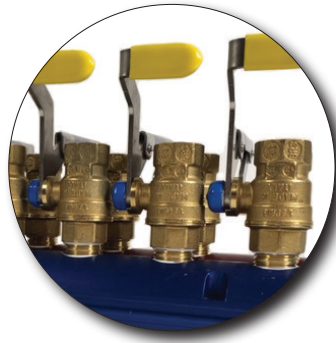


# LinkedXValve™

(US Patent 10,160,149 B2)



## DESCRIPTION:

LinkedXValve™ is a valve linkage system manufactured by Plastixs LLC. The LinkedXValve™ allows a single lever to operate both mold cooling supply and return lines simultaneously. It can be installed onto standard manifolds and brass ball valves giving the manifolds reduced foot print and increased efficiency. Currently available for use on both 1" and 1-1/2" SMARTFLOW® aluminum manifolds and Plastixs 1" and 1-1/2" compact stainless steel manifolds.

## WHAT'S NEW:

Operators can actuate supply and return valves from a single side of the manifold assembly. This allows the manifold assembly to be mounted with a small foot print. This is important for keeping the manifold near the mold for best efficiency. On large cooling manifold installations, it can ensure the set-up person is shutting off the back row of valves that are often blocked by hoses, therefore preventing spills and lost production time.

## BENEFITS:

Faster mold changes with fewer chances of error or downtime. They can help standardization of cooling hose set-ups and ensure both supply and return valves are open. Prevention of accidental spills by blocking set-up personnel's access to the quick connect coupler when the valves are opened, also giving a visual indication to close the valves before coupler removal.

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# ALUMINUM



## Manifold Assemblies

with **LinkedXValve™** control

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1" and 1-1/2" Aluminum Manifold assemblies with (8,12,16,24 or 32 total) ports and LinkedXValve™ control. A supply and return manifold side-by-side each with 4,6,8,12 or 16 ports per side and having 1" or 1-1/2" NPT (F) inlets on each end. Each manifold is assembled with:

- Qty. 8,12,16,24 or 32 (total): full port brass valve installed on each port.
- Qty. 4,6,8,12 or 16 (total): Plastixs LinkedXValve™ control. Allowing the operation of both supply and return valves with a single lever.
- Qty: 8,12,16,24 or 32 (total): 300 Series Male Quick Disconnect plug installed in each valve.

PART Number:	Inlet Size (NPT)	Total # of Ports	Port Size (NPT)	Manifold Type	LinkedXValve™ Controls	Qty of 300 Series Quick Disconnect Plugs
8SA-8-LVH3	1"	8	3/8"	Aluminum	4	8
8SA-12-LVH3	1"	12		Aluminum	6	12
8SA-16-LVH3	1"	16		Aluminum	8	16
8SA-24-LVH3	1"	24		Aluminum	12	24
12SA-12-LVH3	1-1/2"	12	1/2"	Aluminum	6	12
12SA-16-LVH3	1-1/2"	16		Aluminum	8	16
12SA-24-LVH3	1-1/2"	24		Aluminum	12	24
12SA-32-LVH3	1-1/2"	32		Aluminum	16	32

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