



A Direct Connection. Specially designed to bolt directly together, the new Honeywell V5097 saves assembly time and cost.

How to cut your valve train assembly costs.

Phase 1: Direct connecting gas valves

Your costs are high enough. Your profit margins low enough. When a supplier tells you they provide added value, they better back it up — with dollars. One company has devoted substantial research and development to improving your financial performance. Their goal — take the total costs of assembling a complete valve train and reduce it while maintaining or improving the quality.

And the first place to start is with the gas valve.

Introducing Honeywell's new V5097 Fluid Power Gas Valve Series. Designed for safety shutoff applications, these new valves are used on boilers, furnaces, ovens, kilns, rooftop units and other natural or LP gas combustion equipment.

What's new about these fluid power valves is the way they're designed to save you money. Their die-cast aluminum bodies simply bolt together—directly. Connecting up and downstream piping is done using pre-tapped pipe adapters. Valve bodies are also pre-tapped for direct connection of high and low gas pressure safety switches.

The net result is that cut-and-thread piping operations are reduced significantly, providing opportunity for a sizeable reduction in valve train assembly costs.

Lower inventory costs, too. Because of this unique design concept, only ten models and a handful of pipe adapters are required to cover most every application from 3/4-inch to 3-inch pipe sizes. With the number of valve models reduced from more than 30, your acquisition and inventory costs could be cut substantially.

Unmatched quality. The V5097 Valves use the proven V5055 bonnets to provide high levels of safety and the same application capabilities. Valve flow characteristics are the same as with today's valves. Furthermore, the new valves are compatible with our proven line of V4055, V4062 and V9055 actuators.

Honeywell is leading the industry toward solutions that give you boundless flexibility to expand and grow as needs change. It's all part of a steady flow of technology and innovation that improves building performance. When you choose Honeywell, that's the way it should be. Comfort from Experience™.

Coming soon

Phase 2: Putting it together

SPECIFICATIONS

Models: V5097A, normally closed, on/off operation

V5097B, normally closed, on/off characterized guide operation

V5097C, normally closed, on/off operation with proof of closure

V5097D, normally closed, on/off operation for high pressure systems

V5097E, normally closed, on/off operation with proof of closure for high pressure systems

V5097 MODELS

MODEL	PIPE SIZE	APPLICATIONS	PIPE ADAPTER	MAX OPER DIFF PRESS		MAX CLOSE OFF PRESS.		INTERNATIONAL APPROVAL SERVICES CAPACITY		
				PSI	KPA	PSI	KPA			
V5097A1004	SMALL BODY 3/4, 1, 1 1/4 1 1/2, 2" NPT	Low pressure On-Off (with quick-opening guide)	32000109-001 3/4" NPT 32000109-002 1" NPT	5	34.5	15	103.4	665cfh - 3620cfh		
V5097B1002		Low pressure characterized guide (provides slowly increasing gas flow on opening).	32000109-003 1 1/4" NPT 32000109-004 1 1/2" NPT 32000109-005 2" NPT							
V5097C1000		Low pressure. Double seat (use with actuators having valve seal over travel interlock).								
V5097D1008		High pressure On-Off (with quick opening guide).							75	517.1
V5097E1005		High pressure. Double seat (use with actuators having valve seal over travel interlock).								
V5097A1012	LARGE BODY 2, 2 1/2, 3" NPT	Low pressure On-Off (with quick opening guide).	32001605-001 2"NPT 32001605-002 2 1/2" NPT 32001605-003 3" NPT	5	34.5	15	103.4	3620cfh - 5230cfh		
V5097B1010		Low pressure. Characterized guide provides slowly increasing gas flow on opening).								
V5097C1018		Low pressure. Double seat (use with actuators having valve seal over travel interlock).								
V5097D1016		High pressure On-Off (with quick opening guide).							45	517.1
V5097E1013		High pressure. Double seat (use with actuators having valve seal over travel interlock).								

INTERNATIONAL MODELS ALSO AVAILABLE.

Gas Type: Natural, manufactured mixed and LP gas

Body Material: Die-cast aluminum

Ambient Temperature: -40°F to 140°F (-40°C to 60°C)

Accessories: adapter to enable easy installation of vent valves

Approvals: UL Listed, FM Approved, IRI Acceptable, IAS (AGA/CGA) Design Certified, CSA Approved, CSD-1 Acceptable

Honeywell

Home and Building Control
Honeywell Inc.
1985 Douglas Drive North
Golden Valley, MN 55422

Home and Building Control
Honeywell Limited
155 Gordon Baker Road
North York, Ontario M2H 3N7

