



**Buy from Honeywell. The smart choice.** Many manufacturers think so, too, and that's why you'll find Honeywell SmartValve™ controls on equipment ranging from furnaces, boilers and roof tops to infrared heaters, cooking units and much more. Smarter still is having universal application that makes it easy to replace a wide variety of models without carrying a huge standard inventory. With Honeywell Smart-Valves, you'll save time and reduce your inventory.

# Universal SmartValve™ Family

One unit does it all. Honeywell Universal SmartValve™ System Controls combine gas flow control and electronic sequencing into a single unit.

## Universal Application

Honeywell SmartValves reduce your inventory by easily replacing more than 70 different models, so you'll always be ready for easy field replacement in just about any gas-fired appliance. From central furnaces, residential boilers and rooftop furnaces to unit heaters and commercial cooking

appliances, Universal SmartValve System Controls have you covered.

## Honeywell Reliability

Dependability has been a Honeywell trait since day one, and the SV9501M continues that tradition. Honeywell is solidly focused on providing replacements for the installed base.

## Specifications

- Flame Sense: Electrode
- Ignition Trials To Lockout: Continuous retry
- Body Pattern: Straight-through

- Electrical Ratings: 24 Vac/60 Hz; 50Hz
- Flame Failure Response Time (sec): 1.6 sec @ 3 µA
- Pressure Ratings: 1/2 psi/3.45 kPa
- Maximum Capacity: SV95 Series 200 ft 3/hr, SV96 Series 300 ft 3/hr
- Capacity at 1" P.D: 150 ft3/hr, 0.6 m3/hr
- Capacity at 1" P.D: 20 ft3/hr, 5.7 m3/hr
- Typical Ignition Hardware: Q3450
- Q3950, Norton 271 or Norton 601 depending on ignition

## Smart Valves

Ignition / Application	Universal Service Part	Gas Type	Opening Characteristics	Ambient Temperature Range	Includes			Replaces		
					Natural to LP Conversion Kit	3/4" x 1/2" Reducer Bushings	Extension Harness			
HSI / Hot Water Heaters	SV9570A2518	Natural	Standard Opening	0F to 150F	No	None	No	SV9570A2054, SV9570A2070, SV9570A2096, SV9570A2161		
	SV9570A2526	LP						SV9570A2062, SV9570A2088, SV9570A2187, SV9570A2179		
intermittent HSI Pilot with Combustion Air Control and Limit Monitoring	SV9541Q2561	Natural	2-Stage	-40 F to +175 F (-40 C to +79 C)	No	None	No	SV9540Q2464, SV9541Q3098		
	SV9641M4510	Natural	Standard Opening		Yes	Two		SV9541M2094, SV9540M2229, SV9540M2260, SV9640M4116, SV9640M4124, SV9540M2278, SV9540M2245, SV9640M3126, SV9640M4132		
Direct Ignition	SV9510M2511	Natural	Standard Opening	-40 F to +175 F (-40 C to +79 C)	Yes	None	No	SV9510M2347, SV9510M2362, SV9410M2902, SV9510M2412, SV9510M2354, SV9410M2910, SV9510M2388, SV9510M2420		
	SV9520M2536	Natural	Slow Opening	-40 F to +175 F (-40 C to +79 C)				SV9420M2331, SV9520M2403, SV9420M2323		
	SV9510K2539	Natural		-40 F to +175 F (-40 C to +79 C)				SV9510H2228, SV9510K2133, SV9510K2158, SV9510K2141, SV9510K2166		
	SV9520H8513	Natural	Fast-Slow Opening	0 F to 175 F (-18 C to +79 C)				SV9520H8042, SV9520H8034, SV9520H8067, SV9520H8026		
Intermittent HSI Pilot	SV9601M4571	Natural	Standard Opening	-40 F to +175 F (-40 C to +79 C)	Yes	None	No	SV9501M2080, SV9601M4167, SV9601M3003, SV9601M4225		
	SV9501M2528							SV9501M2056, SV9501M2718, SV9501M2726, SV9501M2031, SV9501M2049, SV9501M2239, SV9501M2700, SV9501M2734, SV9501M2742, SV9501M2064		
	SV9501M8129		Fast-Fast	0 F to 175 F (-18 C to +79 C)			SV9501M8103			
	SV9502H2522		Slow Opening				SV9501H3415, SV9501H2417, SV9501H2409, SV9502H1706, SV9502H2704, SV9501H3423, SV9501H2425			
	SV9602P4816		Step Opening	-40 F to +175 F (-40 C to +79 C)			None	Two	Yes	SV9501P2004, SV9601P4107, SV9501P2053, SV9502P2101, SV9602P4105
	SV9602P4824									SV9501P2087, SV9601P4172, SV9502P2127, SV9602P4121
	SV9602P4832									SV9501P2020, SV9501P2046, SV9601P4149, SV9601P4164, SV9502P2119, SV9502P2135, SV9602P4113, SV9602P4139
	SV9602P4840									SV9601P4115

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## Learn More

For more information about Honeywell Universal SmartValve System Controls, contact your Honeywell distributor, call 1-800-345-6770, ext. 423 or visit [customer.honeywell.com](http://customer.honeywell.com).



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63-9414  
July 2006  
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