

resideo



## UNIVERSAL SMARTVALVE™ FAMILY

Buy from Resideo. The smart choice.

Many manufacturers think so, too, and that's why you'll find Resideo 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 Resideo SmartValves, you'll save time and reduce your inventory.



# Universal SmartValve™ Family

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

## UNIVERSAL APPLICATION

Resideo 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 gasfired appliance. From central furnaces, residential boilers and rooftop furnaces to unit heaters and commercial cooking appliances, Universal SmartValve System Controls have you covered.

## RESIDEO RELIABILITY

Dependability has been a Resideo trait since day one, and the SV9501M continues that tradition. Resideo 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<sup>3</sup>/hr, SV96 Series 300 ft<sup>3</sup>/hr
- Capacity at 1" P.D: 150 ft<sup>3</sup>/hr, 0.6 m<sup>3</sup>/hr
- Capacity at 1" P.D: 20 ft<sup>3</sup>/hr, 5.7 m<sup>3</sup>/hr
- Typical Ignition Hardware: Q3450
- Q3950, Norton 271 or Norton 601, depending on ignition

## Smart Valves

SPECIFICATIONS					CROSS-REFERENCE				
Ignition / Application	Universal Service Part	Gas Type	Opening Characteristics	Ambient Temperature Range (Degrees)	Includes			Replaces	
					Natural to LP Conversion Kit	3/4" x 1/2" Reducer Bushings	Extension Harness		
HSI / Hot Water Heaters	SV9570A2518	Natural	Standard Opening	0 F to 150 F	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						SV9420M2331, SV9520M2403, SV9420M2323	
	SV9510K2539	Natural	Slow Opening	-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					SV9501M8103	
	SV9502H2522		Slow Opening	0 F to 175 F (-18 C to +79 C)				Yes	SV9501H3415, SV9501H2417, SV9501H2409, SV9502H1706, SV9502H2704, SV9501H3423, SV9501H2425
	SV9602P4816								SV9501P2004, SV9601P4107, SV9501P2053, SV9502P2101, SV9602P4105
	SV9602P4824								SV9501P2087, SV9601P4172, SV9502P2127, SV9602P4121
	SV9602P4832		Step Opening	-40 F to +175 F (-40 C to +79 C)				None	Two
	SV9602P4840						SV9601P4115		



### Resideo Technologies, Inc.

1985 Douglas Drive North  
Golden Valley, MN 55422  
1-800-468-1502  
resideo.com

### For more information

resideo.com/pro