

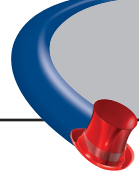
Combustion valves are for the control of combustible gases and fuel oil as listed.

- Two way (2/2) Normally Closed (Shut-Off) and Normally Open (Vent) operations
- Three way (3/2) Normally Closed (pressure to cylinder port when energized) operation
- Solenoid operated (electrically), Cable operated (mechanical operation for range hoods), Manual Reset (conjunction of solenoid and manual operation), Electro-Hydraulically operated (electric motor using hydraulic pumps for operation)
- Size range of 1/8" to 3"



### Combustion 2/2 NC/NO/Manual Reset 1/8" - 3"

Pipe Size (ins.)	Orifice (ins.)	Cv Flow	Gas Capacity		Operating Pressure (psi)		Max. Fluid Temp. °F	Valve Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals			Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)
			Btu/Hr	Min.	Max. Fuel Gas	UL								FM	CSA				
<b>2/2 Normally Closed</b>																			
1/8	5/16	1	53,700	0	15	125	8040H006	AL	NBR	120/60,110/50	<b>21183</b>	6.1	UL	●	●	318247	238210-032-D*	1.8	
1/4	9/32	0.96	51,700	0	10	125	8262G078	BR	NBR	120/60,110/50	<b>20440</b>	10.1	UL	●	●	306631	238610-032-D*	2.4	
			74,700	0	45	125	8262G210B	BR	NBR	120/60,110/50	<b>21098</b>	10.1	UL	●	●	304088	238610-032-D*		
3/8	5/16	1.1	59,000	0	15	125	8040H007	AL	NBR	120/60,110/50	<b>21184</b>	6.1	UL	●	●	318247	238210-032-D*	1.8	
	5/16	1.2	64,400	0	15	125	8040H008	AL	NBR	120/60,110/50	<b>21185</b>	6.1	UL	●	●	318247	238210-032-D*		
3/8	5/8	2.8	150,000	0	50	125	8210G074	BR	NBR	120/60,110/50	<b>20198</b>	10.1	UL	●	●	304076	238610-032-D*	3.2	
	3/4	3.4	183,000	0	5	125	8214G010	AL	NBR	120/60,110/50	<b>21046</b>	17.1	UL	●	●	316233	238610-132-D*	2.0	
1/2	5/8	3.6	193,000	0	50	125	8210G075	BR	NBR	120/60,110/50	<b>20199</b>	10.1	UL	●	●	304076	238610-032-D*	3.2	
			280,000	5	250	125	8210G106B	BR	NBR	120/60,110/50	<b>20279</b>	10.1	-	-	●	306632	238610-032-D*		
	3/4	4.4	238,500	0	5	125	8214G020	AL	NBR	120/60,110/50	<b>21047</b>	17.1	UL	●	●	316233	238610-132-D*	2.0	
			374,000	0	50	125	8215G020B	AL	NBR	120/60,110/50	<b>20291</b>	10.1	UL	●	●	304089	238610-032-D*	2.8	
3/4	5.1	5.1	291,000	0	2	125	8040G022	AL	NBR	120/60,110/50	<b>20030</b>	10.1	UL	●	●	306633	238610-032-D*		2.0
			247,500	0	5	125	8214G030	AL	NBR	120/60,110/50	<b>21048</b>	17.1	UL	●	●	316233	238610-132-D*		
	5.5	5.5	247,500	0	5	125	8214G030	AL	NBR	12/DC	<b>21383</b>	22.6	UL	●	●	316790	238710-104-D*	2.0	
			295,000	0	50	125	8210G076	BR	NBR	120/60,110/50	<b>20200</b>	10.1	UL	●	●	304076	238610-032-D*		
9.5	9.5	9.5	512,000	0	2	125	8040G023	AL	NBR	120/60,110/50	<b>20031</b>	10.1	UL	●	●	306633	238610-032-D*	2.8	
			24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60	24/60		24/60
1 1/8	1 1/8	11	580,000	0	5	125	JB8214035CSA	AL	NBR	120/60,110/50	<b>03151</b>	20.0	UL	●	●	316429	099257-005-D*	4.3	
			580,000	0	5	125	JB8214035CCSA	AL	NBR	120/60,110/50	<b>21337</b>					318303	099257-005-D*	4.8	
			580,000	0	5	125	JB8214035VICSA	AL	NBR	120/60,110/50	<b>21336</b>					318303	099257-005-D*	4.5	
1	1 1/8	16.8	900,000	0	0.5	125	8040C004CSA	AL	NBR	120/60,110/50	<b>00185</b>	15.4	UL	-	●	304079	099257-001-D*	4.3	
			900,000	0	0.5	125	JB8214050CSA	AL	NBR	120/60,110/50	<b>03152</b>	15.4	UL	-	●	304079	099257-001-D*		
			1,119,000	0	5	125	JB8214050CCSA	AL	NBR	120/60,110/50	<b>21297</b>	20.0	UL	●	●	318303	099257-005-D*	4.8	
			1,119,000	0	5	125	JB8214050VICSA	AL	NBR	120/60,110/50	<b>21292</b>	20.0	UL	●	●	318303	099257-005-D*		
1 1/4	1 1/8	19.6	1,100,000	0	0.5	125	8040C005CSA	AL	NBR	120/60,110/50	<b>00186</b>	15.4	UL	-	●	304079	099257-001-D*	4.3	
			1,730,000	0	5	125	8214060CSA	AL	NBR	12/DC	<b>21385</b>	14.9	UL	●	●	316777	062691-001-D*		
			1,730,000	0	5	125	JB8214060CSA	AL	NBR	120/60,110/50	<b>03153</b>	20.0	UL	●	●	316429	099257-005-D*	4.8	
			1,730,000	0	5	125	JB8214060CCSA	AL	NBR	120/60,110/50	<b>21298</b>	20.0	UL	●	●	318303	099257-005-D*		
1 1/2	1 1/8	55	1,900,000	0	5	125	JB8214070CSA	AL	NBR	120/60,110/50	<b>03154</b>	20.0	UL	●	●	316429	099257-005-D*	4.3	
			1,900,000	0	5	125	JB8214070VICSA	AL	NBR	120/60,110/50	<b>21294</b>					318303	099257-005-D*	4.5	
2	2 3/32	60	2,800,000	0	5	125	JB8214080CSA	AL	NBR	120/60,110/50	<b>03155</b>	20.0	UL	●	●	316430	099257-005-D*	6.3	
			2,800,000	0	5	125	JB8214080VICSA	AL	NBR	120/60,110/50	<b>21295</b>					318328	099257-005-D*	6.5	
2 1/2	3	104	5,765,500	0	5	125	JB8214090CSA	AL	NBR	120/60,110/50	<b>03156</b>	28.2	UL	●	●	316828	206409-011-D*	13.0	
3	3	105	5,796,000	0	5	125	JB8214040CSA	AL	NBR	120/60,110/50	<b>03157</b>	28.2	UL	●	●	316828	206409-011-D*	14.0	
<b>2/2 Normally Open</b>																			
1/2	3/4	4.4	206,250	0	5	125	8214G023	AL	NBR	120/60,110/50	<b>21050</b>	17.1	UL	-	●	316234	238610-132-D*	2.0	
3/4	3/4	5.1	247,500	0	5	125	8214G033	AL	NBR	120/60,110/50	<b>21051</b>	17.1	UL	-	●	316234	238610-132-D*		
			659,000	0	5	125	JB8214037CSA	AL	NBR	120/60,110/50	<b>03184</b>	20	UL	-	●	316728	099257-005-D*		
1	1 1/8	21	1,179,000	0	5	125	JB8214053CSA	AL	NBR	120/60,110/50	<b>03185</b>	20	UL	-	●	316728	099257-005-D*	4.3	
1 1/4	1 1/8	32	1,538,000	0	5	125	JB8214063CSA	AL	NBR	120/60,110/50	<b>03186</b>	20	UL	-	●	316728	099257-005-D*		
<b>2/2 Normally Closed Manual Reset (Free Handle)</b>																			
3/4	1 1/8	13	717,000	0	25	125	8044B001CSA	AL	NBR	120/60,110/50	<b>03015</b>	20	UL	●	●	304093	099257-005-D*	4.3	
1	1 1/8	22	1,170,000	0	25	125	8044A002CSA	AL	NBR	120/60,110/50	<b>03016</b>	20	UL	●	●	304093	099257-005-D*		



## Combustion 2/2 NC Electro-Hydraulic 1" - 2 1/2"

Pipe Size (ins.)	CV Flow	Operating Pressure Differential (psi) Fuel Gas		Max Fluid Temp. °F	Valve Catalog Number and Order Code	Body Material	Sealing Material	Approx. shipping weight (lbs.)	Actuator Catalog Number	Voltage	Type of Operation	Actuator Ordering Code	Approvals			Approx Shipping Weight (lbs.)	
		Min.	Max.										VA	UL	FM		CSA
<b>2/2 Normally Closed</b>																	
1	17	0	15	150	V710FASV22	AL	NBR	4.5	AH2D102S4	120/50-60	Slow Opening	AH2D102S4	220				1.9
1 1/4	25	0	15	150	V710GASV22	AL	NBR		AH2D112S4	120/50-60	Fast opening	AH2D112S4	220	○	●	●	
									AH4D112S4	120/50-60	Low/High/Off	AH4D112S4	220				
1 1/2	30	0	15	150	V710HASV22	AL	NBR		AH2D102S4	120/50-60	Slow Opening	AH2D102S4	220				
									AH2D112S4	120/50-60	Fast opening	AH2D112S4	220	○	●	●	
2	64	0	10	150	V710JASV15	AL	NBR		AH4D112S4	120/50-60	Low/High/Off	AH4D112S4	220	○	●	●	
								AH2D102S4	120/50-60	Slow Opening	AH2D102S4	220					
2 1/2	64	0	10	150	V710KASV22	AL	NBR	AH4D112S4	120/50-60	Linear	AH4D112S4	220	○	●	●		
								AH2D102S4	120/50-60	Fast opening	AH4D112S4	220	○	●	●		
3	92	0	10	150	V710LASV22	AL	NBR	AH2D102S4	120/50-60	Slow Opening	AH2D102S4	220					
								AH2D112S4	120/50-60	Fast opening	AH2D112S4	220	○	●	●		
								AH4D112S4	120/50-60	Low/High/Off	AH4D112S4	220	○	●	●		

## Combustion 2/2 NC Electro-Hydraulic 1/2" - 3"

Pipe Size (ins.)	Cv Flow	Operating Pressure Differential (psi) Natural Gas		Max. Fluid Temp. °F	Catalog Number	Body Material	Sealing Material	Valve and Actuator Order Code	Replacement Actuator	Voltage	Type of Operation	Approvals			Approx. Shipping Weight (lbs.)
		Min. Press.	Max. Press.									UL	FM	CSA	
<b>2/2 Normally Closed Assembled Valves and Actuators</b>															
3	320	0	8	150	H117AL112F1	IRON	NBR	H117AL112F1	H10A620B5F1	120/50-60	Slow opening	○	●	●	105
					H117AL112A209	IRON	NBR	H117AL112A209	H10A620B5F1F26	120/50-60	Slow opening	○	●	●	110
<b>Actuator for Damper Control</b>															
-	-	-	-	150	H11A321B5F1	-	-	-	H11A321B5F1	120/50-60	Push Type	-	-	-	14

Pipe Size (ins.)	Cv Flow	Operating Pressure Differential (psi) Fuel Oil		Max. Fluid Temp. °F	Valve Catalog Number	Body Material	Seal Material	Voltage	Valve Catalog Number and Order Code	VA	Approvals			Approx. Shipping Weight (lbs.)	
		Min.	Max.								UL	FM	CSA		
<b>2/2 Normally Closed</b>															
1/2	4	0	300	267	HOV1A302T171	BZ	PTFE	120/50-60	HOV1A302T171	150	○	●	●	12	
3/4	5	0	300	267	HOV1A307T171	BZ	PTFE	120/50-60	HOV1A307T171	150	○	●	●		
<b>3/2 Normally Closed</b>															
1/2	2.5	0	300	267	HOV13A162T171	BZ	PTFE	120/50-60	HOV13A162T171	150	○	●	●	13	

## Cable Release 2/2 NC 3/4" - 2 1/2"

Pipe Size (ins.)	Orifice (ins.)	Cv Flow	Operating Pressure Differential (psi) Fuel Gas		Max. fluid Temp. °F	Valve Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals		Rebuild kit	Approx. Shipping Weight (lbs.)
			Min.	Max.								UL	Rebuild kit		
<b>2/2 Normally Closed</b>															
3/4	3/4	6.5	0	5	132	HV216585-001	AL	NBR	-	00092	-	○	-	2.3	
1	1 5/8	24	0	5	132	HV216585-002	AL	NBR	-	00093	-	○	-	3.8	
1 1/4	1 5/8	34	0	5	132	HV216585-003	AL	NBR	-	00094	-	○	-	3.8	
1 1/2	1 5/8	38	0	5	132	HV216585-004	AL	NBR	-	00095	-	○	-	3.8	
2	2 3/32	54	0	5	132	HV216585-005	AL	NBR	-	00096	-	○	-	5.8	
2 1/2	3	110	0	5	132	HV216585-006	AL	NBR	-	00097	-	○	-	12	

### Fuel Oil 2/2 NC, 3/2 NC 3/8" - 1/2"

Pipe Size (ins.)	Orifice (ins.)	Cv	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Valve Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals			Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)	
			Min.	Max.								UL	FM	CSA				
				#2 Fuel Oil @ 60 SSU, #4 Fuel Oil @ 300 SSU														#5 or Heated #6 Fuel Oil up to 5000 SSU
<b>2/2 Normally Closed</b>																		
3/8	1/4	1.2	0	110	100	225	JB8266D023L	BR	SS	120/60,110/50	21692	15.4	○	●	●	304099-L	099257-001-D*	3.0
1/2	1/4	1.2	0	110	100	225	8266D069V	BR	FKM	120/60,110/50	01118	15.4	○	●	●	304099-V	099257-001-D*	
	5/16	1.8	0	70	70	225	JB8266D077L	BR	SS	120/60,110/50	21693	15.4	○	●	●	304101-L	099257-001-D*	
<b>3/2 Normally Closed</b>																		
1/2	1/4	1	0	100	-	265	8377 009	BR	NBR	120/60,110/50	02881	15.4	●	●	●	304108	099257-001-D*	4.0

### Fuel Oil 2/2 NC 1/4"

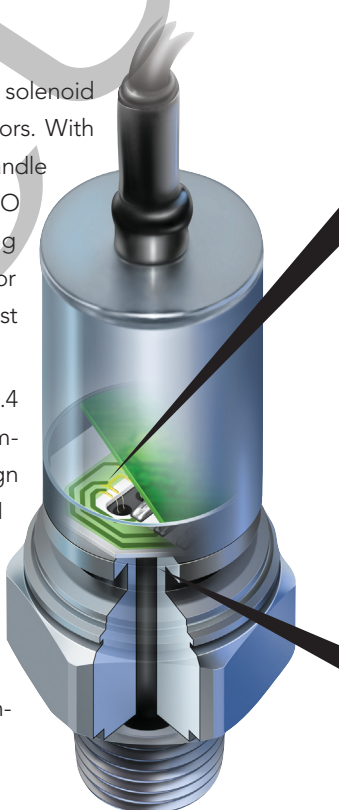
Pipe Size (ins.)	Orifice (ins.)	Cv	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Valve Catalog Number	Body Material	Sealing Material	Voltage	Valve Order Code	Wattage	Approvals			Rebuild Kit Order Code	Replacement Coil Order Code	Approx. Shipping Weight (lbs.)	
			Min.	Max.								UL	FM	CSA				
				#2 Fuel Oil @ 60 SSU														#4 Fuel Oil @ 300 SSU
<b>2/2 Normally Closed</b>																		
1/4	3/32	0.17	0	450	280	180	8262G021V	BR	FKM	120/60,110/50	21559	9.1	○	●	●	302018-V	238210-132-D*	2.4
	5/32	0.5	0	145	145	180	EF8262G220V	SS	FKM	120/60,110/50	21747	10.1	○	●	●	304352-V	238614-032-D*	
	7/32	0.72	0	100	100	200	8262G208V	BR	FKM	120/60,110/50	20474	10.1	○	●	●	304354-V	238610-032-D*	
				100	100	180	EF8262G226V	SS	FKM	120/60,110/50	20492	10.1	○	●	●	304352-V	238614-032-D*	
		0.85	0	50	40	180	8262G013V	BR	FKM	120/60,110/50	21127	6.1	○	●	●	302022-V	238210-032-D*	
	9/32	0.88	0	90	90	180	EF8262G230V	SS	FKM	120/60,110/50	21117	17.1	○	●	●	304352-V	238614-132-D*	

## ASCO Sensors

ASCO, the leader in the design and manufacture of solenoid valves, now offers a complete line of Pressure Sensors. With pressure ratings up to 10,000 PSI and the ability to handle rugged applications like steam and refrigeration, ASCO Pressure Sensors will satisfy your most demanding needs. The ASCO Pressure Sensor line is suitable for accurately measuring many process fluids in the most demanding, pulsating, and vibrating environments.

The one piece pressure cavity is machined from 17.4 PH stainless steel, which offers no source for contamination of the process fluid or the sensor. This design provides the stability, accuracy, flexibility, and EMI resistance that your process needs. This single, machined, pressure cavity will also enable you to fill a large variety of applications by standardizing on fewer sensors as well as reducing your inventory.

ASCO Pressure Sensors demonstrate ASCO's commitment to the most reliable flow control solutions.



### Sensing Element

- Sensor elements adhered with inorganic material to provide low drift repeatable signal.
- Sensor technology provides high sensitivity permitting thicker cavities.
- MEM's technology.
- Wide operating temperature range.
- Ranges up to 10, 000 PSI.
- Rugged construction design for harsh environments.

### No Leak Path Design

- Pressure cavity is one piece (17.4 PH Stainless Steel) construction.
- Pressure sensing surface is integral to body, no separate diaphragm.
- Excellent isolation, over pressure and burst characteristics.
- No fill fluids utilized.

For detailed information go to the Get Literature section at [www.ascovalve.com](http://www.ascovalve.com).