

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"



Fuel Gas 2/2 Normally Open, Normally Closed Manual Reset 1/2" - 2"

Pipe Size (in)	Orifice (in)	Cv Flow	Gas Capacity Btu/Hr	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.)
				Fuel Gas. Min.	Max.								UL	FM	CSA			
2/2 Normally Open																		
1/2	3/4	4.4	206,250	0	5	125	8214G023	AL	NBR	120/60,110/50	21050	17.1	●	-	●	316234	238610-132-D*	2.0
3/4	3/4	5.1	247,500	0	5	125	8214G033	AL	NBR	120/60,110/50	21051	17.1	●	-	●	316234	238610-132-D*	
		8	370,000	0	30	77	S262SG02N3EG5	AL	NBR	120/60,110/50	S262SG02N3EG5	20.0	●	-	●	-	222345-009-D*	3.3
1	1 5/8	11	659,000	0	5	125	JB8214037CSA	AL	NBR	120/60,110/50	03184	20	●	-	●	316728	099257-005-D*	4.3
	1 1/2	18	1,120,000	0	25	77	S262SG02N3FJ5	AL	NBR	120/60,110/50	S262SG02N3FJ5	20.0	●	-	●	-	222345-009-D*	4.4
	1 5/8	21	1,179,000	0	5	125	JB8214053CSA	AL	NBR	120/60,110/50	03185	20	●	-	●	316728	099257-005-D*	4.3
1 1/4	1 5/8	32	1,538,000	0	5	125	JB8214063CSA	AL	NBR	120/60,110/50	03186	20	●	-	●	316728	099257-005-D*	4.3
	2	34	1,710,000	0	25	77	S262SG02N3GJ7	AL	NBR	120/60,110/50	S262SG02N3GJ7	20.0	●	-	●	-	222345-009-D*	4.4
2	4 1/2	75	3,840,000	0	15	77	S262SG02N3JK4	AL	NBR	120/60,110/50	S262SG02N3JK4	20.0	●	-	●	-	222345-009-D*	12.5
2/2 Normally Closed Manual Reset (Free Handle)																		
3/4	1 5/8	13	717,000	0	25	125	8044B001CSA	AL	NBR	120/60,110/50	03015	20	○	○	○	304093	099257-005-D*	4.3

Fuel Gas 2/2 Normally Closed Electro-Hydraulic 1" - 3"

Pipe Size (in)	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 and Order Code		Voltage	Type of Operation	VA	Approvals			Approx. Shipping Weight (lbs.)
		Min.	Max.						General Purpose	Watertight				UL	FM	CSA	
2/2 Normally Closed																	
1	20	0	15	150	V710FBS	AL	NBR	4.2	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	20	0	15	150	V710FBS	AL	NBR	4.2	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
1 1/4	44	0	15	150	V710GBS	AL	NBR	6.3	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	44	0	15	150	V710GBS	AL	NBR	6.3	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
1 1/2	57	0	15	150	V710HBS	AL	NBR	6.1	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	57	0	15	150	V710HBS	AL	NBR	6.1	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
2	74	0	15	150	V710JBS	AL	NBR	5.8	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	74	0	15	150	V710JBS	AL	NBR	5.8	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
2 1/2	120	0	15	150	V710KBS	AL	NBR	12.7	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	120	0	15	150	V710KBS	AL	NBR	12.7	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
3	160	0	15	150	V710LBS	AL	NBR	11.7	AH2E202A4	AH2E102A4	120/50-60	Slow Opening	220	○	○	○	8.8
	160	0	15	150	V710LBS	AL	NBR	11.7	AH2E212A4	AH2E112A4	120/50-60	Fast Opening	220	○	○	○	8.8
2/2 Normally Closed with Proof of Closure																	
1	20	0	15	150	V710FBSV22	AL	NBR	4.2	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	20	0	15	150	V710FBSV22	AL	NBR	4.2	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8
	20	0	15	150	V710FBSV15	AL	NBR	4.2	AH4E212A4	AH4E112A4	120/60, 110/50 AC	Fast Opening	220	○	○	○	8.8
1 1/4	44	0	15	150	V710GBSV22	AL	NBR	6.3	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	44	0	15	150	V710GBSV22	AL	NBR	6.3	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8
	44	0	15	150	V710GBSV15	AL	NBR	6.3	AH4E212A4	AH4E112A4	120/60, 110/50 AC	Fast Opening	220	○	○	○	8.8
1 1/2	57	0	15	150	V710HBSV22	AL	NBR	6.1	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	57	0	15	150	V710HBSV22	AL	NBR	6.1	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8
	57	0	15	150	V710HBSV15	AL	NBR	6.1	AH4E212A4	AH4E112A4	120/60, 110/50 AC	Fast Opening	220	○	○	○	8.8
2	74	0	15	150	V710JBSV22	AL	NBR	5.8	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	74	0	15	150	V710JBSV22	AL	NBR	5.8	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8
	74	0	15	150	V710JBSV15	AL	NBR	5.8	AH4E212A4	AH4E112A4	120/60, 110/50 AC	Fast Opening	220	○	○	○	8.8
2 1/2	120	0	15	150	V710KBSV22	AL	NBR	12.7	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	120	0	15	150	V710KBSV22	AL	NBR	12.7	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8
3	149	0	15	150	V710LBSV22	AL	NBR	11.7	AH2E202S4	AH2E102S4	120/50-60	Slow Opening	220	○	○	○	8.8
	149	0	15	150	V710LBSV22	AL	NBR	11.7	AH2E212S4	AH2E112S4	120/50-60	Fast Opening	220	○	○	○	8.8

Fuel Gas 2/2 Normally Closed Electro-Hydraulic 3"

Pipe Size (in)	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	
2/2 Normally Closed Assembled Valves and Actuators															
3	320	0	8	150	H117AL112F1	IRON	NBR	H117AL112F1	H10A620B5F1	120/50-60	Slow opening	○	○	○	105
	320	0	8	150	H117AL112A209	IRON	NBR	H117AL112A209	H10A620B5F1F26	120/50-60	Slow opening	○	○	○	110

Fuel Gas Cable Release 2/2 Normally Closed 3/4" - 2 1/2"

Pipe Size (in)	Orifice (in)	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	FM	CSA		
2/2 Normally Closed																
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 Normally Closed, 3/2 Normally Closed Electro-Hydraulic 1/2" - 3/4"

Pipe Size (in)	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	
2/2 Normally Closed														
1/2	4.5	0	300	267	HOV1B302T171	BZ	PTFE	120/60, 110/50	HOV1B302T171	220	○	○	○	16.8
3/4	5.5	0	300	267	HOV1B307T171	BZ	PTFE	120/60, 110/50	HOV1B307T171	220	○	○	○	16.8
3/2 Normally Closed														
1/2	2.5	0	300	267	HOV13B162T170	BZ	PTFE	120/60, 110/50	HOV13B162T170	220	○	○	○	16.8
1/2	2.5	0	300	267	HOV13B162T171	BZ	PTFE	120/60, 110/50	HOV13B162T171	220	○	○	○	16.8
3/4	3	0	300	267	HOV13B167T171	BZ	PTFE	120/60, 110/50	HOV13B167T171	220	○	○	○	16.8
1/2	4.5	0	300	267	HOV1B302T170	BZ	PTFE	120/60, 110/50	HOV1B302T170	220	○	○	○	16.8
1/2	4.5	0	300	267	HOV1B302T171	BZ	PTFE	120/60, 110/50	HOV1B302T171	220	○	○	○	16.8
3/4	5.5	0	300	267	HOV1B307T170	BZ	PTFE	120/60, 110/50	HOV1B307T170	220	○	○	○	16.8
3/4	5.5	0	300	267	HOV1B307T171	BZ	PTFE	120/60, 110/50	HOV1B307T171	220	○	○	○	16.8
1	6	0	300	267	HOV1B312T171	BZ	PTFE	120/60, 110/50	HOV1B312T171	220	○	○	○	16.8
-	-	-	-	-	HO1B252A170	-	-	-	HO1B252A170	220	○	○	○	10.4
-	-	-	-	-	HO1B252A171	-	-	-	HO1B252A171	220	○	○	○	10.4

Fuel Oil 2/2 Normally Closed, 3/2 Normally Closed 3/8" - 1/2"

Pipe Size (in)	Orifice (in)	Cv Flow	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				
2/2 Normally Closed																		
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*	3.0
	5/16	1.8	0	70	70	225	JB8266D077L	BR	SS	120/60,110/50	21693	15.4	○	○	○	304101-L	099257-001-D*	3.0
3/2 Normally Closed																		
1/2	1/4	1	0	100	-	265	8377 009	BR	NBR	120/60,110/50	02881	15.4	m	m	m	304108	099257-001-D*	4.0

Fuel Oil 2/2 Normally Closed 1/4"

Pipe Size (in)	Orifice (in)	Cv Flow	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				
2/2 Normally Closed																		
1/4	3/32	0.17	0	350	270	180	8262H021V	BR	FKM	120/60,110/50	22055	9.1	○	○	○	323581-V	238210-132-D*	2.4
	5/32	0.5	0	200	145	180	EF8262H220V	SS	FKM	120/60,110/50	22058	10.1	○	○	○	323595-V	238614-032-D*	2.4
	7/32	0.72	0	100	100	200	8262H208V	BR	FKM	120/60,110/50	22007	10.1	○	○	○	323593-V	238610-032-D*	2.4
		0.72	0	100	100	180	EF8262H226V	SS	FKM	120/60,110/50	22018	10.1	○	○	○	304352-V	238614-032-D*	2.4
	9/32	0.88	0	90	90	180	EF8262H230V	SS	FKM	120/60,110/50	22044	17.1	○	○	○	353595-V	238614-132-D*	2.6
	1/2	1.1	0	300	300	250	SV401A02V9BF7	BR	FKM	120/60,110/50	SV401A02V9BF7	17.1	○	○	○	-	238614-132-D*	3.2

Din Connectors

Description	Orientation	Rotatable	Order Code
Size 11 mm, Form B			
1/2" conduit	Ground Down	180°	290413-001
PG 9 cable gland ①	Ground Down	180°	290414-001
Size 18 mm, Form A			
1/2" conduit	Ground Down	90°	290410-001
PG 11 cable gland	Ground Down	90°	290411-001
6' leads with North American outlet plug	Ground Up	-	272852
PG 11 cable gland for ASCO Timer Drain Valve	Ground Up	90°	272873

① Available in 10 pack as order code 226061-001-*



Electronic Timer

Supply Voltage	Max. Current Consumption	Max. Ambient Temp. °F	Switch Capacity	Inrush Current Capacity	Repeat Accuracy	Scale Accuracy	Adjustable On Time	Adjustable Off Time	Catalog Number and Order Code
24-240V AC/DC 50/60 Hz	4 mA	122	1 Amp	10 Amps for 10 mSec	+/- 0.1%	+/- 10%	2 - 40 Sec	30 Sec to 45 Min	272839-001



Muffler

Pipe Size (in)	Body Material	Catalog Number and Order Code
1/8	BR	264645-001
1/4	BR	264645-002



Prefix/Suffix Definitions

Prefix	
D	Shielded Core Design
EF	Explosionproof Enclosure
EV	Explosionproof Enclosure in Stainless Steel
HB	High Temperature Leaded Coil, Class H
HC	Battery Charging Circuits (125 or 250 DC), Class H
HT	High Temperature Leaded Coil, Class H
IS	Intrinsically Safe
J	Wiring Box
JB	Wiring Box with Leads
KF	Screw Terminals, Class F
OF	Open Frame Enclosure
P	Panel Mount
SC	DIN Enclosure (ISO 4400/DIN 43650), Class F (Class H High Temperature for 2, 11, 11.9, 17, and 22.9 watts)
SD	DIN Enclosure (ISO 4400/DIN 43650), Class F
SF	Spade Coil, Class F
SM	Spade Coil, Class B
SP	Spade Enclosure, Class F
SU	DIN Enclosure (ISO 4400/DIN 43650), High Temperature, Class H
U	Open Frame Enclosure
WB	Thermoplastic Encapsulated Watertight Junction Box
WT	Watertight Enclosure
X	Special Construction, varies with TPL number

Suffix	
B	LP Gas Service
C	Position Indication Switch
E	Ethylene Propylene (EPDM)
F	Valve Operation Type (Normally Closed)
HW	Hot Water Construction
L	Metal Seat
LT	Low Temperature Construction
M	Metered Flow Control
MO	Manual Operator, Momentary
MS	Manual Operator, Screw Type
N	Oxygen Service
P	Dry Gas, Non-Lubricated Air
Q	Long Life, Quiet Design
R	Resilient Seating
T	Polytetrafluorethylene (PTFE)
U	Valve Operation Type (Universal)
V	Fluorocarbon (FKM)
VH	Vacuum (High) Construction
VI	Visual Indicator
VM	Vacuum Service (Medium)