

This catalog is designed to make it easier to select and order the right valve for your application from the world's leading manufacturer of solenoid and air operated valves.

To assist in selecting the proper valve for your application, we recommend two approaches. First, if you know the valve series that meets your needs, you can go directly to the appropriate page as listed in the Numerical Listing, or the Main Index. If you do not know the proper valve Series, please refer to the Condensed Listing, which provides an overview of key specifications for all General Service valves included in this catalog. This listing is organized by valve type and operation, then indexed by pipe size, flow factor, and other vital specifications.

If you are unable to locate the desired valve in the Condensed Listing, refer to the individual valve series in the main catalog for a more complete listing.

In order to select a valve, you will need the following application information:

- Valve Type** 2-Way, 3-Way, 4-Way
- Operation** Normally Open, Normally Closed, Universal
- Pipe Size** Pipe size or flow requirement
- Media** Fluid to be controlled
- Pressure** Minimum and maximum operating pressure
- Temperature** Minimum and maximum fluid and ambient temperature (if unusual, contact technical support)
- Voltage** Voltage and frequency to be used
- Extras** Special seals, special seats, brackets, etc.

Once you have determined the above application information, the next steps can navigate you to the appropriate valve in this catalog:

Turn to the Condensed Listing section relevant to the **VALVE TYPE** and **OPERATION** you are looking for (Example: 2-Way, Normally Closed).

Locate the family of valves corresponding to the **PIPE SIZE** of the valve desired (Example: 1/8").

Select the applicable **MEDIA** and relevant **PRESSURE** rating in the "Operating Pressure Differential" column for AC or DC, respectively (Example: 300 psi for water, maximum AC).

If the field of possible valves has not been narrowed to one valve at this point, the Cv Flow Factor, Orifice Size, Maximum Fluid Temperature, or Watt Rating (power consumption) may then be used as additional deciding factors.

After the proper valve Catalog Number has been identified, refer to the "Page No." column to find more specifications on any given valve Series (Example: 8210 Series).

After you have made your selection, order by catalog number with its appropriate prefix or suffix, voltage and frequency. If necessary, include fluid handled, and the operating pressure of your application. We strongly recommend ordering strainers for your valves.

Example:

For an 8210G002 valve with an Explosionproof enclosure to control 100 psi air in a hazardous area, order:

Option Prefix and Catalog Number: EF8210G002

Voltage and

Frequency: 120/60

Fluid: Air

Pressure: 100 psi

Note that Type 7 Explosionproof enclosures do not require a different catalog number. Simply add the prefix "EF."



Guaranteed Same Day Shipment Program

Over 2000 of today's most popular products are now available for same day shipment and over 40,000 products can be shipped within five business days. These valves are manufactured in facilities certified to meet ISO international quality standards and are 100% tested.

World Class Support

ASCO's sales and service organization is staffed by factory-trained sales engineers. They are highly qualified to verify that your selection is best for your application or to help with your selection. They can also help customize an ASCO valve to meet unique application requirements or help you contact your local Authorized Valve Distributor.

For additional technical assistance, contact technical support by calling **(973) 966-2082** or email **Techsales@asco.com**. The Technical Support Group is available to assist in all aspects of your application or product related matters.

Visit us online at **www.ascovalve.com** to see our comprehensive product portfolio, online product configurators, and our complete listing of ASCO Today and 5Day products.

ASCO Today is registered in the United States.

Condensed Listing

General Service Valves



2-Way/2 Position Valves

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Operating Pressure Differential (psi)							Max. Fluid Temp. °F		Catalog Number	Body Material	Watt Rating / Class of Coil Insulation	
			Min	Maximum AC			Maximum DC			AC	DC			AC	DC
				Air-Inert Gas	Water	Light Oil @ 300 SSU	Air-Inert Gas	Water	Light Oil @ 300 SSU						
1/8	1/8	0.21	0	125	100	85	80	60	50	180	120	8262G035*	SS	6.1/F	10.6/F
1/4	3/64	0.06	0	750	700	700	500	500	500	140	140	8262G260*	BRASS	10.1/F	11.6/F
1/4	3/64	0.06	0	750	700	700	500	500	500	140	140	8262G130*	SS	10.1/F	11.6/F
1/4	3/32	0.17	0	300	250	230	200	150	125	140	140	8262G261*	BRASS	10.1/F	11.6/F
1/4	3/32	0.17	0	300	250	230	200	150	125	140	140	8262G134*	SS	10.1/F	11.6/F
1/4	1/8	0.35	0	130	110	100	80	60	60	180	150	8262G262*	BRASS	10.1/F	11.6/F
1/4	1/8	0.35	0	130	110	100	80	60	60	180	150	8262G138*	SS	10.1/F	11.6/F
1/4	5/32	0.49	0	85	75	60	45	30	30	180	150	8262G263*	BRASS	10.1/F	11.6/F
1/4	5/32	0.49	0	85	75	60	45	30	30	180	150	8262G142	SS	10.1/F	11.6/F
1/4	7/32	0.83	0	45	45	40	25	20	20	180	150	8262G264*	BRASS	10.1/F	11.6/F
1/4	7/32	0.83	0	45	45	40	25	20	20	180	150	8262G148*	SS	10.1/F	11.6/F
1/4	9/32	0.96	0	30	25	20	15	15	15	180	150	8262G265*	BRASS	10.1/F	11.6/F
1/4	9/32	0.96	0	30	25	20	15	15	15	180	150	8262G152*	SS	10.1/F	11.6/F
3/8	3/8	1.6	0	15	15	-	-	-	-	200	-	8030G070	BRASS	16.1/F	-
3/8	9/16	3	5	-	-	-	-	125	-	-	150	8221 021	BRASS	-	16.8/F
3/8	9/16	3	5	-	150	-	-	-	-	180	-	8221G021	BRASS	16.1/F	-
3/8	5/8	3	0	150	150	125	125	125	80	180	150	8210G033*	BRASS	10.1/F	11.6/F
3/8	5/8	3	5	250	200	200	250	200	200	180	180	8210G011*	BRASS	10.1/F	11.6/F
3/8	3/4	3.2	0	125	-	-	125	-	-	125	104	8215G013	ALUM	10.1/F	11.6/F
1/2	7/16	2.2	0	15	15	-	-	-	-	200	-	8030G071*	BRASS	20.1/F	-
1/2	9/16	3.5	5	-	-	-	-	125	-	-	150	8221 023	BRASS	-	16.8/F
1/2	9/16	3.5	5	-	150	-	-	-	-	180	-	8221G023	BRASS	16.1/F	-
1/2	5/8	3	0	150	150	100	125	125	80	180	150	8210G030*	SS	10.1/F	11.6/F
1/2	5/8	4	0	150	150	125	125	125	80	180	150	8210G034*	BRASS	10.1/F	11.6/F
1/2	5/8	4	5	250	200	200	250	200	200	180	180	8210G012*	BRASS	10.1/F	11.6/F
1/2	3/4	4	0	125	-	-	125	-	-	125	104	8215G023*	ALUM	10.1/F	11.6/F
1/2	3/4	5	0	2	2	-	-	-	-	180	-	8030G082	BRASS	10.1/F	-
3/4	5/8	3	0	150	150	100	125	125	80	180	150	8210G038*	SS	10.1/F	11.6/F
3/4	3/4	4.6	0	125	-	-	125	-	-	125	104	8215G033*	ALUM	10.1/F	11.6/F
3/4	3/4	5.5	5	-	-	-	-	125	-	-	150	8221 025	BRASS	-	16.8/F
3/4	3/4	5.5	5	-	150	-	-	-	-	180	-	8221G025	BRASS	16.1/F	-
3/4	3/4	5.5	0	2	2	-	-	-	-	180	-	8030G083*	BRASS	10.1/F	-
3/4	3/4	5.5	0	150	150	125	125	125	80	180	150	8210G035*	BRASS	10.1/F	11.6/F
3/4	3/4	6.5	5	-	-	-	250	200	200	-	180	8210C013	BRASS	-	16.8/F
3/4	3/4	6.5	5	250	200	200	-	-	-	180	-	8210G013*	BRASS	16.1/F	-
1	1	11.5	5	-	-	-	-	125	-	-	150	8221 027	BRASS	-	16.8/F
1	1	11.5	5	-	150	-	-	-	-	180	-	8221G027*	BRASS	16.1/F	-
1	1	13	0	125	125	125	-	-	-	180	-	8210B057*	BRASS	20/F	-
1	1	13	5	-	-	-	125	125	125	-	180	8210D014*	BRASS	-	16.8/F
1	1	13	5	150	150	125	-	-	-	180	-	8210G014*	BRASS	16.1/F	-
1	1 5/8	22	0	25	-	-	15	-	-	125	77	8215C053*	ALUM	15.4/F	14.9/B
1 1/4	1 1/8	13	5	-	-	-	-	125	-	-	150	8221 029	BRASS	-	16.8/F
1 1/4	1 1/8	13	5	-	150	-	-	-	-	180	-	8221G029	BRASS	16.1/F	-
1 1/4	1 1/8	15	0	125	125	125	-	-	-	180	-	8210B058	BRASS	20/F	-
1 1/4	1 1/8	15	5	-	-	-	125	125	125	-	180	8210D018	BRASS	-	16.8/F
1 1/4	1 1/8	15	5	150	150	125	-	-	-	180	-	8210G018*	BRASS	16.1/F	-
1 1/4	1 5/8	33	0	25	-	-	15	-	-	125	77	8215C063*	ALUM	15.4/F	14.9/B
1 1/2	1 1/4	22.5	0	125	125	125	-	-	-	180	-	8210B059*	BRASS	20/F	-
1 1/2	1 1/4	22.5	5	-	-	-	125	125	125	-	180	8210D032*	BRASS	-	16.8/F
1 1/2	1 1/4	22.5	5	150	150	125	-	-	-	180	-	8210G032*	BRASS	16.1/F	-
1 1/2	1 1/4	24	5	-	-	-	-	125	-	-	150	8221 031	BRASS	-	16.8/F
1 1/2	1 1/4	24	5	-	150	-	-	-	-	180	-	8221G031*	BRASS	16.1/F	-
1 1/2	1 5/8	37	0	25	-	-	15	-	-	125	77	8215C073*	ALUM	15.4/F	14.9/B
2	1 3/4	36	5	-	-	-	-	125	-	-	150	8221 033	BRASS	-	16.8/F
2	1 3/4	36	5	-	150	-	-	-	-	180	-	8221G033	BRASS	16.1/F	-
2	1 3/4	43	5	-	-	-	125	125	125	-	150	8210 103*	BRASS	-	16.8/F
2	1 3/4	43	5	125	125	125	-	-	-	180	-	8210G103*	BRASS	16.1/F	-
2	2 3/32	58	0	25	-	-	15	-	-	125	77	8215C083*	ALUM	15.4/F	14.9/B
2 1/2	1 3/4	38	5	-	-	-	-	125	-	-	150	8221 035	BRASS	-	16.8/F
2 1/2	1 3/4	38	5	-	150	-	-	-	-	180	-	8221G035	BRASS	16.1/F	-
2 1/2	1 3/4	45	5	-	-	-	-	125	125	125	150	8210 104	BRASS	-	16.8/F
2 1/2	1 3/4	45	5	125	125	125	-	-	-	180	-	8210G104*	BRASS	16.1/F	-
2 1/2	3	117	0	5	-	-	-	-	-	125	-	8215B093	ALUM	28.2/F	-

① See specific valve series for detailed specifications. * Qualify for ASCO TODAY and/or 5DAY Program based on voltage required.