

Large-Size Diaphragm Valves

3", 4" and 6" - PVC, 3" and 4" CPVC



Features

- Choice of PVC or CPVC Construction
- EPDM or PTFE Diaphragms
- Flanged End Connections
- Plastic Construction
- Position Indicator

Rugged Design

Hayward Large-Size Diaphragm Valves are not just "scaled-up" versions of smaller size valves, but have been especially designed for use in the demanding applications that these types of valves typically see: liquid, gas and slurry applications, in both on/off and modulating services.

Application Versatility

Available with either EPDM or PTFE diaphragms, Hayward Large-Size Diaphragm Valves will work in a wide variety of applications. And, you have your choice of PVC, or for higher temperature applications, CPVC.

Easy Operation

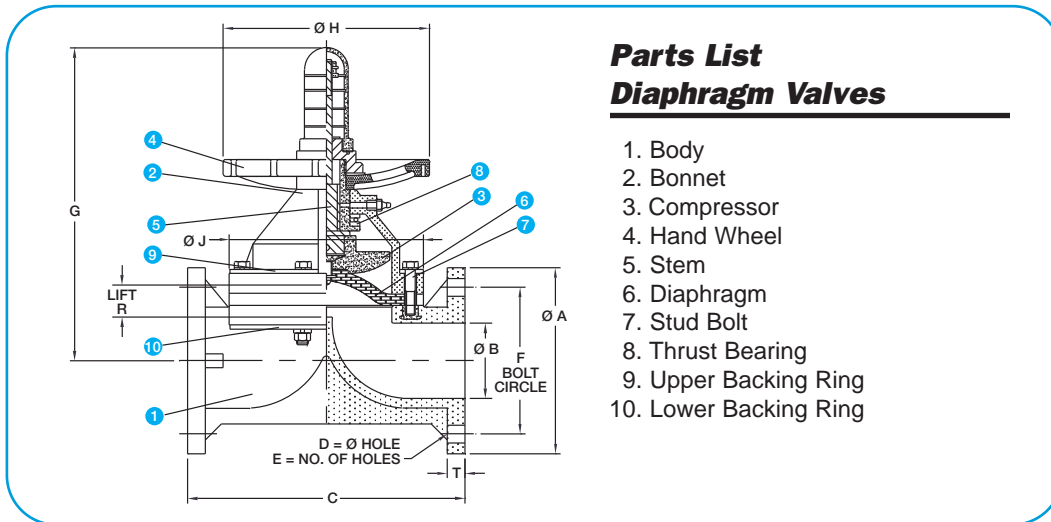
A rugged, sure-grip hand wheel makes it easy to open or close the valve with a minimal amount of effort. In modulating service, the hand wheel permits precise adjustment of the desired flow rate. A highly visible stem position indicator shows, at a glance, the position of the valve — open, closed, or any position in between.

No Metal, No Corrosion

The plastic construction of these valves means that they will never fail, jam, stick, or freeze in position because of rust or corrosion. They will never contaminate sensitive process fluids as a metal valve can. Another benefit of the plastic construction is that the valves never need to be painted or coated. They will withstand corrosive applications as supplied. Installation is easy, too, due to the lighter weight of plastic in relation to metal.



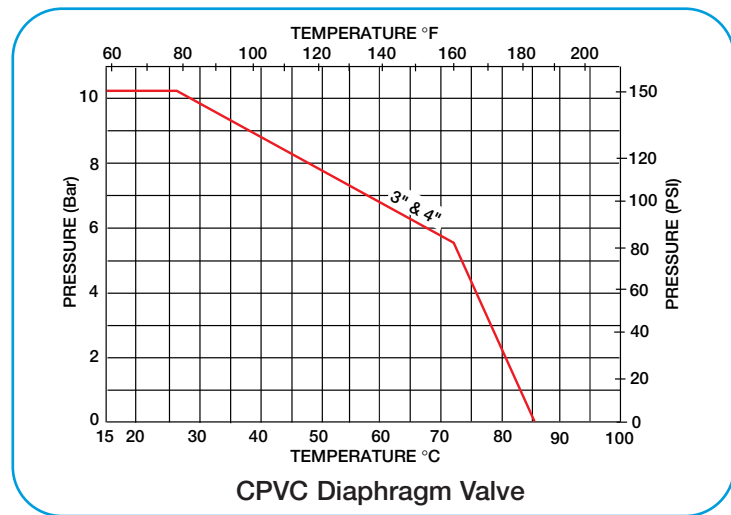
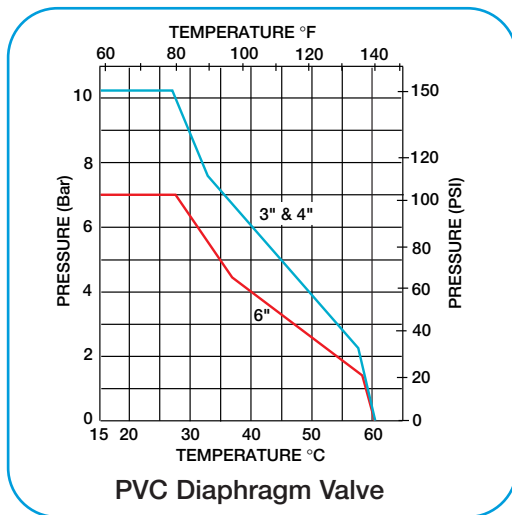
Technical Information



Dimensions - Inches / Millimeters

Size	A	B	C	D Bolt Hole	E No. Holes	F	G	H	J	T	R Lift
3 / 80	7.52 / 190	3.07 / 78	10.40 / 264	0.75 / 19	4	6.00 / 152	11.54 / 293	7.95 / 202	8.46 / 215	0.79 / 20	1.34 / 34
4 / 100	9.02 / 230	3.94 / 100	12.95 / 330	0.75 / 19	8	7.50 / 190	14.57 / 370	9.49 / 240	10.04 / 250	1.10 / 28	2.13 / 54
6 / 150	10.98 / 280	5.83 / 148	18.90 / 480	0.87 / 22	8	9.51 / 242	18.54 / 470	15.55 / 400	15.16 / 385	1.26 / 32	2.83 / 72

Operating Temperatures/Pressures



Cv Factors

Size	Factor
3"	160
4"	280
6"	700

Pressure Loss Calculation Formula

$$\Delta P = \left[\frac{Q}{C_v} \right]^2$$

ΔP = Pressure Drop
 Q = Flow in GPM
 C_v = Flow Coefficient

Selection Chart

Size	Material	End Conn.	Diaphragm	Rating
3", 4", 6"	PVC	Flanged	EPDM or PTFE	3" & 4" - 150 psi
3", 4"	CPVC			6" - 110 psi
				@ 70F, non-shock



Hayward Industrial Products, Inc.

One Hayward Industrial Drive, Clemmons, NC 27012
 Tel: 1-888-429-4635 (1-888-HAYINDL) • Fax: 1-888-778-8410
 E-mail: industrial@haywardnet.com
 Web Site: <http://www.haywardindustrial.com>

Hayward Industrial Products (UK) Ltd.

Unit 2, Crowngate, Wyncolls Road
 Colchester, Essex C04 9HZ
 Tel: +44 (0) 1206 854454 • Fax: +44 (0) 1206 851240