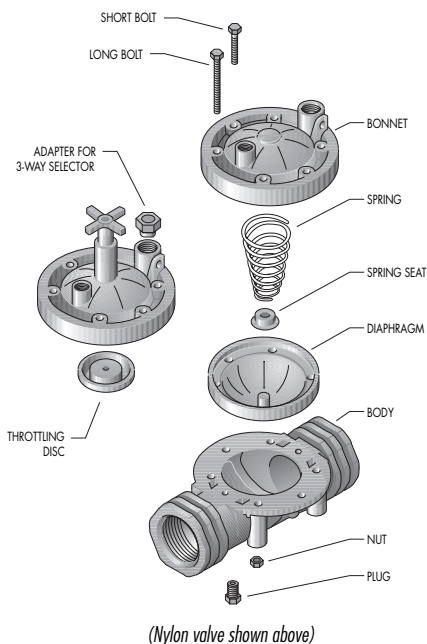


Nylon and PVC Valves Specifications



VALVE DATA	Nylon				PVC			
	Threaded				Threaded	Slip		
	Size	1"	1 1/2"	2"	323	3"	3"	4"
Length (in.)	4 7/8	7 3/8	7 7/8	9 1/4	10 1/8	10 1/8	11	14
Height (in.)	2 7/8	4 3/8	4 3/8	4 3/4	7 5/8	7 5/8	8	15
Weight (lbs.)	0.4	2	2.2	3.1	9.3	9.3	9.5	20
Max. Pressure (psi)	115	140	140	140	115	115	115	150

OPTIONS

REMOTE CONTROL	Electric Hydraulic	Specify normally open or closed for main valve pressure rating and voltage. Order Catalog #61GALIT
BONNET	Standard	Nylon Valves are available with a throttling feature.
HOOK-UP	Standard	1/4" Nylon Tubing

Materials

Nuts, bolts and washers:	Zinc coated steel/BS 5216
Nylon Valves only:	Body, Bonnet and Seat: 30% Glass Reinforced Polyamide (GRP)
PVC:	Body - uPVC
Spring:	Stainless steel AISI 302
Connections:	Threaded - ANSI (NPT Female) Socket - IPS, PVC Standard
Diaphragm Materials:	Standard - Natural Rubber Special - EPDM (Ethylene Propylene Polymer) Special - Nitril (Butadiene Acrylonitrile)

MODELS AVAILABLE

CONNECTION	Nylon		PVC	
	Threaded	Threaded	Slip	Slip
SIZES	1"	●		
	1 1/2"	●		
	2"	●		
	323	●		
	3"		●	●
	4"			●
6"			●	

Valve Installation Tips

Threaded Valves

Use a few layers of Teflon tape or Teflon sealer compound on the adapter and tighten by hand. Use a wrench to tighten the adapter another half revolution.

Socket or "Slip" Valve with PVC Pipe

Use the same procedure as when cementing PVC pipes. Mark the pipe first, then apply glue to the socket of the valve and the PVC pipe. Insert the pipe until reaching the mark and rotate a quarter turn. Hold the joint in place until the cement hardens.

Installation Above Ground

When installing a manifold above ground the length of the manifold should be kept as short as possible, (this eliminates the need for additional support). For longer lengths a firm support under the horizontal pipes is recommended. Always install the valve with the bonnet exposed to the sun.

Diaphragm Replacement

Loosen bolts, remove old diaphragm and install new diaphragm. Tighten the bolts, applying even pressure in a diagonal pattern, until the diaphragm is firmly pressed between the body and the bonnet. Do not over tighten. If leakage occurs between the bonnet and valve, tighten until leakage stops.

Underground

For underground installations use thrust blocks where needed, allow sufficient space and keep the area around the valve free from rough objects and stones. Cover the valve with clean soil — up to 24" is recommended for protection against heavy equipment. The controls for the valve, like the pilot, 3-way valve, should be positioned above ground. Be sure to mark the control tubing by color or number and put a protective poly or PVC tubing around the control tubing.

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