



TUBULAR GLASS GAGES V-Series

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Specialists in Liquid Level Indication

TUBULAR GLASS GAGES

Jerguson Gage & Valve offers a complete line of brass, bronze and stainless steel tubular glass gage valves for economical service.

The standard straight-through flow design features a durable cast aluminum wheel. Connections of 1/2 or 3/4 inch NPT are available for attaching the valve to the vessel.

Highly durable Pyrex® gage glass is available with outside diameters of 5/8 or 3/4 inch. Visibility lengths vary as required. Guard rods are recommended to protect the glass from damage, and for added safety.

BRASS GAGE VALVES

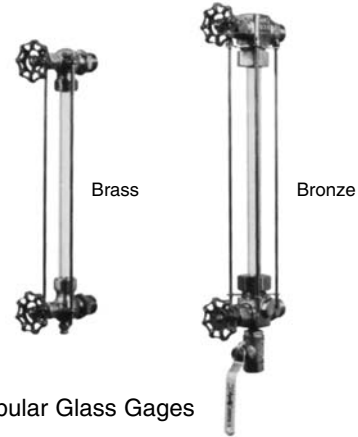
Series VA Automatic

Model No. VA-991 5/8" Dia. Glass, 1/2" NPT Vessel Conn.

Model No. VA-902 3/4" Dia. Glass, 3/4" NPT Vessel Conn.

These tubular glass gage valves feature brass body construction. They come complete with corrosive-resistant ballchecks for automatic closure in the event of glass breakage. This ensures safety and prevents the loss of fluid. Maximum working pressure is 200 psi @ 400°F, or 400 psi @ 100°F.

NOTE: Pressure ratings will vary depending upon temperature and glass length. Refer to table for complete ratings.



Tubular Glass Gages

Series VB Non-Automatic

Model No. VB-991 5/8" Dia. Glass, 1/2" NPT Vessel Conn.

Model No. VB-902 3/4" Dia. Glass, 3/4" NPT Vessel Conn.

These all brass valves are similar to above models. However, ballchecks are not standard, thus making operation non-automatic. A 1/4" needle drain valve in the lower unit accommodates a breakage condition. Either a 1/4" lower arm ball valve or a pet-cock is available upon request. Sizes, packing materials and working pressures are identical to above models.

BRONZE GAGE VALVES

Series VC Automatic

Model No. VC-991 5/8" Dia. Glass, 1/2" NPT Vessel Conn.

Model No. VC-902 3/4" Dia. Glass, 3/4" NPT Vessel Conn.

Conforming to A.S.M.E. power-boiler code requirements, these gage valves feature stainless steel ball checks in both upper and lower units. This provides automatic closure in the event of glass breakage and requires the ball check in the lower valve to rise vertically to its seat. A safety handle is also provided for manual operation of the 5/16 inch diameter drain valve. This valve is of the full-flow ball valve design.

The valve body is constructed of rugged, heavy pattern bronze. Standard packing materials are wear-resistant Teflon@-asbestos. Maximum working pressure is rated at 500 psi @ 100°F, or 250 psi @ 400°F.

Note: Pressure ratings will vary depending on temperature and glass length. Refer to table for complete ratings.

Series VE Non-Automatic

Model No. VE-991 5/8" Dia. Glass, 1/2" NPT Vessel Conn.

Model No. VE-902 3/4" Dia. Glass, 3/4" NPT Vessel Conn.

These gage valves are identical in every respect to above models, except for the non-automatic design. Ball checks are not included.

Note: Plastic protector enclosures are not available for the above glass gages.

MAXIMUM WORKING PRESSURES					
Glass Length (inches)	Glass Diameter (inches)	Brass		Bronze	
		Series VA & VB		Series VC & VE	
		100°F	400°F	100°F	400°F
		Max PSI	Max PSI	Max PSI	Max PSI
10	5/8	400	200	420	250
	3/4	400	200	410	250
12	5/8	400	200	410	250
	3/4	400	200	400	250
18	5/8	360	200	360	250
	3/4	355	200	355	250
20	5/8	350	200	350	250
	3/4	345	200	345	250
24	5/8	320	200	320	250
	3/4	315	200	315	250
30	5/8	280	*	280	*
	3/4	275	*	275	*
36	5/8	245	*	245	*
	3/4	240	*	240	*
40	5/8	230	*	230	*
	3/4	225	*	225	*
48	5/8	195	*	195	*
	3/4	190	*	190	*
60	5/8	150	*	150	*
	3/4	145	*	145	*
72	5/8	100	*	100	*
	3/4	100	*	100	*

* Not Recommended



Liquid Level Gages and Valves for the Power and Process Industries