

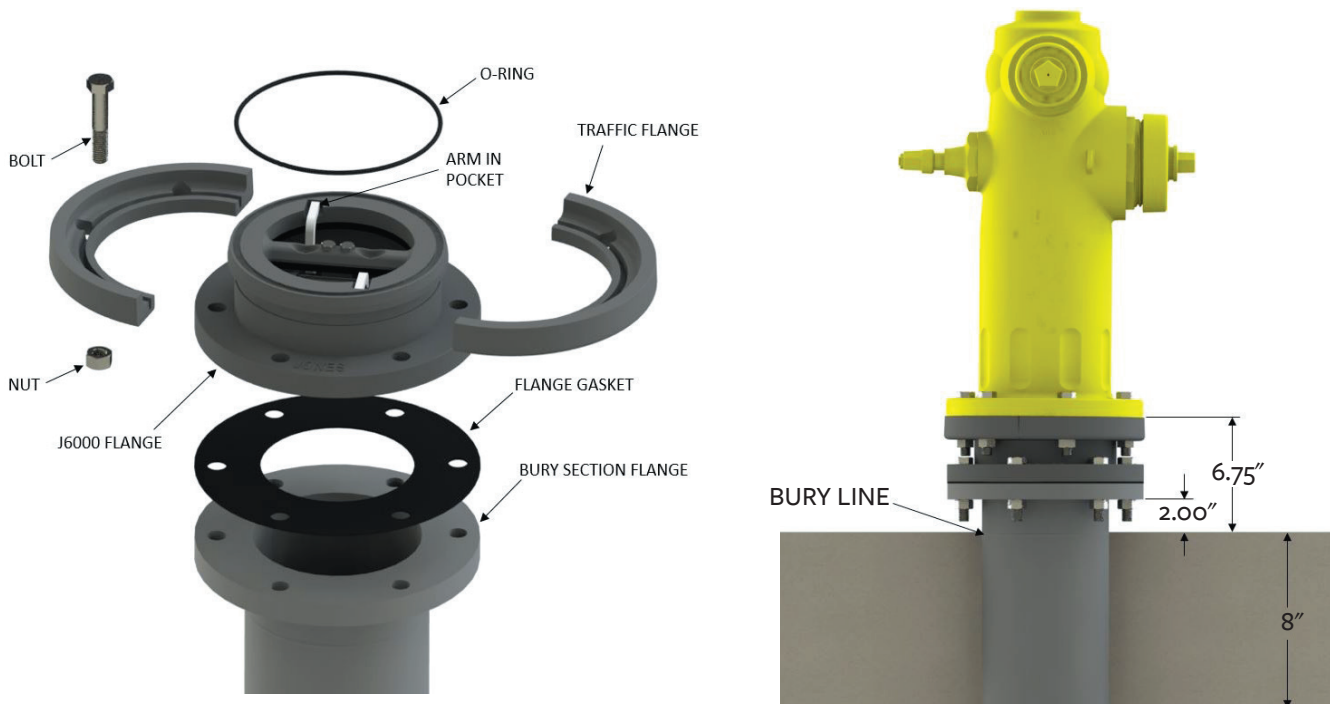
JONES[®]

a **MUELLER** brand

J6000 SERIES BREAK CHECK VALVE Installation Instructions

NOTE: The break check valve and wet barrel hydrant must be installed and maintained according to AWWA M17, C503, C600, and applicable local codes.

Do not use this product on wet barrel fire hydrants that have an internal diameter greater than 6-5/8" (see *Danger Tag* on product for more information). Do not use break-away bolts with Traffic Flange.



- A.** Upon receipt of shipment, inspect J-6000 valve assembly to ensure no damage or breakage occurred during shipment.
- B.** Install FLANGE GASKET onto BURY SECTION FLANGE. Set J-6000 FLANGE on BURY SECTION FLANGE; plumb, install and tighten fasteners to pipe manufacturer specified torque.
- C.** Make sure the O-RING is in the O-ring groove on the traffic side of the J-6000, the Discs are vertical and ARMS are in the J-6000 Body POCKETS.
- D.** Set hydrant on the J-6000 and orient the pumper to the desired direction.

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E. Attach TRAFFIC FLANGE and Traffic Flange BOLTS/NUTS (see table below) as shown. Torque bolts to approximately 70-90 ft-lb.

HYDRANT / TRAFFIC FLANGE BOLT PATTERN					
No. of Holes	Bolt Hole Size	Bole Circle Dia.	Bolt Size	Hydrant Flange Thickness	Bolt Length
6	3/4"	9 3/8"	5/8"	1/2"	2 3/4"
				1"	3 1/4"
6 or 8	7/8"	9 1/2"	3/4"	1/2"	2 3/4"
				1"	3 1/4"

* Additional Bolt Patterns may be available

NOTE: If a change in orientation of the pumper outlet is required after installation, loosen the Traffic Flange Nuts, lift hydrant slightly and rotate using caution not to damage or displace the O-ring. Re-tighten Traffic Flange Nuts to 70-90 ft-lb.

F. Test hydrant with line pressure before backfilling. Remove the cap from the top hydrant outlet. Slightly open the top outlet valve and slowly open the service gate valve to restore water to the hydrant. When all air is evacuated from the hydrant, water will begin to come out of the top nozzle. Firmly seat top valve. Completely open gate valve and check for leaks at flanges and seals.

G. Install concrete thrust collar at or near the ground line. Recommended collar dimensions are 8 inches thick and 30" x 30" square. These dimensions are dependent upon soil conditions.

H. Flush the hydrant after installation to remove any foreign material and ensure J-6000 is set in the open position (assure full flow is achieved)

For more information about Jones water products, please visit joneswaterproducts.com or call Jones customer service at 1.800.423.1323.

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