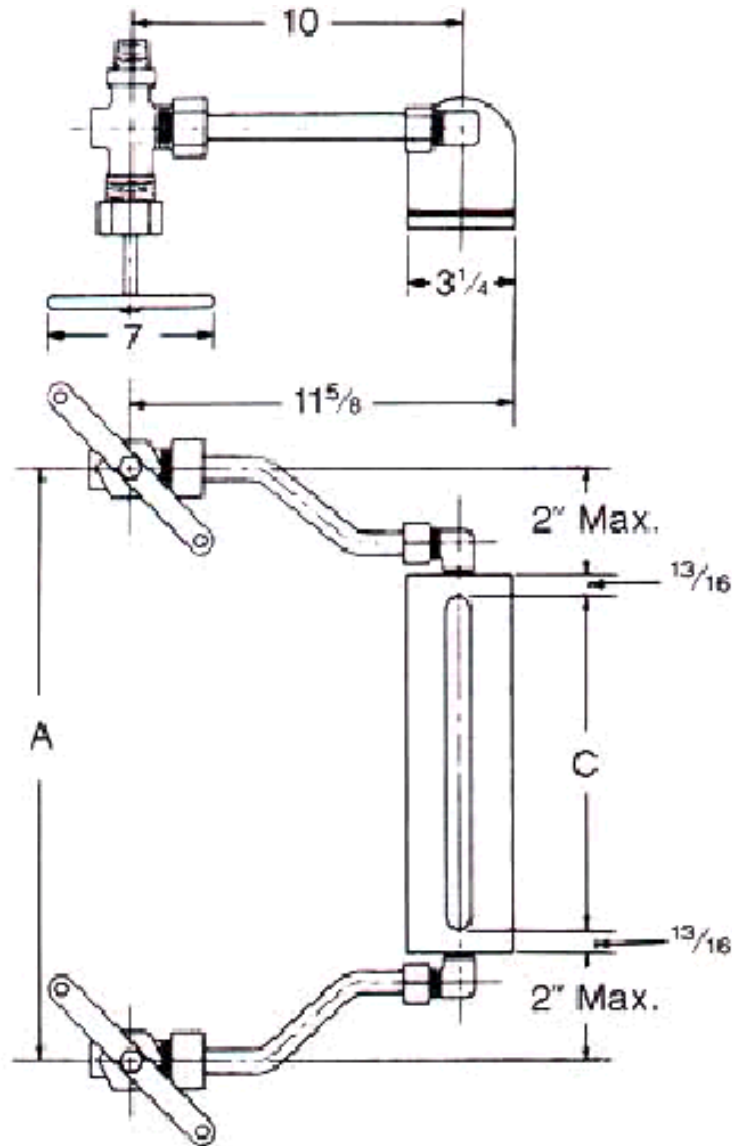
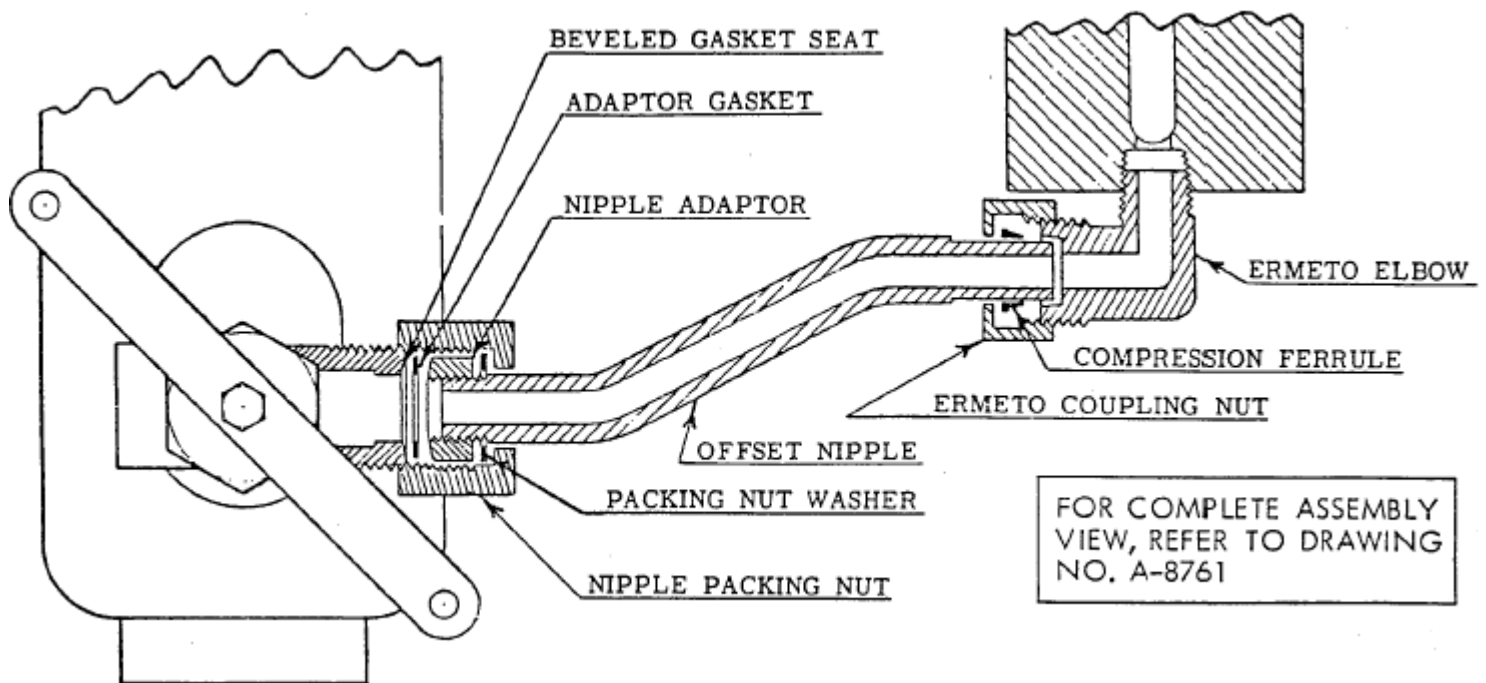


**Instructions for Installing Prismatic Gage with Offset  
Nipples in Bronze Water Gage Valves**



**Caution:** If under pressure, the equipment should be isolated, or the boiler should be shut down *before* proceeding with the installation. Open the drain valve to eliminate any trapped pressure. All work must be done by a qualified technician. All plant rules and procedures must be followed, including any lock out/tag out requirements. When applicable, verify that all alarms and trips have been by-passed on probe columns before any maintenance is performed, to prevent any false alarms or wiring hazards.



### SECTIONAL ASSEMBLY VIEW OF LOWER OFFSET NIPPLE ASSEMBLY

#### **INSTALLATION STEPS:**

1. Remove packing nuts, packing rings, packing washers, and existing gage glass.
2. Remove handles from upper and lower water gage valves.
3. a) For right hand assembly: screw upper valve  $\frac{3}{4}$  turn clockwise and lower valve  $\frac{1}{4}$  turn clockwise  
b) For left hand assembly: screw upper valve  $\frac{1}{4}$  turn clockwise and lower valve  $\frac{3}{4}$  turn clockwise
4. Inspect beveled gasket seat in both valves. Dirt and old packing fragments should be removed, taking care not to damage the surface of the seat. If necessary, fine (150 grit) emery cloth may be used to improve the seat surface. Also, remove any old packing from the nipple packing nuts.
5. Install offset nipples and gage glass as shown above, applying only sufficient hand torque to the nipple packing nut and ermeto coupling nut to prevent the gage glass from slipping. Be sure the adaptor gasket is positioned with exposed fiber face in contact with the beveled gasket seat in the valve.
6. Use level or other accurate instrument, and adjust to vertical position.
7. With the gage glass in the vertical position, tighten both nipple packing nuts and both ermeto coupling nuts.
8. Adjust the sprockets in the water gage valve handles so that the handles are in proper tandem position when put back on the valve stems. (refer to IOM #E207-A)
9. Replace handles on the water gage valves.
10. Put equipment back into service and check for leaks.

Any additional questions should be directed to your local Clark-Reliance Representative, or to the Factory.  
Phone: (440) 572-1500 Fax: (440) 238-8828

**"Always use only genuine Clark-Reliance replacement parts!"**



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