

INFERNO MFG. CORP.

TE Series Armored Tubular Sight Glass with 15T OFFSET Valves

GLASS IS COMPLETELY ENCASED & ISOLATED

No contact is made with glass tube during installation between gage valves. Stuffingbox seal is made up on a metal end stem. Overtightening stuffingbox does not affect the internal glass tube.

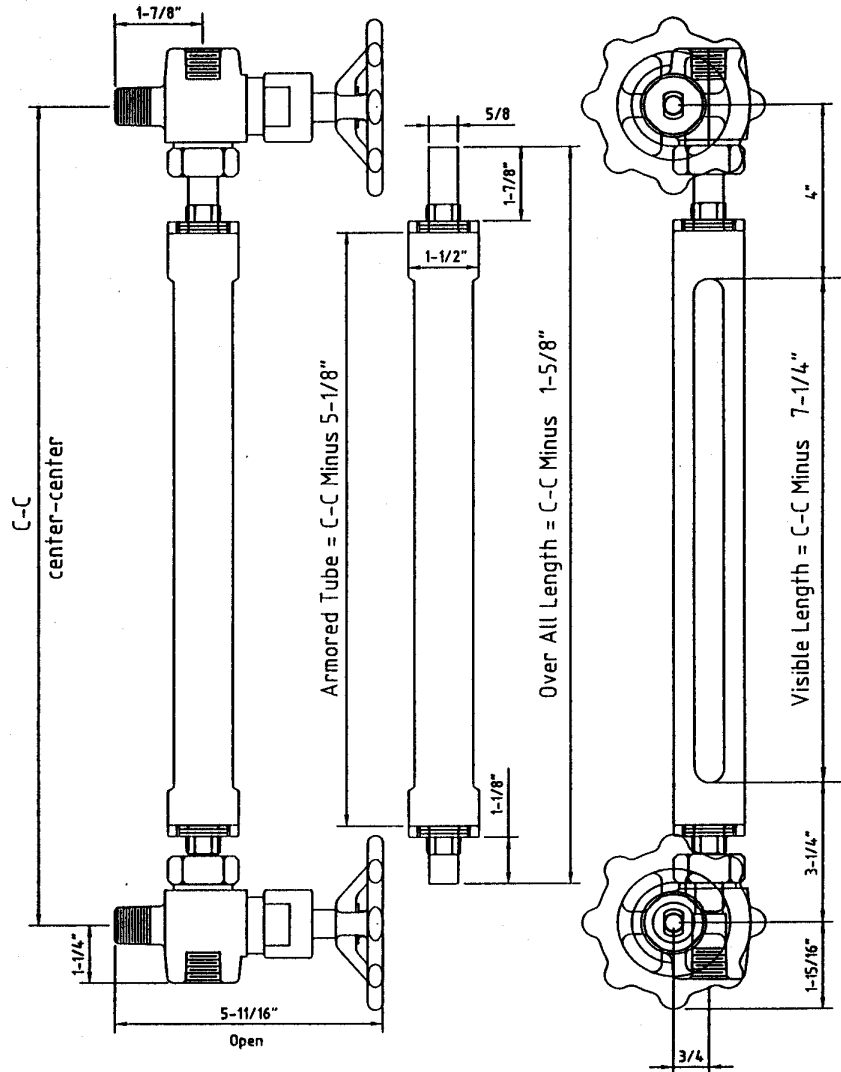
CLEANING TUBULAR GLASS IN PLACE

OFFSET valves permit swabbing of internal glass tube while vessel is full or under pressure. Valves may be shut off while swabbing glass. Internal valve OFFSET permits a cleaning brush to bypass the valve stem while valve is closed. No seals need be loosened and later re-tightened. Access for cleaning is made through 1/2" NPT vent & drain connections in valves.

Rated 300 PSI @ 150° F

gage dimensions
shown when
used with Series
15T valves

Replacement
Glass Tube Length =
Body Tube minus 3/4"



INSTALLATION

The upper end stem of the TE gage is longer than the lower end stem. The upper valve is bored through to permit the upper end stem to extend into the valve body when mounting the TE gage between the valves. When the upper end stem is fully inserted into the upper valve the lower end stem can be swung into vertical position directly over the lower valve. This allows the lower end stem of the gage to be dropped into the lower stuffingbox, making sealing contact. An internal shoulder in the lower valve body prevents the lower end stem from travelling too far down and disengaging the upper end stem from its seal in the upper valve.

This design allows a $\pm .1/4$ " variation in Vessel centers.

STUFFINGBOX

Viton™ O-Ring is standard packing material. Teflon™, Buna, EPDM etc are available.