

## V1000 SERIES VALVES

# Installation/Pumpout Instructions



### INSTALLATION OF BODY

1. Remove valve cap.
2. Carefully remove plug & seal assembly to prevent o-rings from being burned when welding or soldering body.
3. Keep all o-rings and parts clean.
4. Weld/solder body in place. Take special care to minimize excessive heat, which may distort seat.

### EVACUATION PROCEDURE

5. Clean valve body internal and external with a safe, oil free solvent being careful to remove any residue and/or lint after cleaning.
6. Clean and apply a thin coat of high quality vacuum grease to the o-rings.
7. (a) Thread plug onto stem of valve operator.  
(b) Pull plug assembly up into operator.
8. (a) Install operator on seal off valve body.  
(b) Tighten operator compression nut.
9. Attach vacuum pump to valve operator outlet, turn on pump.
10. After attaining desired vacuum level, close seal off valve by pushing plug into body. Take care to enter the body cavity slowly, slamming the plug into the valve could shear off o-ring seal on edge of body. Firmly push plug into place to insure positive seal.
11. Turn off vacuum pump and bring pump side of system up to atmosphere. Carefully unscrew operator stem from plug assembly taking care to be sure all threads are clear and withdraw handle into valve operator.
12. Disconnect valve operator from seal off valve and replace protective cap. We suggest filling the cavity above the plug with vacuum grease prior to installing the cap.



7a



7b



8a



8b



10



11



12



12