

# STANDOFF ASSEMBLY FOR MANUAL ACTUATION

## 2 POSITION VALVES

### Technical Note 402

Standoffs allow valves to be mounted in a heated zone. While some heat is conducted through the standoff, the knob or handle stays at a comfortable temperature.

#### INSTALLATION

VICI Valco valves ordered on a standoff with a handle or knob are shipped from the factory fully assembled. To mount the valve in an oven or through a panel:

1. Slide the black plastic MHR/retainer off of the standoff tube and remove the entire handle assembly from the standoff driveshaft.
2. Remove the CR2/clamp ring from the standoff and mount it on the oven wall or mounting bracket. (The standoff requires an 11/16" clearance hole, and the two mounting holes in the clamp ring are on a 1" center.) Once the clamp ring is mounted, slide the standoff through it.
3. Engage the square end of the MHA/manual handle adapter in the square hole of the standoff driveshaft, and fit the MHR/retainer over the end of the standoff tube.
4. Position the standoff in the clamp ring so that the valve is oriented according to your requirements, and tighten the HWSC-SC6-10/screw in the CR2/clamp ring.

#### DISASSEMBLY

The valve can be removed from the standoff assembly by removing the screws shown at the extreme right of Figures 1-3.

**NOTE:** The old P type 10 port valves have only one HWSC-SC6-10NT/screw. W valves with more than 10 ports and UW valves with more than 8 ports have no mounting holes; they are held in place by a clamp ring on the end of the standoff and are removed by loosening the clamp ring screw. (**Figure 4**)

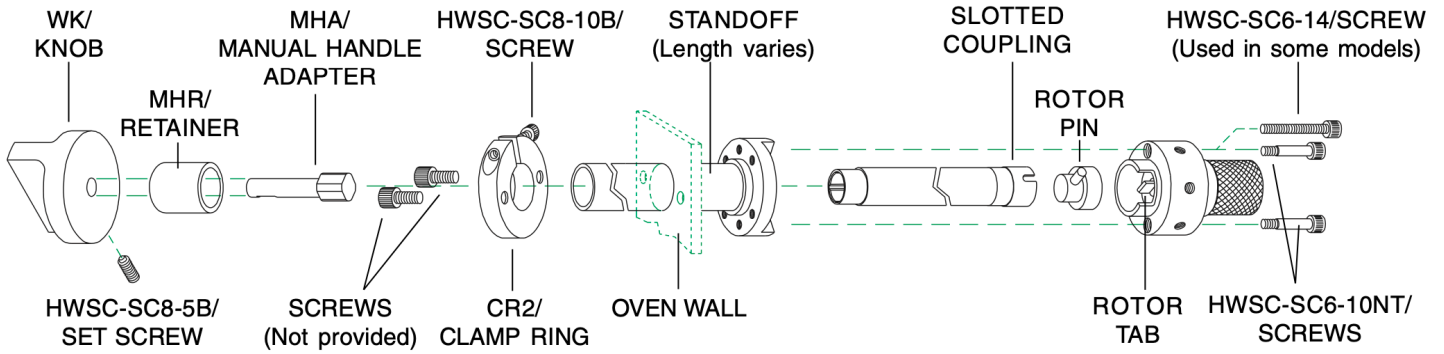
#### ASSEMBLY

1. Let the standoff driveshaft slide a little way out of the standoff tube, and position the slotted coupling over the rotor pin.
2. Position the valve for maximum visibility of the rotor pin in both positions. (In some cases full visibility is not possible.)
3. Affix the valve to the standoff by reinstalling the mounting screws or tightening the clamp ring screw.
4. Follow Steps 2-4 under Installation, as required by your application.

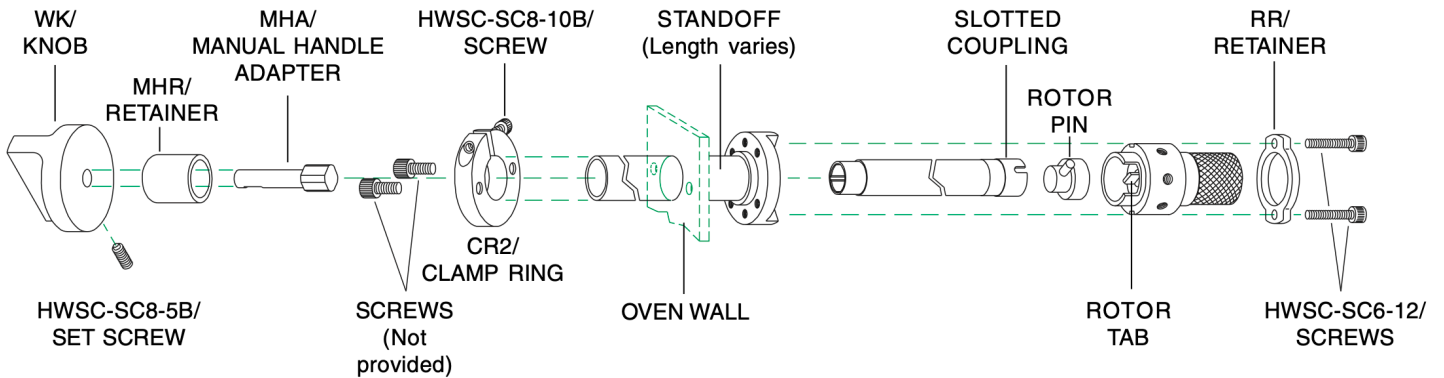
## ADDITIONAL INFORMATION ABOUT HIGH TEMPERATURE VALVES (T, UWT, AND WT SERIES)

High temperature valves sometimes develop a tendency to stick, making the valve difficult to turn. (This usually happens at lower temperatures.) In extreme cases, the valve doesn't position accurately, and the valve and rotor can be damaged. If this stickiness occurs, the valve must be reconditioned by heating it to 330°C without switching, then switching it from position to position a few times before letting it cool to operating temperature.

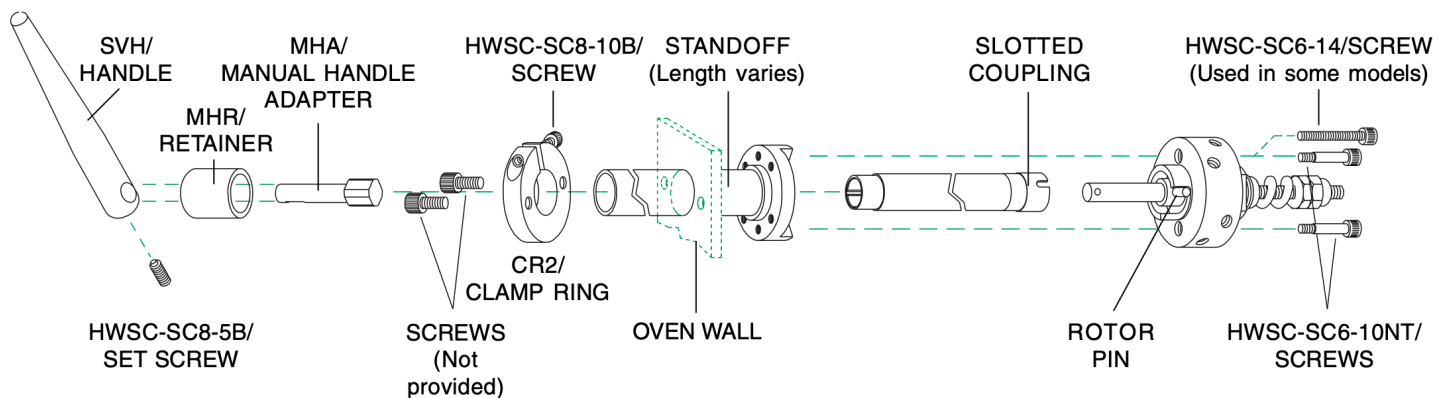
### FIGURE 1: W AND UW TYPE VALVES (1/8" & 1/16" FITTINGS)



### FIGURE 2: W TYPE VALVES (1/32" FITTINGS)



### FIGURE 3: P TYPE VALVES



**FIGURE 4: VALVES WITH NO MOUNTING HOLES**

