

# HYDRASAN® I HYDRANT

## with Vacuum Breaker-Backflow Preventer and Pressure Relief Valve

Installation Instructions refer to 71000 and 71050 Series Frost-Free Hydrants. Procedures for the 71020 and 71070 Mild Climate Hydrants are the same.

### INSTALLATION

#### A. Model 71000 Assembly

If your hydrant is the box type (Model 71000), it will be necessary to assemble the wall box to the hydrant before proceeding with the installation. Open box cover using Control Key (1). Insert hydrant, inlet end first, through opening in box bottom. *Be sure outlet (hose connection) is at right as you face box with cover hinged at top.* With hydrant head flange seated in recess surrounding hole in box, secure hydrant in place by tightening the two set screws, in tabs on box bottom, against hydrant head.

#### B. Model 71000 and 71050 Installation

HYDRASAN I is installed, with head horizontal, outlet to right, in the manner typical to all frost-free hydrants. The face (front) of hydrant or hydrant wall box (with cover hinged at top) must be set with flange against finished wall overlapping wall opening provided for the hydrant. The casing or tubular portion of the hydrant must be level (plumb) and extend through the wall with valve body (inlet portion) on inside of wall (to prevent freezing). Grout the hydrant (and box) securely in place with mortar. Follow normal plumbing practice to make inlet connection. NOTE: This sequence may vary depending on job conditions. Refer to Figures 1 and 2.

BE SURE TO LEAVE CONTROL KEY AND HEX. KEY ( $\frac{3}{32}$ " ) WITH OWNER.

### CAUTION

If solder (sweat) connections are used, heat must be controlled to avoid damage to non-metallic hydrant components. For best results, remove pressure assist seal assembly (parts 4, 5, and 16) prior to soldering joint. Allow to cool before re-inserting pressure assist seal.

Before hydrant is put into service, water supply system must be flushed thoroughly to remove dirt and chips that could cause hydrant malfunction. Remove pressure assist seal assembly prior to flushing.

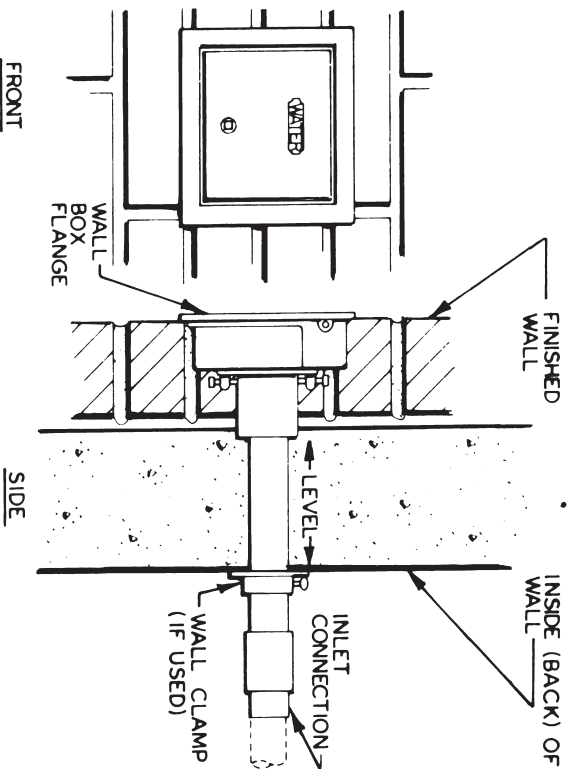


FIGURE 1 – HYDRASAN I MODEL 71000 INSTALLATION

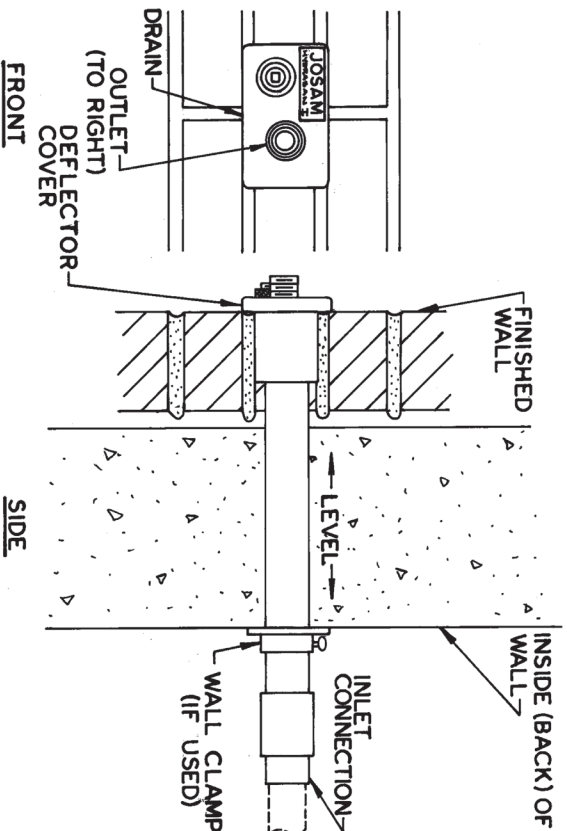


FIGURE 2 – HYDRASAN I MODEL 71050 INSTALLATION