

## FireLock® Automatic Sprinkler Wrenches

### PROPER USE

#### CONCEALED/RECESSED WRENCHES

These wrenches also bare a raised line on the solid side of the wrench, which corresponds to the frame arm of the sprinkler. Carefully position the open side of the wrench over the frame arm mid way between the deflector (be careful of deflector and bulb) and wrench boss. Once the wrench opening touches the frame arm, position the wrench onto the wrench boss. Be sure the wrench only engages on the wrench boss. Once the wrench is completely seated on the wrench boss the deflector is protected from damage during proper use. Tighten the sprinkler into the fitting for a leak tight fit using the line on the wrench and the sprinkler frame arm for desired alignment. Remove the wrench. These wrenches can only engage the wrench boss when parallel to the frame arms.

#### OPEN END WRENCHES

Open end wrenches have a raised rib in the wrench opening which engages the throat of the sprinkler frame between the NPT thread and the wrench boss. Slip the wrench onto the sprinkler frame (be careful of the deflector and bulb) such that the rib engages the frame as previously described. Tighten the sprinkler into the fitting for a leak tight fit using the sprinkler frame arm for desired alignment. Remove the wrench.

Open end wrenches can safely engage the V27 and V34 frames on any two opposing wrench flats due the hex design (a total of six acceptable positions). The V34 wrench will only engage the K1, V25, and V36 frames on only one pair of wrench flats as there is only one pair of flats available on this frame (a total of two acceptable positions).

NOTE: The V36 open end wrench also has a rib in the wrench opening. This rib lays on the deflector side of the wrench boss instead of the throat due to the larger throat diameter. The wrench engages only the wrench boss, similar to the V27 and V34.

#### SOCKET AND TEE-HANDLE WRENCHES

The V38-4, V38-5, V29, and V29-1 wrenches are all socket style wrenches designed to engage a special wrenching surface of the sprinkler assembly. The V38-4 and V38-5 socket wrenches are designed to engage the slots in the base of the cup, which is crimped on a V38 concealed sprinkler. These wrenches will not work on the old style, threaded on a V38 cup. Slip the wrench axially down over the sprinkler into the V38 sprinkler cup and rotate until the wrench tabs slide into the slots in the cup. Tighten the sprinkler and gently remove the wrench. The V29 and V29-1 wrenches are also socket-style wrenches. These wrenches engage special wrenching tabs cast onto the V29 sprinkler frame. Slip the wrench axially down over the V29 sprinkler with the protective cap in place and rotate until the slots in the wrench engage the wrenching tabs. Tighten the sprinkler and gently remove the wrench. The V38-4 and V29 wrenches are designed for use with standard 1/2-inch drive ratchet wrenches and are suitable for repeated use. The V38-5 and V29-1 wrenches are Tee-Handle style, lightweight wrenches designed for occasional sprinkler replacement and can be stored in the spare sprinkler cabinet.