



# INSTALLATION DATA

## 4350 SERIES

### COMMERCIAL THERMOSTAT BJ UNI-KIT®

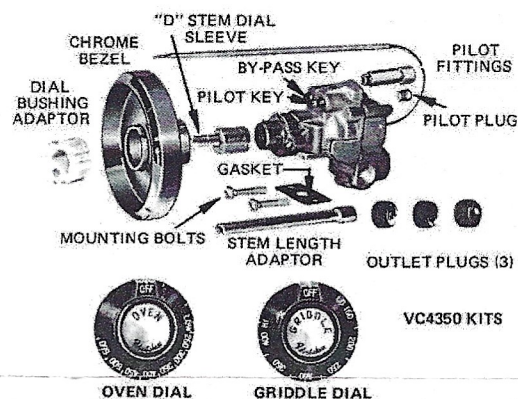
#### DESCRIPTION

The Robertshaw® 4350 Series Commercial Thermostat Uni-Kit® is designed specifically for heavy-duty commercial oven and griddle applications. The High-Temperature thermostats with steel bulb and capillary are supplied in these kits.

The thermostat can be mounted in any of the four manifold positions. Rear housing may be rotated as required. Plugs are included with models having four-position outlet tapping.

Four-position dial, stem length adaptor, and chrome bezel are included.

These kits will replace model BJ and BJWA commercial thermostats. Separate kits are available for oven and griddle applications. Kits will also replace earlier Uni-Line models.



#### INSTALLATION INSTRUCTIONS



##### CAUTION

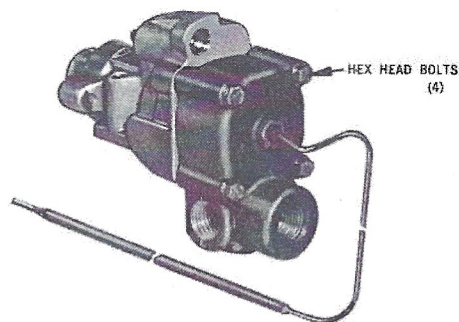
THIS DEVICE SHOULD BE INSTALLED BY A QUALIFIED PERSON WITH DUE REGARD FOR SAFETY AS IMPROPER INSTALLATION COULD RESULT IN A HAZARDOUS CONDITION.

#### ROTATION OF REAR HOUSING

In many applications, rotation or repositioning of the rear housing is not required. If the rear housing on the replacement control is in the desired position proceed to fittings and plugs.

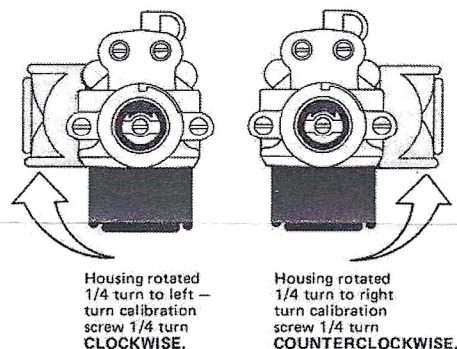
For applications requiring a change in the housing position, proceed as follows:

1. Remove pilot fitting if installed in control.
2. Remove four hex head bolts on rear of control while applying pressure to hold rear housing against main control body housing. (See illustration at right).
3. Rotate rear housing to desired position.
4. Replace and tighten the four hex head bolts.



**NOTE:** Rotation of the rear housing will also change calibration.

Recalibration of the control after changing rear housing position is easily done at room temperature. View the control from the front using a screwdriver, push in the calibration screw in the center of the gas cock plug. Turn this screw 1/4 turn in the same direction the housing was rotated (viewed from the front). See illustration at right. If housing was rotated 1/4 turn to the side position, the calibration screw must also be turned 1/4 turn in the same direction as the housing was rotated.



#### FITTINGS AND PLUGS

Install plugs into outlets not required and assemble pilot fitting or plug into pilot outlet. Use a small amount of thread compound on each plug and fitting.

#### UNCOIL DIASTAT

**NOTE:** Diastat is liquid filled and sharp bends are to be avoided.

The recommended method to uncoil the diastat is as follows:

Insert a round screwdriver shaft through the center of the diastat coil. Push outward or away from control body to uncoil the diastat smoothly. This method will prevent twisting or crimping.

#### MOUNTING

Mount control on manifold using new flange nipple gasket and mounting bolts.

Connect outlet and pilot lines as required for the application.

Attach the sensing bulb into its proper location. Again use caution not to twist or crimp the capillary tube.