

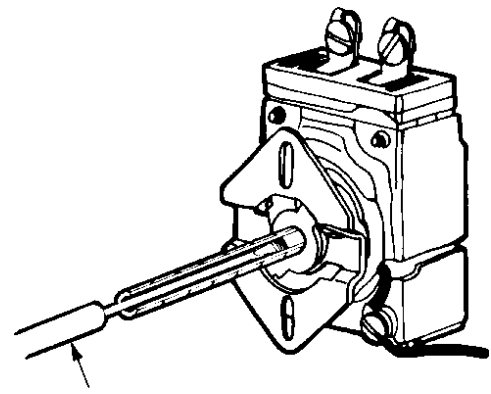
TROUBLESHOOTING

CALIBRATING INSTRUCTIONS FOR 5300, 5320, 5330 SERIES

These controls are precision instruments that have been carefully calibrated at the factory and seldom need to be recalibrated.

However, if calibration is necessary, the following procedures are recommended:

1. Place the sensing element of your Robertshaw Test Instrument (or a reliable mercury thermometer) in the center of the area being controlled.
2. Turn the dial to the midpoint of its adjustable range and allow the equipment to come to a stable temperature. Allow the unit to cycle two or more times. Then compare temperature setting on the dial with the reading of the test instrument.
3. Holding the dial stem stationary, turn the small adjusting screw (see figure to the right) clockwise if the temperature in the device is above the dial setting and counterclockwise if the temperature is below the dial setting. One quarter turn of the screw will change the setting approximately the degrees shown in the chart below.
4. Recheck calibration and repeat steps if closer calibration is required.



SCREWDRIVER

	TEMPERATURE RANGE ON CONTROL DIAL (F°)					
	60 - 95°	60 - 250°	100 - 220°	130 - 180°	140 - 550°	200 - 400°
APPROXIMATE TEMPERATURE CHANGE PER 1/4 TURN (F°)	6°	17°	12°	14°	35°	18°

SHAFT

TURN SCREW: CLOCKWISE TO DECREASE
COUNTERCLOCKWISE TO INCREASE

