TK-RE01 Temperature Remote Control

The TK-RE01 / 240 T stat allows the output temperature of the water that leaves the 240FX to be adjusted from 100-165°F. This is useful in applications where temperatures greater than 120°F are necessary, and in installations that necessitate scald prevention.

The connection for the remote control is located inside the 240FX. It is a pair of black and white wires, extending from the second connection from the bottom in the back of the computer board, behind the plate, to where it terminates above the pressure switch. There is a white terminal on the end of these wires with a blue cap on it. To install the remote control, first determine where it is to be placed, and then attain an extension cable that is long enough to reach that location. A dual cable is optimal, as in speaker wire, but if not, two wires will be needed. The cable should be minimum 18 AWG wire, and it should not be longer than 150’. Attach the Y-shaped connectors that come with the remote to the end of the extension cable by compressing the bottoms of the connectors onto the wires. Attach these connectors to the two screws on the back of the remote. If necessary, attach the remote to the wall by removing the front cover, and drilling the included screws into the wall through the holes in the remote. Cut the white terminal with the blue cap off of the wires, push the extension cable through the hole in the bottom of the 240FX, and connect the extension cable to the two remote wires with wire nuts. Turn the power on with the remote, and adjust to the desired setting. If power is lost, the remote will need to be turned back on and reset to the desired temperature. The TK-RE01 is not waterproof, so it should not be installed in areas where it will be exposed to excessive moisture or steam. Also, it should not be installed where it will be exposed to direct sunlight, or where it will be accessible to small children.

Temperatures above 120°F can cause death by scalding.

Temperature settings on the TK-RE01 are in Degrees F

100, 102, 104, 106, 108, 110, 111, 113, 115, 117, 122, 131, 140, 158, 167

Output temperature of the water that leaves the 240FX

Cold water temp + the degree rise = output temperature
- 90°F Rise / 2.9 gallons per minute
- 80°F Rise / 3.3 gallons per minute
- 70°F Rise / 3.8 gallons per minute
- 60°F Rise / 4.4 gallons per minute
- 50°F Rise / 5.3 gallons per minute