

Subject: SB 020 -Calibration of RTU 054

We've had several questions regarding the trim pot located inside the RTU 054. This trim pot is used at the factory for calibrating the RTU dial setting to the room temperature.

In applications where the room temperature does not match the dial setting, the trim pot can be adjusted to fine tune the room temperature. The trim pot has a total of 5°F (3°C) adjustment.

The scale shown on the PC board is equivalent to 1°F. Turning the dial by this distance the room temperature is adjusted by 1°F.

To re-calibrate the RTU let's assume the following conditions:

- RTU dial setting is set to 70°F.
- Room temperature is 68°F.

The trim pot must be adjusted 2°F clockwise.

Sincerely yours,
tekmar Control Systems Ltd.

