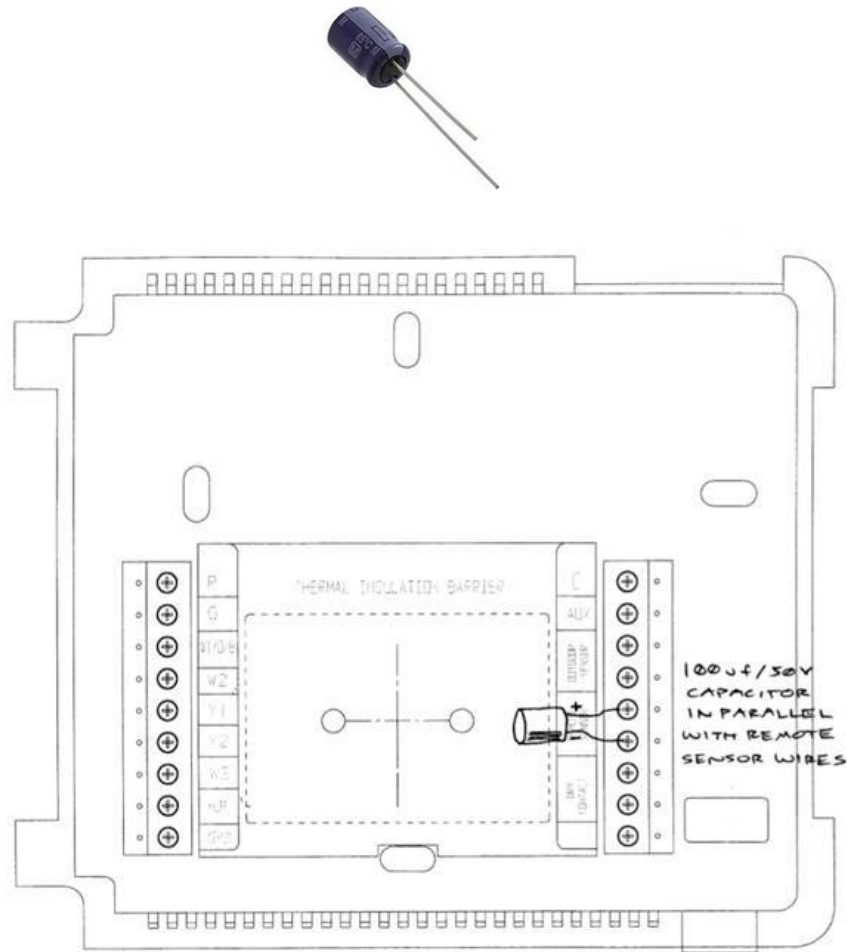


Remote Temperature Sensor Reading is Bouncing

A small 100uf/50V capacitor can be wired in parallel on a backplate to help eliminate minor temperature sensor bounce issues in noisy VFD applications or when the 10K Ohm remote sensor wiring has been routed to close to high voltage.

This capacitor goes across the backplate's two sensor terminals. You will then have two wires going into each terminal (one wire from the 10K Ohm sensor and one wire from the capacitor). This capacitor is polarized and has both + and – terminals and it does matter how it gets wired. Capacitor manufacturers usually mark the “–” lead, with a white band. Also, on both the T4900 and Color Touch circuit boards we had the factory label white + and – indicators. Here's a simple T4900 wiring diagram and picture of the actual 100uf/50V capacitor.



Contact U S Air Tech Support. We do have some resistors available.

Email request to usacdtech@us-ac.com