



## Accutrol Test Procedure

### Recommended Test Method

Locate the short pieces of tubing that contain the accutrols. This piece of tubing is located between the liquid header and the indoor coil. You must be able to physical see this piece of tubing during the test.

1. Disconnect the power to the unit to prevent hazard of electrical shock.
2. Locate indoor fan contactor and remove the indoor fan motor wires and insulate.
3. Install a jumper between R & Y on the low voltage terminal strip.
4. Install refrigerant gauges to monitor system pressures.
5. Minimize convective air currents through the indoor coil.
6. Turn power on to the unit to run the compressor and condenser fan(s).
7. Observe the short sections of tubing that contain the accutrols and note time to frost on all pieces of tubing. They should all frost within 30 to 45 seconds of each other (downstream of the accutrol) as long as the saturated suction temperature is 32 degrees or lower. Time may vary slightly due to convective air currents and the size of the coil. Tubing that frost slowly (more than 90 seconds) or do not frost are restricted or missing, and require repair or replacement of the evaporator coil.
8. If all pieces of tubing frosted normally, disconnect power to the unit and remove the jumper between R & Y. Reconnect the indoor fan motor wires. Reinstall unit panels and restore power to the unit.

Some evaporator coils that have plugged, restricted, or missing accutrols can be repaired by replacing the liquid line header which includes new accutrols. Some coils can be repaired by installing a TXV assembly in place of the accutrols - see [TXV Kits](#). In extreme cases the entire evaporator coil will have to be replaced.