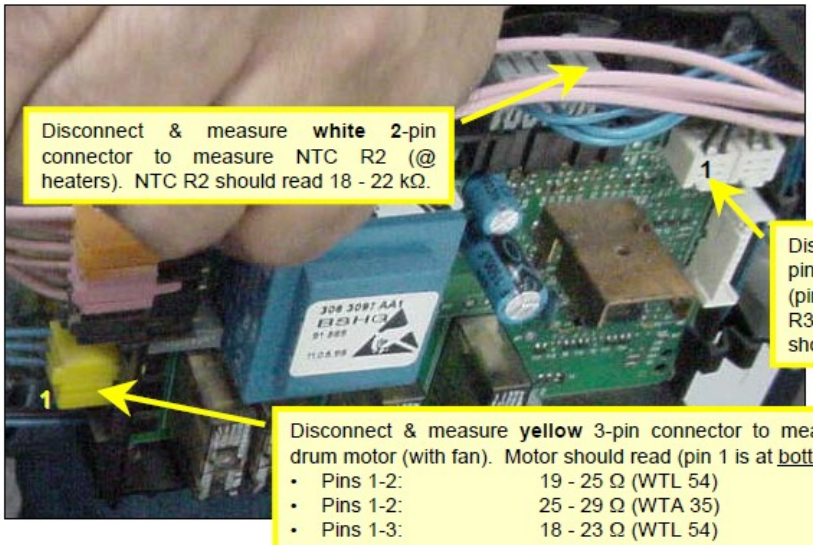
Resistance Measurements from Control Module (2)



Disconnect & measure **white** 2-pin connector to measure NTC R2 (@ heaters). NTC R2 should read 18 - 22 kΩ.

Disconnect & measure **white** 3-pin connector between pins 1-3 (pin 1 is at left) to measure NTC R3 (@ door frame). NTC R3 should read 9 - 11 kΩ.

Disconnect & measure **yellow** 3-pin connector to measure drum motor (with fan). Motor should read (pin 1 is at bottom):

- Pins 1-2: 19 - 25 Ω (WTL 54)
- Pins 1-2: 25 - 29 Ω (WTA 35)
- Pins 1-3: 18 - 23 Ω (WTL 54)
- Pins 1-3: 25 - 30 Ω (WTA 35)

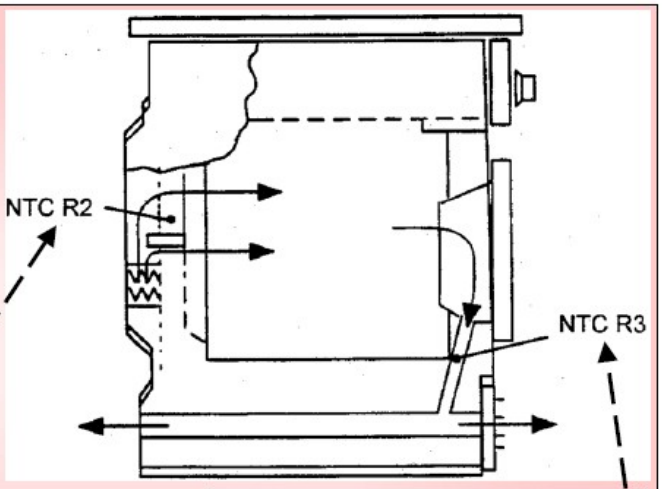
WTA 3510 model shown

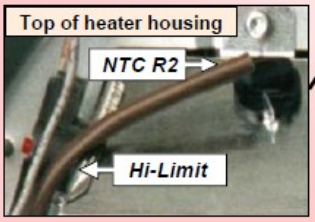
WTA 35 & WTL 54 Service Tips --

Dryer Operation (2): NTC Locations

Two NTC sensors measure the air temperature to prevent overheating.

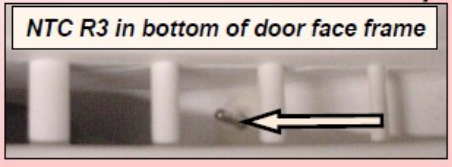
- **NTC R2 --** Measures the air temperature in front of the heater.
- **NTC R3 --** Measures the air temperature at the dryer door.





HINT: Keeping lint filter & vent hoses clean of lint will keep NTC's from tripping unnecessarily.

NTC R3 in bottom of door face frame



Dryer Operation (3): Preventing Overheating

The control module continually measures drying temperatures and turns off heaters as needed to lower temperatures to proper levels.

The control module drops the heat setting down one level whenever overheating occurs and whenever the drum rotates counterclockwise.

- From **3** (heater **E2** + **E3**) to **2** (heater **E3** only)
- From **2** (heater **E3** only) to **0** (**off** - no heat).

NOTE: Heaters cycle on and off as needed to keep temperatures at appropriate levels.

