

SUBJECT: Testing the Beckett Igniter

Quick, Precision Check for Improved Performance & Reliability

When the first electronic igniters were brought to market, the word was that they were easy to service because they were either good or bad. It turns out, this is not true...but igniters are easy to check. First, turn off the power. Next, using a quality Ohmmeter, test from one igniter spring to the igniter case. Write down the finding. Then test from the other igniter spring to the igniter case. The two readings should be within 10% of each other. IF the Ohms reading is off more than 10%, replace the igniter. Finally, if you are finding that igniter life is short at a particular installation, check the grounding. The electronics require a good ground or they will not last.

Where's That Combustion Chamber in Relation to the Air Tube?

When installing a burner on a Thermo Pride furnace, be sure to check the insertion depth of the air tube — this is true on both new and existing installations. On new installations, shipping and handling may cause the combustion chamber to either slide front or back. Reposition the chamber so the air tube is back 1/4 of an inch from the inside surface of the chamber. Do not allow the air tube to touch or protrude into the combustion chamber; this will cause the air tube to overheat and warp. The OL2, OH2 and OC2 have positioning clips that hold the chamber in the correct positions. Be sure the combustion chamber is pulled back against these clips. Anytime you pull a burner, be sure to check the position of the combustion chamber in relation to the air tube.