

Replacement Tubular Unit Heater and Duct Furnace control board 11J28-06881

When replacing tubular unit heater control board part # 11J28-06881 you will notice the design has been updated. The cooling relay and corresponding terminals have been removed from the board since unit heaters do not have a mechanical cooling mode. We also improved the control board troubleshooting LED. The LED now comes with a 20" wire so that if the owner chooses to, the LED can be run to the exterior of the unit cabinet. This assist with troubleshooting the unit without the need to remove any panels.

To install the new board, the wire from the fan motor which were previously connected to the "ACB heat" and "ACB cool" terminals will now land on terminal designated as "ACC1" on replacement board. The jumper that was previously used between the "ACB heat" and "ACB cool" terminals is no longer needed.

If the owner does not wish to run the LED to the exterior of the unit, the LED can placed in the bottom of the electrical compartment. For the low profile, propeller unit heater models, the LED should be placed in the electrical compartment away from the burner.

To install the LED on the on the exterior of the unit an 11/16" hole will need to be drilled in the jacket panel. Care should be taken when selected a mounting hole location to ensure that wire does not run to close to the burner on tubular duct furnaces and low profile, propeller unit heater models. For ease of viewing, it is recommend the hole be placed on the front panel for tubular duct furnaces and low profile propeller unit heater models. For other tubular unit heater models, it is recommend the hole be placed on the bottom panel of the electrical compartment for ease of viewing. One the hole is drilled, the LED is inserted into place and locked into place using the lock nut that shipped with the unit. The wire is then plugged into the pin connectors located on the control board net to the heating relay.

If further assistance is required, please call Mestek Technical Support at 413-568-9571.