

# TECHNICAL BULLETIN

## MODEL CPM-8E 5HP 230VOLT

### MACHINE DOES NOT START OR RUN

#### Troubleshooting Steps:

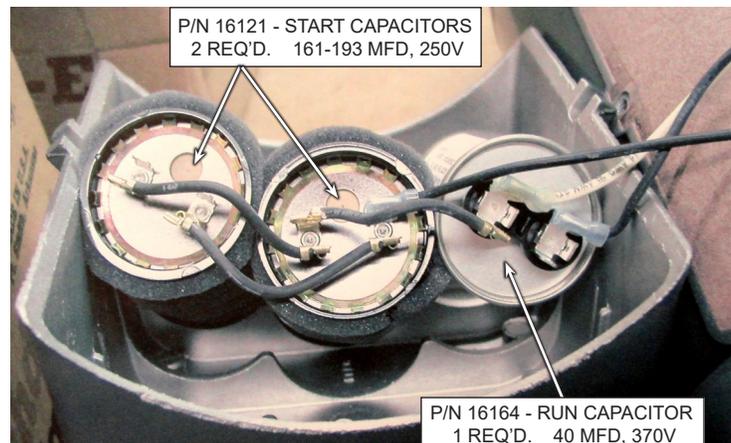
1. Verify the thermal protection reset button on the motor has been reset (pushed in).
2. Disconnect the unit from power. Verify all electrical connections inside the rotary cam switch box and to the motor start & run capacitors are connected and intact. Repair wiring accordingly.
3. Using a Volt-Ohm Meter (A.K.A. Multimeter), verify the rotary cam switch box is receiving and delivering 230V, 30 Amp power. If not delivering power, replace switch box, P/N 77043.  
Note: This unit is rated 230V only. Do not run under 208V or any other voltage.
4. Disconnect the unit from power. Inspect the capacitors for any burnt smell, leaking of liquid/gel or if they are swollen. Replace the capacitors if this occurs.
5. If the unit does not start, replace start capacitors, P/N 16121. Two are required.
6. If the unit does start, but does not stay running, then replace the run capacitor, P/N 16164.
7. If both the start and run capacitors are intact or have been replaced and the motor still does not run, take motor to the local Baldor Motor service center for repair. Link to locate the nearest Baldor service center: <https://www.baldor.com/resources-and-support/customer-support/service-centers>
8. Note: Start & Run capacitors typically fail when insufficient power is available causing motors to overheat and the thermal reset button is reset but the motors do not get about 30 minutes of idle time to cool down. Most overheating issues occur when excessive cabling length is connected to the machine or insufficient gauge is utilized. EDCO recommends running a maximum 100 foot 10 gauge cable.

#### Thermal Protection “Reset” Button



#### Motor Start and Run Capacitors

**Disconnect from power** before removing the cover and handling the capacitors or touching the wires.



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