



Express Electrical Check: Industrial Series Air Compressors

1. Check Motor Connection:

Lock Out Power. Check the motor was initially wired to match your incoming voltage. Refer to the wiring diagram on the motor.

2. Check Starter Connections:

Lock Out Power. Remove metal cover of the Starter Box. Check that all wires are in place and securely tightened to the connectors.

3. Check Capacitor Connections:

Lock Out Power. Remove metal cover on Motor housing. Check that all connections to Capacitors are secure and correct.

4. First Voltage Check:

Monitor the voltage with the compressor running. If the voltage is below 10% of the voltage listed on the motor name plate you may need to increase your wire size.

5. Second Voltage Check:

Fill compressor tank full of air to shut off pressure (175 PSI). Pull safety valve ring next to Pressure Switch until the compressor begins to run. Take another reading at the time the compressor starts. There should not be more than a momentary drop in voltage. If there is a drop in voltage longer than a few seconds the wire size may need to be increased.