

# ELECTRIC COMPRESSOR TROUBLESHOOTING

The following guide has been compiled to assist the consumer in identifying problems that may be encountered with electric compressors. Please inspect for possible causes and contact an authorized service center when necessary.

<b>SYMPTOM</b>	<b>POSSIBLE CAUSE</b>	<b>CORRECTIVE ACTION</b>
<b>Motor Won't Start</b>	No Power to Compressor Switch Lever in "Off" Position Faulty Start Relay Faulty Start Capacitor	Check Circuit Breaker or Fuse. Move Switch Lever to On Position.  ◆ ◆
<b>Compressor Won't Restart</b>	Check Valve Leaks Low Voltage to compressor Pressure Switch Hanging Up	Inspect/Check Valve-Contact Service Center. Connect Unit to Sufficient Voltage Source. Inspect Pressure Switch-Contact Service Center.
<b>Low Air Output</b>	Leak At Fitting(s)  Broken Valve Flapper Debris in Valves Faulty Head Gasket Faulty Valve Plate Gasket Worn Piston Cup	Inspect Fittings-If Loose or Damaged Contact Service Center.  ◆ ◆ ◆ ◆ ◆
<b>Compressor Won't Shut Off</b>	Leak At Fitting(s)  Broken Valve Flapper Debris in Valves Faulty Head Gasket Faulty Valve Plate Gasket Worn Piston Cup Relief Valve Leaking	Inspect Fittings-If Loose or Damaged Contact Service Center.  ◆ ◆ ◆ ◆ ◆ ◆
<b>Water in Air Lines or Tools</b>	Tank Not Drained Regularly	Drain Air from Tank(s) through Drain Valves. Ensure Air Lines are Free of Moisture.
<b>Low Pressure to Tools</b>	Damaged Gauge on Regulator Regulator Not Adjusted Properly Faulty Regulator	Inspect Gauge-Contact Service Center. Adjust Regulator to Required Pressure. Inspect Regulator-Contact Service Center.

◆ These procedures require special fixtures, tools or assembly techniques available only through Service Centers. Please contact an authorized Service Center for assistance.