

## TROUBLESHOOTING CHART

**Note:** Troubleshooting problems may have similar causes and solutions.

PROBLEM	POSSIBLE CAUSE	SOLUTION
<b>Excessive current draw trips circuit breaker of motor reset switch</b>	Low voltage/motor overload	Check that power supply is adequate and that compressor is on a dedicated circuit. If using extension cord, try using without. If compressor is connected to a circuit protected by a fuse, use dual element time delay fuses (Buss Fusetron type "T" only).
	Drive belt too tight	Readjust belt tension
	Restricted air passages	Inspect and replace transfer tubes or check valve, as required.
<b>Compressor stalls</b>	Low voltage motor	Furnish adequate power.
	Bad check valve	Replace the check valve.
	Seized pump	Contact authorized service center.
<b>Low discharge pressure</b>	Air leaks	Tighten or replace leaking fittings or connections. Do not overtighten.
	Leaking valves	Contact authorized service center.
	Restricted air intake	Clean or replace air filter element(s).
	Blown gaskets	Contact authorized service center.
	Worn piston rings or cylinder	Contact authorized service center.
<b>Compressor pump knocking</b>	Loose engine pulley or compressor flywheel	Retighten pulley and flywheel. Check alignment.
	Low oil level in pump crankcase	Keep oil at proper level at all times.
	Excess carbon on valves or top of piston	Contact authorized service center.
<b>Oil in discharge air</b>	Worn piston rings or cylinder	Contact authorized service center.
	Restricted air intake	Clean or replace the air filter element(s).
	Oil level too high	Reduce to proper level.
<b>Overheating</b>	Poor ventilation	Relocate compressor to an area with cool, dry, well circulated air, at least 12 in. from nearest wall.
	Dirty cooling surfaces	Clean all cooling surfaces thoroughly.
	Restricted air passages	Replace transfer tubes and/or unloader.
<b>Excessive belt wear</b>	Pulley out of alignment	Realign pulley with compressor flywheel.
	Improper belt tension	Readjust.
	Pulley wobbles	Replace the pulley and check for a damaged crankshaft or flywheel.
<b>Compressor won't start in cold temperatures</b>	Too much back pressure in tank	Open petcock when starting motor.
	40W oil in crankcase	Use SAE 10W-30 synthetic oil.
	Compressor too cold	Move compressor to a warmer location.