

# COMMON AIR COMPRESSOR PROBLEMS & SOLUTIONS

BELOW I HAVE SORTED OUT THE MOST COMMON AIR COMPRESSOR PROBLEMS AND SOLUTIONS THAT YOU CAN EASILY SKIM THROUGH.



NO	PROBLEMS		SOLUTIONS
1	Air Compressor Leak	Solution 1	Check if there are holes in the air hose and valves
		Solution 2	Look for hissing sounds



2	Air Compressor Fails to Start	Solution 1	Replace power extensions with direct connections
		Solution 2	Check if the pressure switch is working
		Solution 3	Check cut-in and cut-out pressure
		Solution 4	Check the level of oil
		Solution 5	Check if the intake filter is blocked
		Solution 6	Verify and replace the bad capacitors
		Solution 7	Verify if overload protection mechanism has turned on
		Solution 8	Check and replace fuses, or reset tripped breakers



3	Air Compressor Fails to Stop	Solution 1	Replace The Pressure Relief Valve
		Solution 2	Replace the pressure switch
		Solution 3	Replace the power switch



4	Air Compressor Won't Build Pressure	Solution 1	Check if the filters are dirty or not
		Solution 2	Replace the damaged gasket/belt
		Solution 3	Fix misaligned or worn-out rings/valves
		Solution 4	Fix if there are leaks in distribution lines



5	Air Compressor Building Too Much Pressure	Solution 1	The coupler is not fitted properly
		Solution 2	Replace the broken intake filters
		Solution 3	Check if the pressure gauge setting is too low
		Solution 4	Check intake/pressure/tank check valve, gasket, or piston seal are damaged or worn out



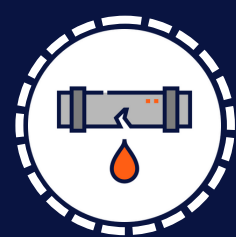
6	Air Compressor is Blowing Fuses	Solution 1	Replacing the unloader valve
		Solution 2	Check compressor's internal wiring circuit
		Solution 3	Replace power extensions with direct connections



7	Air Compressor Tripping Breaker on Startup	Solution 1	Replacing the unloader valve
		Solution 2	Check the bleed-off valve
		Solution 3	Check If motor is drawing too much amperage



8	Air Compressor Boggling Down	Solution 1	Use a separate power supply for compressor
		Solution 2	Fix or replace the unloader valve
		Solution 3	Check and verify the compressor motor



9	Air Compressor Oil Problems	Solution 1	Verify if you have the wrong oil viscosity
		Solution 2	Remove if there is excessive oil in the tank
		Solution 3	Tighten up loose fittings/connectors
		Solution 4	Check if the air intake is restricted or hose is kinked
		Solution 5	Examine if oil lines are damaged
		Solution 6	Replace gasket/seals/filters if they are worn out
		Solution 7	Check & replace the piston rings if they are inverted/expired



10	Air Compressor Noise and Vibrations	Solution 1	Verify and adjust pistons if they hit valve plate
		Solution 2	Check if motor bearings are worn out or not
		Solution 3	Adjust/tight misaligned or loose bolts, belts, screws, pulleys
		Solution 4	Repair or replace the faulty crankcase
		Solution 5	Properly mount the air compressor



11	Air Compressor Overheating	Solution 1	Verify if compressor is getting limited air intake
		Solution 2	Check if the filter/hoses are clogged or not
		Solution 3	Clean the gathered up dirt in compressor
		Solution 4	Check the oil level if it's low then add more
		Solution 5	Don't place compressor in hot/poorly ventilated space
		Solution 6	Over-cycling, Use compressor within its recommended duty cycle
		Solution 7	Verify if the air compressor cooling system is faulty



12	Too Much Air Compressor Power Consumption	Solution 1	Do regular maintenance
		Solution 2	Check if there are air leaks
		Solution 3	Replace or repair the motor
		Solution 4	Operating at a higher pressure than a requirement