



INSTALLATION CHECKLIST

In order to validate the warranty on your compressor, C-Aire requires this checklist be completed and kept for reference.

INSPECT FOR DAMAGE

- Carefully inspect the unit for damage that may have occurred during shipping. If damage has occurred, it should be noted on the freight carrier's bill of lading. (The manufacturer of this product is in no way responsible for damage or losses resulting from damage during shipping. All claims must be filed through the carrier's claim department.)

LOCATION AND INSTALLATION OF COMPRESSOR

- Compressor is installed over 18" from any wall
- There is more than 12" from the top of the compressor pump to the ceiling
- The compressor is located in a well ventilated area
- For workshops under jurisdiction of OSHA; OSHA requires compressors to be anchored to the floor.
 - 3 Leg bolts are hand tightened to the floor
 - 1 Leg bolt left loose
 - Use a level and shims to ensure the compressor top plate is perfectly level
- Mount compressor on anti-vibration/mounting pads. Failure to do so will cause premature tank leaks and void warranty.

ELECTRICAL

- Electrical connections must be made by licensed electrician
- Use the wiring instructions to make electrical connections
- Ensure the correct gauge wire is used based on the Amp draw and distance to the circuit breaker box
 - Distance to circuit box: _____
 - Gauge wire used from box to compressor: _____
 - Amp rating for circuit breaker: _____
- Check Volts before compressor is started up:
 - Single Phase: _____ - Three Phase: L1:L2 _____ L1:L3 _____ L2:L3 _____
- Check Amps and Volts at start up:
 - Single Phase Volts: _____ - Three Phase Volts: L1:L2 _____ L1:L3 _____ L2:L3 _____
 - Single Phase Amps: _____ - Three Phase Amps: L1:L2 _____ L1:L3 _____ L2:L3 _____
- Check Amps and Volts at maximum pressure before the compressor shuts off:
 - Single Phase Volts: _____ - Three Phase Volts: L1:L2 _____ L1:L3 _____ L2:L3 _____
 - Single Phase Amps: _____ - Three Phase Amps: L1:L2 _____ L1:L3 _____ L2:L3 _____

COMPONENT FUNCTION

- Be sure the pump unloads pressure, either at shut down if it is a Mechanical Unloader or immediately at start up if it is an Electronic Head Unloader.

THREE PHASE UNITS ONLY

- Check rotation of the flywheel. Be sure its rotation matches the direction of the arrow which refers to the top loop of the belt(s).



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'C' The Advantage™

START TIME: _____ END TIME: _____

RECIPROCATING COMPRESSOR MAINTENANCE CHECKLIST

DATE OF INSPECTION: _____ / _____ / _____

CUSTOMER NAME: _____

CUSTOMER ADDRESS: _____

COMPRESSOR TYPE: RECIPROCATING

MODEL NUMBER: _____ (HP): _____

SERIAL NUMBER: _____

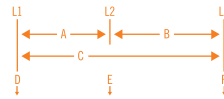
MFG DATE: _____ NEXT MAINT. DATE: _____

WORK ORDER NUMBER: _____

GENERAL INSPECTIONS - (CHECK AND RECORD, IF APPLICABLE)

1. Inlet Filter Located Inside or Outside _____
2. Housing Condition _____
3. Inlet Filter Condition Last Changed: (Date) _____ / _____ / _____
(Hours) _____
4. Package Discharge Pressure (PSIG / Bar) _____
5. Full Load Pump Discharge Air Temp (°F/°C) _____
6. Ambient Temperature (°F/°C) Room _____ Intake _____
7. Oil Level _____ / _____
8. Grease Motors _____
(Type of Grease) _____
9. Oil Leaks (Class 1, 2, 3) _____
10. Excessive Vibration, is unit tight?
Properly Installed _____
11. Belts Tight - Condition _____
12. Unit Safety Valves PSI _____ Flow _____
13. Unit Properly Regulated _____
14. Condition of Regulator Filter _____
15. Coolant Type _____
16. Coolant Changed _____
17. Inner-Cooler/After-Cooler Cleaned _____
18. Check Online/Offline Pressure _____
19. Check Line Filters _____
20. Check Air Leaks _____
21. Blow Out Dryer and Check _____
22. Belt Guard Secure _____
23. Check Pressure Switch _____
24. Check Condensate Drains _____
25. Check Oil/Water Separator _____
26. Clean Unit _____

ELECTRICAL INSPECTION - (CHECK AND RECORD THE FOLLOWING)



27. Voltage A _____ B _____ C _____
D _____ E _____ F _____
28. Amperage L1 _____ L2 _____ L3 _____
29. Voltage Drop L1 _____ L2 _____ L3 _____
30. Total Package Amps (Full Load) L1 _____ L2 _____ L3 _____
31. Inspect Contactors _____
32. View Electrical Connections _____
33. Duty Cycle Test _____

PARTS USED:

Part #	Description	Quantity

NOTES: _____

A. OK B. Fixed/Changed/Cleaned During Visit C. Still Required Repair/Changing/Cleaning

- Y N
- Does customer have adequate spare parts? (If NO, enter recommendation below)
- Is there any additional maintenance needed?
- If Yes, is it urgent?

Recommendations:

INSPECTED BY: _____ DATE: _____
(Serviceman's Signature)

APPROVED BY: _____ DATE: _____
(Customer's Signature)

(Customer's Name/Title PRINTED)