

Maintenance

⚠ WARNING



Electric shock hazard. Can cause injury or death. Before attempting to perform any service or maintenance, turn the electrical power to unit OFF at disconnect switch(es). Unit may have multiple power supplies.

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause personal injury, loss of life, or damage to property.

Installation and service must be performed by a licensed professional installer (or equivalent) or a service agency.

Maintenance and service must be performed by a qualified installer or service agency. At the beginning of each cooling season, the system should be checked as follows:

Outdoor Unit

1. Outdoor unit fan motor is pre-lubricated and sealed. No further lubrication is needed.
2. Visually inspect all connecting lines, joints and coils for evidence of oil leaks.
3. Check all wiring for loose connections.
4. Check for correct voltage at unit (unit operating).
5. Check amp draw on outdoor fan motor.

Motor Nameplate: _____ **Actual:** _____.

6. Inspect drain holes in coil compartment base and clean if necessary.

NOTE - If insufficient cooling occurs, the unit should be gauged and refrigerant charge should be checked.

Outdoor Coil

Clean and inspect outdoor coil (may be flushed with a water hose). Ensure power is off before cleaning.

NOTE — It may be necessary to flush the outdoor coil more frequently if it is exposed to substances which are corrosive or which block airflow across the coil (e.g., pet urine, cottonwood seeds, fertilizers, fluids that may contain high levels of corrosive chemicals such as salts)

Sea Coast — Moist air in ocean locations can carry salt, which is corrosive to most metal. Units that are located near the ocean require frequent inspections and maintenance. These inspections will determine the necessary need to wash the unit including the outdoor coil. Consult your installing contractor for proper intervals/procedures for your geographic area or service contract.

Indoor Unit

1. Clean or change filters.
2. Lennox blower motors are prelubricated and permanently sealed. No more lubrication is needed.
3. Adjust blower speed for cooling. Measure the pressure drop over the coil to determine the correct blower CFM. Refer to the unit information service manual for pressure drop tables and procedure.
4. *Belt Drive Blowers* - Check belt for wear and proper tension.
5. Check all wiring for loose connections.
6. Check for correct voltage at unit. (blower operating)
7. Check amp draw on blower motor.

Motor Nameplate: _____ **Actual:** _____.

Indoor Coil

1. Clean coil if necessary.
2. Check connecting lines, joints and coil for evidence of oil leaks.
3. Check condensate line and clean if necessary.

Start-Up and Performance Checklist

Job Name _____		Job no. _____		Date _____	
Job Location _____		City _____		State _____	
Installer _____		City _____		State _____	
Unit Model No. _____		Serial No. _____		Service Technician _____	
Nameplate Voltage _____					
Rated Load Ampacity _____		Compressor _____		Outdoor Fan _____	
Maximum Fuse or Circuit Breaker _____					
Electrical Connections Tight? <input type="checkbox"/>		Indoor Filter clean? <input type="checkbox"/>		Supply Voltage (Unit Off) _____	
Indoor Blower RPM _____		S.P. Drop Over Indoor (Dry) _____		Outdoor Coil Entering Air Temp. _____	
Discharge Pressure _____		Suction Pressure _____		Refrigerant Charge Checked? <input type="checkbox"/>	
Refrigerant Lines: - Leak Checked? <input type="checkbox"/>			Properly Insulated? <input type="checkbox"/>		
Service Valves: --- Fully Opened? <input type="checkbox"/>			Caps Tight? <input type="checkbox"/>		
Voltage With Compressor Operating _____			Outdoor Fan Checked? <input type="checkbox"/>		
Thermostat					
Calibrated? <input type="checkbox"/>		Properly Set? <input type="checkbox"/>		Level? <input type="checkbox"/>	