

21 POINT COOLING INSPECTION

1. **Inspect and Clean Air Filters:** Check and replace or clean air filters.
2. **Inspect Thermostat:** Ensure the thermostat is working correctly and calibrated.
3. **Visually Inspect Air Handler:** Check overall condition of unit.
4. **Check Condensate Drain:** Ensure the condensate pan and drain is clear and not clogged.
5. **Check Refrigerant Levels:** Verify that refrigerant levels are within the manufacturer's specifications.
6. **Inspect and Tighten Belts:** Ensure that belts are in good condition and properly tightened.
7. **Inspect Evaporator Coil:** Spray with cleaner and inspect, if deep cleaning is required a written quote will be provided.
8. **Visually Inspect Ductwork:** Look for leaks, gaps, or other issues in the ductwork.
9. **Inspect Fan Blades:** Check for bent or damaged blades and ensure the fan is working properly. Tighten as necessary.
10. **Inspect Insulation:** Check insulation on refrigerant lines for any damage.
11. **Examine Capacitors:** Check and replace capacitors if they show signs of wear.
12. **Inspect Electrical Components:** Check wiring and electrical connections for signs of wear or damage. Tighten as necessary.
13. **Lubricate Moving Parts:** Lubricate motors and other moving parts as per manufacturer recommendations.
14. **Check System Controls:** Test the starting cycle, operation, and shut-off sequence.
15. **Check for Refrigerant Leaks:** Inspect for any signs of refrigerant leaks and repair if necessary.
16. **Verify System Pressure:** Check the system pressure to ensure it's within the recommended range.
17. **Test Safety Controls:** Verify that safety controls are functioning correctly.
18. **Inspect the Condensing Unit:** Inspect for debris around the condensing unit ensure proper airflow and overall condition.
19. **Check for Strange Noises:** Listen for any unusual sounds and address them promptly.
20. **Check Fan Motors:** Test for proper voltages and amps.
21. **Clean Condenser Coils:** Use a coil cleaner to remove dirt and debris.