

HVAC Inspection Checklist

Safety Measures and Equipment

- Document Specifics of HVAC Systems**
 - Record model numbers and manufacturer details.
 - Note installation dates and warranty information.
- Wear Appropriate Safety Gear**
 - Gloves, safety goggles, and any other necessary personal protective equipment (PPE).
- Ensure HVAC System Power is Turned Off**
 - Before beginning inspection or maintenance tasks.

Air Conditioning System Inspection

- Blower Motor Functionality**
 - Check for smooth operation, no unusual noises.
 - Verify belt tension and wear.
- Inspect for Dust and Debris Accumulation**
 - Clean or replace filters as necessary.
 - Ensure air intake vents are clear.
- Verify Proper Installation of Filters**
 - Check for correct size and type.
 - Ensure filters are securely in place.
- Clean Evaporator Coils**
 - Remove dirt and debris to maintain efficiency.
 - Inspect coil fins for damage and straighten if necessary.

Heating System Inspection

- Inspect Heat Exchanger**
 - Look for cracks, corrosion, or signs of wear.
 - Perform a visual inspection and use a borescope if needed.
- Check Heat Transfer**
 - Measure temperature differential across heat exchanger.
 - Ensure proper airflow and distribution.
- Test Ignition Components**
 - Check pilot light, igniter, and flame sensor for proper operation.
 - Clean components as necessary.

Electric Inspection

- Inspect for Loose or Corroded Wires**
 - Tighten connections and replace damaged wires.
 - Check wiring diagrams for correct connections
- Test Circuit Breakers and Fuses**
 - Verify proper amperage and functionality.
 - Reset breakers and replace fuses if necessary.
- Ensure Proper Insulation**
 - Check for worn or damaged insulation.
 - Repair or replace insulation to prevent short circuits.
- Verify Operation of Ground Fault Circuit Interrupters (GFCIs)**
 - Test GFCIs for proper operation and reset functionality.
 - Check wiring for GFCIs in wet or damp locations.

Water Heater Inspection

- Check Water Heater Thermostat**
 - Verify temperature settings and adjust if needed.
 - Ensure thermostat is accurate and responsive.
- Inspect for Signs of Rust or Leaks**
 - Check tank and fittings for corrosion or water stains.
 - Look for puddles or damp areas indicating leaks.
- Check for Any Signs of Leaking or Malfunction**
 - Investigate any unusual noises or odours from the water heater.
 - Perform a pressure test if leaks are suspected.
- Ensure Proper Ventilation**
 - Inspect flue and venting system for blockages or damage.
 - Check clearance around vent pipes to prevent obstruction.

This checklist is for informational purposes only. We make no representation or warranty regarding its accuracy, adequacy, or completeness.