



BASIC COMFORT \$149.00

BASIC HVAC SYSTEM MAINTENANCE

HEATING INSPECTION—

- Air Filter Clean—Permanent Filters
- Replace customer supplied standard air filter
- Inspect Air Filter Housing and Air Seal
- Test Safety Control Operations, Control Sequences, and Test Ranges
- Test Thermostat Operation
- Test and inspect Drain pan Safety Switches
- Test and inspect Unit Door safety Switch
- Inspect Electrical Disconnect box
- Check Equipment Grounding
- Measure and record Line Voltage
- Inspect and Test Contactors and Relays
- Inspect Electrical Connections and wiring
- Inspect all stand-alone capacitors
- Measure and record AMP draw to blower motor and nameplate FLA as available
- Blower motor AMP's
- Blower motor VOLTS
- Inspect fan belt tension—(If applicable)
- Inspect Belt and Pulleys for wear and tear
- Inspect fan blade and blower wheel connection to blower motor shaft
- Test VFD for proper operation
- Test inducer Fan motor and blower assembly
- Inspect and clean condensate drain and traps
- Test condensate pump
- Inspect burner and flue for water, corrosion, and blockages
- Test main burner ignition
- Test burners
- Inspect Heat exchanger for signs of corrosion, structural problems, and erratic flame
- Inspect & Record OHM Reading on hot surface Ignitor
- Measure & Record Inlet Gas Pressure

- Test and Inspect Inducer Fan Motor & Blower Assembly
- Inspect Vent Exhaust
- Inspect Vent connectors
- Inspect inlet and exhaust vent pipe
- Inspect for combustible Materials Near venting or pipe
- Inspect Visible Fuel Connections

COOLING INSPECTION—

- Air Filter Clean
- Replace customer supplied standard air filter
- Inspect Air Filter Housing & Air Seal
- Test Safety Control Operations, Control Sequences & Test Ranges
- Test Thermostat Operation
- Test & Inspect Drain Pan Safety Switches
- Test & Inspect Unit Safety Switch
- Inspect Electrical Disconnect Box
- Check Equipment Grounding
- Measure & Record Line Voltage
- Inspect & Test Contactors & Relays
- Inspect Electrical Connections & Wire
- Inspect All Stand Alone Capacitors
- Measure & Record AMP Draw To Blower Motor / Nameplate Data (FLA) As Available
- Blower Motor AMPs
- Blower Motor Volts
- Inspect Fan Belt Tension
- Inspect Belt & Pulleys For Wear & Tear
- Inspect Fan Blade & Blower Wheel Connection To Blower Motor Shaft.
- Measure & Record Amp Draw On Condenser Fan Motor
- Condenser Fan Motor Amps
- Condenser Fan Motor Volts
- Inspect & Clean Condensate Drain & Traps
- Inspect Drain Pan & Accessible Drain Line For Biological Growth
- Test Condensate Pump
- Inspect Condensate Blowing From Coil Into Cabinet
- Measure & Record TD Across Evaporator Coil
- Record Indoor Coil Entering Temperature
- Record Indoor Coil Leaving Temperature
- Inspect Coil Fins
- Inspect Accessible Refrigerant Lines For Oil Leaks
- Inspect Refrigerant Line Insulation
- Measure Pressure Drop Across Coil
- Inspect Indoor Coil For Dirt Buildup If Accessible

- Inspect Outdoor Coil For Dirt Buildup
- Record Outdoor Coil Entering Temperature
- Record Outdoor Coil Leaving Temperature
- Rinse Outdoor Coil
- Rinse Outdoor Coil With Approved Detergent
- Record Compressor AMPS
- Record Compressor Volts
- Record Suction PSIG
- Record Discharge PSIG
- Record Superheat
- Heat Pump: Test Reversing Valve
- Heat Pump: Measure & Record System Refrigeration Charge In Heating When TD Is Out Of Specifications
- Heat Pump: Test Defrost Cycle
- Heat Pump: Inspect Outdoor Unit Condensate Drain Ports

