Job #794452302

Heating System Evaluation Checklist

Job Details

Client Name

Patrick & Amanda Murphy

Location Address

2525 Bristolwood Drive Northwest, Grand Rapids, MI 49544 USA

Technician

Cameron Lezman

Date

2026-09-22

Thermostat

Thermostat Setting on Arrival

Temperature Setting, Mode (Program/Hold), Fan Setting

75 cool

Thermostat Batteries

Checked

System Operational State Upon Arrival

Operational

Zone Dampers & Control Panel

N/A

Furnace / Boiler

System Age

5 years

Equipment Efficiency Rating (*80%-Minimum Government Standard)

95%

General Controls/Safeties Inspection

Temperature Limit Safeties/Pressure Switch Safeties/Gas Valve/Circuit Board/Ignition Module/Low voltage Connections
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Exhaust Venting & Combustion Air Inspection

Intake & Exhaust Piping/Outdoor Vent Terminations/Flue Pipe/Vent Damper/Combustion Air
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Evaporator Coil & Pan Condition

- [x] Good / Clean Coil

Burners & Crossovers

Good / Clean

Pilot Assembly / Pilot Flame

- [x] N/A

Igniter Condition

- [x] Passed / Good

Igniter - HSI Reading (ohms)

55.2

Flame Sensor Condition

OK & Cleaned

Flame Sensor Reading (µA)

2.7

Manifold Gas Pressure (in. w.c.) - Single/High Stage

3.5

Manifold Gas Pressure (in. w.c.) - Low Stage

-

Inducer / Vent Motor

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Inducer / Vent Motor Amps (A)

1.3

Inducer / Vent Motor Capacitor

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Inducer / Vent Motor Capacitor (mfd)

ECM

Blower Motor Amps/Temperature

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Blower Motor Amps (A)

2.5

Blower Motor Capacitor

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Blower Motor Capacitor (mfd)

ECM

Blower Wheel Condition

Dusty

Drain Trap / Tubing / Collector Box

Condensate system operating within manufacturer's specifications.
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Temperature Rise

Temperature Rise within manufacturer specifications
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Temperature Rise (Degrees)

54

Heat Exchanger Safety Inspection Method

- [x] Camera

Heat Exchanger Safety Inspection

Passed

Boiler System Components (Not Applicable on Furnaces)

Any issues are noted below

- [x] Not Applicable

Air Filtration System

Air Filter Size

16x25x1

Air Filter Type

Pleated - up to 3 months

Air Filter Condition

Partially Used

Specialty Air Quality Equipment

- [x] Not Installed

Humidifier

Humidifier Service Performed

- [x] Water Panel Replaced
- [x] Waterflow Proper
- [x] Drain Connection & Drop Tube
- [x] Drain Line
- [x] Bypass Damper Opened
- [x] Reset Reminder Timer
- [x] Humidistat Operation

Water Panel (Size / PN)

H35

Humidifier Operation

Central Humidifier System operation evaluation
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Condensate System

Drain Line System

- [x] Clean / Cleared
- [x] Tested & Flushed

Drain Treatment Installed

- [x] N/A

Condensate Pump

Condensate Pump Condition - if applicable

N/A

Condensate Pump

Condensate Pump Condition Photo - if applicable

Condensate System Overall Operation

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



General Safety Inspection

High Voltage Electrical Inspection

Fuse Rating/Secure Wiring Connections/Surge Protection/Service Switch
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Manual Gas Shut-off Valve

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



General Safety Inspection

Immediate area surrounding the furnace and mechanical room
(Green = Good / Yellow = Caution / Red = Failed, requires attention)



Water Heater

(Green = Good / Yellow = Caution / Red = Failed, requires attention)



System Run Test, Cleanup & Checkout

General System Cleaning

- [x] Completed

Equipment Service Sticker Installed & Completed

- [x] Completed

Surrounding Area Check

Verify all cords/plugs are installed properly. Sump Pump, Sewage Lift Pump, Appliances, Lights, etc.

- [x] Sump Pump/Sewage Lift Pump

System Operating Properly on Departure

- [x] Yes

Adjust Set point to Original Setting & Mode

- [x] Yes

Recommendations / Future Service

Recommendations that will help save you money, keep you comfortable and keep you safe!