Chadwell SUPPLY

FURNACE MAINTENANCE CHECKLIST

UNIT #_____ DATE _____ COMPLETED BY _____ FOLLOW-UP BY_____

CHECK WITH SYSTEM OFF:

COMPONENT	CRITERIA	NEED SERVICE? YES	NO	ADDITIONAL NOTES
Cabinet	Clean and free of soot, rust, or structural damage.	☐	☐	
Thermostat	Wired correctly, getting power, operating properly.	☐	☐	
Filter	Replace as needed.	☐	☐	
Phasing and Polarity	Ensure voltage is correct (92 to 97 volts) and polarity is not reversed (~ 150V).	☐	☐	
Control Board	Check connections and dip switches.	☐	☐	
Burner Assembly	Clean, free of debris, plates in proper position, and in good condition.	☐	☐	
Spark Igniter	Check the porcelain and solid wire for any cracks, holes, or other issues. Ohm check for infinite resistance.	☐	☐	
Hot Surface Igniter	Inspect surface condition, look for cracks. Test ohms with a multimeter.	☐	☐	
Gas Valve	Test pressures, adjust if necessary.	☐	☐	
Heat Exchanger	Clean and free of cracks, holes, moisture, or leaks.	☐	☐	
Blower and Motor	Clean, undamaged, and operating properly.	☐	☐	
Inducer Wheel	Fins are in good order and free of rust.	☐	☐	
Electrical	All wiring is connected properly and not scorched.	☐	☐	
Switches	Pressure, vent, limit switches are working properly. Wiring and tubing clean and in good condition.	☐	☐	
Gas Line	Line and all components are free of damage or leaks.	☐	☐	
Flame Sensing Rod	Clean and properly positioned: Connecting burner flame and the ignition board.	☐	☐	
Flue Vent, Pipe and Duct	Free of clogs, corrosion, condensation, or damage.	☐	☐	
Pilot Light (If Present)	Clean the pilot system.	☐	☐	

NOTE: This maintenance checklist applies to 80% gas furnaces.

CHECK WITH SYSTEM RUNNING:

Efficiency and Function Check — Visually check the unit for air flow and run the system to ensure everything is working properly.

Check Temperature Rise — Check the output against the manufacturer's acceptable range for that unit, which will be noted on the furnace's rating (data) plate.

_____ — _____ = _____

Return Air Temp | Supply Air Temp | Temperature Rise