

1	Clean and Check Gas Burners	To ensure smooth ignition, burner flames are observed for proper height, color, and alignment of burning	BENEFITS: Increased efficiency and fuel savings. Dirty burners prevent gas from being burned properly.
2	Clean and Check Pilot and Pilot Tube	The pilot flame needs to be checked to make sure that it is not abnormally large or small. If too large, it wastes gas and makes the system dirty. Too small, and it can affect the system start-up, causing a no-heat condition.	BENEFITS: Saves money and costly service calls.
3	Check Flame Baffle (or Ribbons)	The flame baffle or ribbon spreads flame evenly across the entire heat exchanger length. If misaligned, plugged with rust and dirt, or cracked, it improperly spreads flame, creating hot spots in the heat exchanger, which can cause sooting, or even cracks in the metal. It also takes longer to heat the living area of the home, because it takes longer to heat up the furnace.	BENEFITS: Provides comfort, helps prevent costly repairs.
4	Set Manifold Gas Pressure	Proper pressure is required to control fuel input to the furnace burners. If too low, the safety equipment does not operate properly, and it also takes too long to heat the home. If too high, it can damage the equipment.	BENEFITS: Provides safety, helps prevent costly repairs.
5	Check Gas Input	The Gas Utility Company attempts to regulate the pressure of gas coming into the gas valve, but pressures fluctuate and the level needs to be checked periodically.	BENEFITS: Keeps system operating at peak efficiency.
6	Set Burner Air Adjustment	It is important to precisely mix air and natural gas before igniting it. If the mixture is too heavy, it creates a poor burning situation and could create carbon monoxide.	BENEFITS: Like the carburetor in your automobile, it is important to have a properly adjusted furnace for fuel economy and system effectiveness.
7	Check Fan Control	Through normal usage, the fan control can get out of mechanical adjustment by as much as 30 degrees. We check to assure that the fan comes on and goes off at predetermined temperatures in order to deliver the proper temperature of air into the home.	BENEFITS: If set too high, the fan control wastes heat before it warms the house. If set too low, it causes the house to become uncomfortably cool before allowing heat to enter the home.
8	Inspect Gas Valve	We check the Gas Valve for visual signs of corrosion and leaks. We listen for abnormal noises such as chattering and gas flow restriction. We also check for the odor of leaking gas.	BENEFITS: Provides safety and helps prevent costly emergency service calls.
9	Check Pilot Safety/ Thermocouple/ Spark Ignition	This safety device senses the loss of pilot flame and shuts down the main burners so that natural gas is not coming into the home without some way of igniting it properly.	BENEFITS: Provides safety and helps prevent costly emergency service calls.
10	Inspect Combustion Chamber	To assure proper fuel combustion and avoid the possibility of creating carbon monoxide in the house, we check for signs of sooting, cracks, and deformity within the combustion chamber.	BENEFITS: Saves money on fuel bills, promotes safety, and helps eliminate expensive repairs.

11	Check Temperature Rise	By checking the actual degrees of temperature rise throughout your system, our technician can determine if your furnace is heating your home like it is supposed to be heated. If the temperature rise is too high, it causes the furnace to bump the high-limit switch of the furnace, and can stress the heat exchanger. If too low, condensation could form rust in the furnace.	BENEFITS: Assures that the system is operating correctly and efficiently.
12	Check Blower Motor (Belt and Wires, if applicable)	Proper maintenance, adjustment, alignment, and cleanliness of the blower and components are necessary for adequate air flow.	BENEFITS: Avoids costly service calls, saves money on utility costs.
13	Lubricate Blower and Bearings (If Possible - Some are permanently lubricated)	Lubrication of the blower in your furnace reduces friction. Thus, your blower will operate both more quietly and inexpensively. It will also extend the blower's life by keeping it running cooler.	BENEFITS: Saves money, extends life, prevents unnecessary repairs.
14	Check Wiring Assembly	Loose connections cause improper voltage to various components, making them either inoperative, or causing eventual failure.	BENEFITS: Extends life of system, ensures safety.
15	Check Air Filtration System	There are many various kinds of air filters used on today's heating systems: electronic, replacement media, electrostatic, and the common ?hardware store? disposable filter. A dirty filter can reduce the air flow over the heat exchangers resulting in inadequate heating of your home. Further, a dirty filter may shorten the life of furnace components. Dirty air filters are a major cause of increased utility bills, and expensive furnace repairs.	BENEFITS: Saves money, increases comfort, extends life of the system
16	Provide Free Disposable Filter (Where applicable)	If you are using the ?hardware store? disposable filter, our technician will supply you with a new one FREE, or take 50 cents off of your bill.	BENEFITS: Saves you time, increases comfort, extends life of the system.
17	Check Flue and Venting	Necessary to assure proper fuel draft and also to identify flue obstructions. This condition could cause dangerous Carbon Monoxide to leak back into your home, presenting a health risk to your and your family.	BENEFITS: Ensures Safe operation.
18	Check Limit Control	The principal control in the furnace to prevent overheating and possible damage to the unit and the structure it's located in. Failed limit controls can cause house fires.	BENEFITS: Prevents a fire starting in your furnace. Keeps the unit in safe operating condition.
19	Check Heat Anticipator	Located in the thermostat, the heat anticipator ensures that the furnace will perform proper cycling on and off during the normal heating day.	BENEFITS: Promotes comfort in the home. Helps prevent costly emergency service calls.
20	Check Thermostat Contacts	An improperly working thermostat will call for more or less heating than desired. The former will cost you money, and the latter will cause you comfort	BENEFITS: Saves money, increases comfort.
21	Check Voltage and Amperage on Motors	Improper voltage and amperage can significantly reduce the life of the blower, and inducer motors.	BENEFITS: Extends the life, saves money, prevents failure.

22	Check Safety Interlock Switch (where provided by code)	Essential for proper protection of anyone opening the bottom panel of the furnace.	BENEFITS: Provides Safety to Homeowner and Service Technician
23	Do Carbon Monoxide Test	Carbon Monoxide, though potentially very hazardous to your health, is tasteless, colorless, and odorless. Homeowners are usually not aware that Carbon Monoxide is present in their homes until this test is performed.	BENEFITS: Promotes safety.
24	Duct Inspection	Just as hardening of the arteries can damage the human body through a stroke, dirt buildup in the heating and cooling duct work will limit air movement and can severely choke the system. Most secondary heat exchangers have only 1/16" of air clearance, and can easily become plugged with dirt. Dirty air conditioning coils drastically affect the efficiency of the cooling system and shorten system life. The cleaner the duct system, the healthier the home and the longer your equipment will last.	BENEFITS: The cleaner the duct system, the healthier the home, and the longer your equipment will last.
25	Make Final Operation Check	Before we leave, we check all of our work to make certain that everything is working just the way it should!	BENEFITS:
26	Advise Customer of Results of Check	We believe that the customer is the most important part of our business! We make special efforts to advise you of the current condition of your heating and cooling system. We believe that our customers want to know, and it's our job to provide them with this information	BENEFITS: You are aware of the operating condition of your heating and cooling system. It allows you to gauge effectiveness, efficiency, and potential need for repair or replacement in the future. No unexpected expenses.