

Heating Season Planned Maintenance

Our factory trained professional Service Technicians will provide the following 15 point precision tune-up, professional cleaning, and safety inspection services:

- ◆ **Clean or Replace Filters:** A dirty filter will reduce the air flow, resulting in inefficient heating, reduced heating capacity, poor air filtration, and higher heating costs.
- ◆ **Adjust & Clean Blower Components:** Proper adjustment and cleanliness of blower and components is necessary for adequate air flow to ensure your furnace can deliver maximum heating capacity and efficiency.
- ◆ **Check & Test Safety Controls:** Safety controls are essential for proper protection of the unit and your family and will be adjusted to factory specifications.
- ◆ **Monitor Furnace Cycle:** Our trained Technician will ensure that the heating system is cycling on and off properly and that controls are calibrated to factory specs.
- ◆ **Adjust Gas Pressure:** Proper gas pressure to the burners will ensure the most efficient and safe burner operation and reduce energy costs.
- ◆ **Clean Heat Exchanger & Burners:** Dirty heat exchangers and burners reduce the heating efficiency and capacity of your furnace.
- ◆ **Thoroughly Check for Cracked Heat Exchanger:** As your furnace gets older, there is a real danger of cracks developing in the heat exchanger. These cracks can allow dangerous products of combustion (including carbon monoxide) to enter the fresh air of your home and endanger you safety and the safety of your family. We will thoroughly inspect your heating system visually and electronically to determine if this hazard is evident.
- ◆ **Monitor Flue Draft for Safe Operation:** An obstructed flue will cause products of combustion to enter your home and endanger your family's safety.
- ◆ **Adjust Heat Anticipator Settings:** The heat anticipator in your thermostat determines how often you furnace cycles and will affect the cost of operation, as well as the comfort level in your home.
- ◆ **Check & Adjust Pilot Operation:** A properly adjusted pilot will assure that your furnace will start reliably all winter.
- ◆ **Adjust Air Flow for Proper Temperature Rise:** Properly adjusted blower speed will ensure efficient and reliable furnace operation and comfort.
- ◆ **Lubricate all Moving Parts where applicable:** Poor lubrication causes drag in the motor and drive shaft, thereby requiring more electricity to overcome resistance. Lack of lubrication can burn out the bearings or motor.
- ◆ **Monitor Voltage & Amperage Draw on all Motors:** Motors are designed to operate at standard voltage and amperage draw. By measuring amperage draw, problems can be identified before the unit fails.
- ◆ **Clean & Adjust Thermostat:** To ensure even temperature control for you home.

Cooling Season Planned Maintenance

Our factory trained professional Service Technicians will provide the following 15 point precision tune-up, professional cleaning, and safety inspection services:

- ◆ **Clean or Replace Filters:** A dirty air filter will reduce the air flow, resulting in inefficient cooling, reduced cooling capacity, poor air filtration, and higher electric bills. Dirty filters also shorten the life of your air conditioner.
- ◆ **Check & Clean Inside Cooling Coil, if accessible:** Foreign material on the coil reduces the system's ability to cool the house, so your air conditioning system must run longer, increasing energy consumption and raising your cooling costs.
- ◆ **Clean Primary & Secondary Drains:** A clogged condensate drain can cause considerable water damage and will increase humidity levels.
- ◆ **Install Algae Tablets:** Algae tablets are used to prevent the growth of mildew on the coils and in the drain pan of the air conditioner, and to reduce the risks of condensate water drain problems.
- ◆ **Check & Clean Condenser Coil:** Foreign Material on the condenser coil reduces the system's cooling capacity to remove heat from the house. A dirty coil will increase your cooling cost by 30% or more, and can shorten the life of your air conditioner.
- ◆ **Check Operation Pressures for Proper Refrigerant Charge:** Improper refrigerant charges - too much or too little - can damage the compressor and will cause high electric bills and reduced cooling capacity due to inefficient equipment operation. If needed, we will add up to two pounds of "Freon" (refrigerant) at no additional charge under the plan.
- ◆ **Adjust & Clean Blower Components:** Proper adjustment and cleanliness of blower and components is necessary for adequate air flow to assure maximum cooling performance.
- ◆ **Monitor Air Conditioning Cycle:** Our trained Technician will ensure that the air conditioner is "cycling" on and off properly.
- ◆ **Lubricate all Moving Parts where applicable:** Poor lubrication causes drag in the motor and drive shaft, thereby requiring more electricity to overcome resistance. Lack of lubrication can burn out the bearings or motor.
- ◆ **Check & Tighten all loose Electrical Connections:** Loose electrical connections are a common source of problems which cause your electric parts to fail and your air conditioner to become inoperative.
- ◆ **Apply a Protective Coating to the Outside Unit:** This protective coating will extend the life of the outdoor cabinet as well as improve its appearance.
- ◆ **Clean & Adjust Thermostat:** To ensure even temperature control for your home.