

## 16-TASK PROFESSIONAL COOLING TUNE-UP

A comprehensive cooling tune-up consists of 14 efficiency tasks, 2 safety tasks and the outside unit will be cleaned and waxed.

- 1. Inspect thermostat** - An improperly calibrated thermostat will call for more or less cooling than desired. The former will cost you money, the latter will cost you comfort.  
**BENEFIT:** Saves money on utility costs, increases comfort.
- 2. Lubricate the blower motor and clean the blower wheel** - Motor bearings require semi-annual lubrication to reduce friction and wear. The blower wheel must be clean to deliver proper airflow. Some motors do not require lubrication, but must be cleaned to prevent overheating.  
**BENEFIT:** Saves money by extending the life of the blower motor.
- 3. Clean and adjust blower components** - Proper adjustment and cleanliness of blower and components are necessary for adequate airflow.  
**BENEFIT:** Avoids costly service calls, saves money on fuel costs.
- 4. Clean condensate drain. Clean if necessary** - A clogged condensate drain can cause severe water damage as well as cause high indoor humidity levels.  
**BENEFIT:** Saves money on fuel, extends life of system.
- 5. Replace or clean air filters** - Standard throwaway filters will be replaced free of charge. Electronic air cleaning cells and pre-filters will be cleaned with detergent, free of charge. Large, high efficiency media filters will be replaced with the approval of the customer at current prices.  
**BENEFIT:** Insures proper airflow for efficiency, comfort, and long system life.
- 6. Inspect evaporator cooling coil (indoor coil)** - Grease and dirt build up on this coil reduces system capacity and efficiency. Also a dirty coil can cause condensate water leakage and damage to the property.  
**BENEFIT:** Extends life of system, saves money.
- 7. Lubricate outside fan** - Lubrication of outside fan motor will extend its life, making it less expensive to operate.  
**BENEFIT:** Extends life, saves money on fuel.
- 8. Check fins on outdoor coil** - By checking the fins on your unit our technician can increase the airflow.  
**BENEFIT:** Extends life, saves money on fuel.
- 9. Examine all electrical connections** - Loose connections cause improper voltage to various components, causing eventual failure.  
**BENEFIT:** Extends life, assures safety.
- 10. Check starting capabilities** - Insures system will start and operate when needed.  
**BENEFIT:** Extends life, saves money on fuel.
- 11. Take operating pressure for proper refrigerant charge** - Improper refrigerant charge, too much or too little, could damage the compressor and could cause high electric bills through a curtailment of system efficiency.  
**BENEFIT:** Saves money on fuel; extends life of system.
- 12. Record amperage measurements on motors** - Improper amperage can reduce significantly the life of the compressor, evaporator and condenser motor.  
**BENEFIT:** Extends life of system.
- 13. Inspect all safety controls** - Essential for proper protection of system.  
**BENEFIT:** Assures safety of unit.
- 14. Record temperature drop** - By checking the actual degrees of temperature drop throughout your system, our technician can pinpoint whether or not your system is performing like it should.  
**BENEFIT:** Assures total system efficiency.
- 15. Clean outdoor coil** - Foreign material on the condenser coil reduces the system's capacity to remove heat and increases energy usage.  
**BENEFIT:** Extends life of system, saves money.

- 16. Clean and wax the air conditioner** - Prevents rust and oxidation.  
**BENEFIT:** Extends life and enhances appearance.