



PROFESSIONAL COOLING TUNE-UP AIR CONDITIONER 16 TASKS

A comprehensive tune-up consists of 14 efficiency tasks, 2 safety tasks and the air conditioner 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 inspect 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.

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