

# **At Your Service Heating and Cooling**

*Will perform the following procedures on all*

## **AIR CONDITIONING with ELECTRIC HEAT M.A.-PTUS**

1. Cycle the complete system (air conditioning and heating, as well as fan operation).
2. Replace up to one standard 1" throwaway filter, or clean one permanent filter per system.
3. Remove and clean the indoor blower assembly, which includes the blower wheel on the indoor unit.
4. Remove and clean the indoor blower motor on the indoor unit.
5. Remove any trash or debris from indoor and outdoor units.
6. Lubricate all moving parts on indoor and outdoor units.
7. Test and record all voltages on indoor blower motor.
8. Test and record all amperages on indoor blower motor.
9. Test and examine all controls on indoor and outdoor units.
10. Tighten or adjust all belts and pulleys within indoor or outdoor units.
11. Examine and tighten all electrical connections on the indoor and outdoor unit.
12. Examine and clean evaporator coil (if accessible).
13. Clean and treat condensate drain line from indoor coil to main drain line (only to wall or floor).
14. Clean and treat condensate pump if part of the cooling drain system.
15. Clean and apply protective coating to indoor and outdoor cabinets
16. Test and record voltages on electric heat strips.
17. Test and record amperages on electric heat strips.
18. Test and record indoor air temperature.
19. Test and record indoor temperature drop in cooling mode.
20. Test and record indoor temperature rise in heating mode.
21. Test and record refrigerant pressures (low and high side).
22. Monitor refrigerant charge on refrigerant system.
23. Test and record superheat on refrigerant system.
24. Test and record sub-cooling on refrigerant system.
25. Test and clean outdoor fan motor.
26. Test and record all voltages on outdoor unit (fan motor and compressor).
27. Test and record all amperages on outdoor unit (fan motor and compressor).
28. Visually inspect indoor and outdoor coils and copper tubing for refrigerant leaks.
29. Examine and tighten all electrical connections on disconnect of outdoor unit.