

# 20 Point Furnace Precision Tune-Up

- 1. Check thermostat and furnace operation for proper start, operation and shut off.
- 2. Check air filter; replace if necessary.
- 3. Check and clean burners.
- 5. Check heat exchanger for cracks, rust and leaks.
- 6. Check ignition system, controls and safety devices, including cleaning flame sensor/thermal couple.
- 7. Check and clean furnace cabinet.
- 8. Check IDM, including hoses and drain.
- 9. Check condensate drain and trap. Prime trap with water.
- 10. Check all wiring for loose connections, including thermostat.
- 11. Check induced draft furnaces per AHRI guidelines.
- 12. Check Delta T. \_\_\_\_\_
- 13. Measure incoming gas pressure and manifold pressure \_\_\_\_\_ only if Delta T is out of manufacturer's specs.
- 14. Check voltage at furnace and amperage of motor. \_\_\_\_\_
- 15. Check flue for obstructions, rust and slope.
- 16. Check all gas connections and pipe for leaks only if customer mentions or you smell gas.
- 17. Check furnace area for safety. No flammables, clutter, etc
- 18. Quick visual check of ductwork. \_\_\_\_\_  
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- 19. Check for CO. Note whether CO detectors are present. Advise to obtain one if none present. Inexpensive detectors should be replaced yearly. \_\_\_\_\_
- 20. On 90% furnaces check that termination and air intake openings are clear and unobstructed.