

## Safety inspection items below in orange.

THERMOSTAT	GOOD N/A	MAYBE	BAD
1. Energy-saving thermostat existing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Batteries replaced (homeowner supplied)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Thermostat mounted firmly to wall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Program set to client's needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AIR CONDITIONING/HEAT PUMP	GOOD N/A	MAYBE	BAD
5. Log Compressor AMPS: <b>S</b> _____ <b>R</b> __	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Condenser fan amps/condition: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Capacitor uF value: <b>C</b> _____ <b>F</b> __	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Volt drop/inspect contactor: __	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Outdoor Temp:___ Indoor: S_____ R_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Unit Superheat:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Unit Sub Cool:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Tighten wire connections	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Condition of start assist device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Test defrost timer operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Test reversing valve operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Check condition of coil fins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Check for refrigerant leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. O-ring Schrader caps installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. Condition of electrical disconnect	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Tighten lugs in disconnect & circuit breaker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Verify proper circuit breaker size to nameplate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Verify proper wire size to unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Low voltage wire condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Condensing unit is level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Shrubs are cut back from unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Line set is insulated to condensing unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Install sticker on outdoor unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## DUCTWORK SYSTEM

	GOOD N/A	MAYBE	BAD
28. Show cleanliness of ductwork	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. Supply ducts insulated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30. Are the boots sealed to the floor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. Overall condition of the ductwork	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. Duct is properly strapped and connected	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Return FG sized min. 140 sq. in. per ton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. Return duct insulated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. Platform return needs sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. Ductwork sealed to less than 15% leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## FURNACE/AIR HANDLER

	GOOD N/A	MAYBE	BAD
37. Return static pressure:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. Supply static pressure:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. Evaporator coil cleansing needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. Inspect start collar seal at plenum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. Inspect blower cabinet insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42. Inspect blower wheel cleanliness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43. Inspect all electrical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44. Check circuit board for burn marks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45. Check blower wheel bearings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46. TXV bulb mounted @10 or 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. Inspect for signs of refrigerant leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48. Primary drain ran properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49. Secondary drain ran to daylight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50. Check condensate pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51. Inspect drain safety switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52. Pan treatment needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53. All screws replaced in cabinet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54. Read blower motor amps: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55. Check inducer motor amps: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56. Blower capacitor uF value: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## FURNACE/AIR HANDLER ( cont )

	GOOD N/A	MAYBE	BAD
57. Measure temp rise: S_____R_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58. Adjust gas pressure: In_____Out_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59. Check limit switches and mounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60. Check burner crossover ports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61. Vacuum furnace area and burners	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62. Check for sufficient comb. air	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63. Clean combustion air vent screen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64. Inspect heat exchanger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65. Check hoses for cracks & wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66. Check pressure switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67. Check for proper flue rise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68. Measure flue clearances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69. Check flue pipes for leaks and rust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70. Inspect PVC for leaks, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71. Test gas connections for leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72. Any flammables near furnace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73. Check for proper ignition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74. Run furnace in all stages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75. Test gas shut off operation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76. Carbon Monoxide detector installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77. Surge protection installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78. UV germicidal lamp needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79. Clean / wax outside of the furnace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80. Filter change/clean (standard size or club)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81. Install sticker on front of furnace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82. Show owner post operation of furnace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83. Attic Insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

