[redacted] CENTER

JOB-SITE INFORMATION (COOLING/HEAT PUMP)

OWNER

NAME _____

STREET _____

CITY _____ ZIP _____

STATE/PROVINCE _____

PHONE _____ CONTACT _____

REQUESTED BY AND DATE _____

NATURE OF PROBLEM _____

SERVICING CONTRACTOR

NAME _____

STREET _____

CITY _____ ZIP _____

STATE/PROVINCE _____

PHONE _____ CONTACT _____

DISTRIBUTOR

NAME _____

STREET _____

CITY _____ ZIP _____

STATE _____

PHONE _____ CONTACT _____

OUTDOOR UNIT
MODEL NO. _____ SERIAL NO. _____ DATE INSTALLED _____

EVAPORATOR
MODEL NO. _____ SERIAL NO. _____ DATE INSTALLED _____

AIR HANDLER
MODEL NO. _____ SERIAL NO. _____ DATE INSTALLED _____

FURNACE
MODEL NO. _____ SERIAL NO. _____ DATE INSTALLED _____

DESCRIPTION OF PROBLEM _____

ACTIONS TAKEN TO RESOLVE THE PROBLEM _____

ADDITIONAL INFORMATION _____

ACCESSORIES? (CIRCLE THOSE INSTALLED)

Low Ambient Kit, Compressor Time Delay, Mild Weather Kit, Crankcase Heater, Hard Start Kit, Filter–drier, Compressor Sound Enclosure, Oil Separator, Hi Pressure Cutout, Lo Pressure Cutout, Discharge Line Muffler, Hot Water Recovery, Heat Pump Monitor, Hot Gas Bypass, Pump Down Kit, Accumulator, Fossil Fuel Kit (Type _____), Other _____ .

[redacted]

INDOOR UNIT

1. RETURN AIR TEMPERATURE DRY BULB / WET BULB _____/_____
2. SUPPLY AIR TEMPERATURE DRY BULB / WET BULB _____/_____
3. TEMPERATURE DROP _____
4. TOTAL EXTERNAL PRESSURE DROP (WET COIL) _____
5. SYSTEM AIR FLOW (CFM) _____
6. COOLING SPEED TAP _____
7. IS FILTER CLEAN? _____
8. IS COIL CLEAN? _____
9. OPERATING VOLTS (LINE/CONTROL) _____/_____
10. IS VAPOR LINE INSULATED? _____
11. LIQUID LINE DIAMETER _____
12. CONDENSATE LINE DIAMETER _____
13. IS CONDENSATE LINE VENTED? _____
14. CONDENSATE LINE TERMINATION LOCATION _____
15. METERING PISTON SIZE _____
16. IS A TXV INSTALLED? _____
17. IS TXV BULB INSULATED? _____
18. IS TXV EQUALIZER LINE ATTACHED? _____
19. ELECTRIC HEAT TEMP. RISE _____
20. ELECTRIC HEAT KW _____
21. ELECTRIC HEAT AMPS _____
22. AIR HANDLER WIRE SIZE (LINE / CONTROL) _____

OUTDOOR UNIT

23. OUTDOOR TEMPERATURE _____
24. VAPOR LINE DIAMETER / LENGTH _____/_____
25. LIQUID LINE DIAMETER / LENGTH _____/_____
26. LIQUID PRESSURE _____
27. LIQUID LINE TEMPERATURE _____
28. SUCTION PRESSURE _____
29. VAPOR LINE TEMPERATURE _____
30. SYSTEM SUPERHEAT _____
31. SYSTEM SUBCOOLING _____
32. IS SYSTEM CHARGED CORRECTLY? _____
33. LINE SET VERTICAL RISE _____
34. OUTDOOR WIRE SIZE (LINE/CONTROL) _____/_____
35. POWER SUPPLY (1 OR 3 PHASE) _____
36. OPERATING VOLTS (LINE/CONTROL) _____
37. OPERATING COMPRESSOR AMPS _____
38. OPERATING OUTDOOR FAN AMPS _____
39. IS OUTDOOR COIL CLEAN? _____
40. DEFROST CONTROL TYPE (DEMAND OR TIME TEMPERATURE) _____
41. HAS DEFROST CONTROL BEEN TESTED? _____
42. IS UNIT ELEVATED ABOVE SLAB? _____
43. HAS REVERSING VALVE BEEN TESTED? _____
44. TYPE OF METERING DEVICE (TXV OR PISTON) _____
45. PISTON SIZE _____

ELECTRIC HEAT CFM (SINGLE PHASE) = $\frac{\text{VOLTS X AMPS } 3.414}{1.08 \text{ X TEMP. RISE}}$

NOTES: ALLOW THE SYSTEM TO OPERATE FOR AT LEAST FIVE MINUTES BEFORE MAKING ANY TESTS.

THE INDOOR AND OUTDOOR COMPONENTS MUST BE AN APPROVED MATCH PER THE EQUIPMENT MANUFACTURER.

ALWAYS HAVE THE PROPER REFRIGERANT RECOVERY EQUIPMENT DURING ANY FIELD SITE INSPECTION.

[redacted]