

Heater Tune-up

	Findings		Findings
INDOOR:		ELECTRIC HEAT	
Thermostat Type-		Safety Controls & Switches-	
Thermostat Batteries-		Fan Control Board-	
Filter Status-		Relay-	
- Type/Size-		Heat Strip KW-	
Mode of Operation- HEAT		Sequencers-	
Temp Split-		Contacters-	
Smoke Detectors-		- Ohms-	
Wet bulb-		Primary Drain Pan-	
Dry bulb-		Evaporator Coil-Cleaned-in-place	
Relative humidity-		Surge Protector-	
SYSTEM:		DUCTWORK	
Make-		Total External Static Pressure-	
Model #-		Ductwork Type-	
Serial #-		Ductwork Sealing-	
Age-		Zoning Controls-	
Type-		Duct Static Pressure-	
Auxiliary Drain Pan-			
Condensate Pipe-		HEAT PUMP:	
Float switch-		Make-	
Drain Blow-out Valve-		Model #-	
Is Unit Level for Drainage-		Serial #-	
Transformer:		Age-	
- Primary Voltage =		Type-	
- Secondary Voltage =		Outdoor Temp-	
Door Switch-		Indoor Wet Bulb-	
Blower Motor:		Condenser Pad-	
- RLA- amps		Electrical Whip-	
- Rated- amps		Surge Suppressor-	
Blower Capacitor:		Service Disconnect:	
- Rated: uf		- Volts-	
- Actual: uf		- Amps-	
ECM Motor Protector-		- Inrush Amps-	
Blower Wheel- Cleaned-in-place		Defrost Controls-	
Circuit Boards-		Circuit Board-	
		Contactor-	
GAS FURNACE		- Ohms	
Furnace Control Board-		Compressor:	
Inducer Fan:		- RLA- amps	
- RLA- amps		- Rated- amps	
- Rated- amps		Capacitor:	

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Vent Pipe-		- Rating- uf	
Heat Exchanger Smoke Test-		- Actual- uf	
Ignition Control-		Start Assist-	
Type- Natural Gas LP		Motor:	
Sequence of Operations-		- RLA- amps	
Inducer Motor-		- Rated- amps	
Pressure Switch-		Capacitor:	
Hot Surface Ignitor-		- Rating- uf	
Gas Valve:		- Actual- uf	
- Incoming Pressure	IN WC	Fan Blade-	
- Outgoing Pressure	IN WC	Reversing Valve-	
Flame Sensor / Thermocouple-		Condenser Coil-	
Heat Exchanger-		Condenser Cleaned?	
Flame Roll-out Sensor-		Refrigerant:	
High Limit Switch-		- High- psig	
Safety Circuit-		- Low- psig	
Combustion Air (area around furnace)-		- SubCool-	
Combustion Test:		- SuperHeat-	
- Temp-		- Target Superheat:	
- O2-		**((IDWB x 3) - 80 - ODDB) / 2	
- CO2-		- Compression ratio (2.1-3.1)-	
- Efficiency-		**Liquid PSI / Suction PSI	
Carbon Monoxide Detector- PPM		- High Pressure Switch-	
Gas Leak Detection-		- Low Pressure Switch-	
Flex Gas Line Condition-		MEG Check-	
Drip Leg Present-		Armiflex-	
		Valves/Caps/Schraeder-	
		Refrigerant Type: R410a or R22	
Notes:			
Explanation of diagnostic ratings:			
Good- means it's operating as designed			
Fair- means it could cause future problems			
Poor- means broken, unsafe, or causing system or property damage			