

50 POINT CHECK LIST FOR ELECTRIC /HEAT PUMP SYSTEM

This is our standard check list that our technicians will be filling out when we do a service on your electric heat system. Our technicians are instructed to completely fill out the check list and give all recommendations needed to make your system work as close to 100% efficiency as possible.

Guarantee

If our technician does not fill out a form similar to this please call the office for a \$20.00 rebate. We will then send a technician back out to your home for free, to complete this diagnostics form.

We expect our technicians to perform higher than the industry standard.

1	Head pres.		Sub cooling	
2	Suction pres.		super heat	
3	Ambient temp.			

26	Delta T		wet bulb ret.	
27	Dry bulb supply.		dry bulb ret.	
28	Humidity level	30-50	51-59	60-80

	Air- handler			
4	Air handler condition	ok	fair	poor
5	wiring	ok	burned	Miss wired
6	heat sequencer	ok	burned	open
7	heat element KW	10	15	20
8	amperage draw total	42	64	85
9	fan relay	ok	open	close
10	circuit board	ok	bad	Miss wired
11	limit switches	ok	open	closed
12	fuse block	ok	burned	broken
13	fuses/breaker	ok	open	burning
14	high voltage wire	ok	burned	Miss wired
15	low voltage wire	ok	open	Miss wired
16	heat anticipator	set	digital	open
17	wire sizes		aluminum	

29	coil	R-22	410-A	
30	Air leaks	none	small	major
31	coil	clean	dirty	clogged
32	refrigerant leaks	none	visible	not detectible
33	coil pan	ok	clogged	rusted
34	TXV	ok	restricted	not insulated
35	piston	ok	wrong size	restricted
36	return plenum	ok	restricted	leaking
37	supply plenum	sealed	leaking	falling apart
38	Duct insulation	ok	fair	poor
39	duct type	hard	flex	duct board
40	duct connections	ok	leaking	broken
41	collars	sealed	not sealed	wrong kind
42	float switch	ok	none	broken
43	drain line	ok	no down flow	leaking
44	drain pan	ok	not level	rusted
45	pete trap	ok	not sealed	clogged
46	rubba tex	ok	not finished	missing
47	platform	ok	rotted	Un-level
48	catwalk	ok	none	not secured
49	light in attic	ok	none	burned
50	G.F.I. outlet	ok	none	open

	Airflow			
18	thermostat	ok	Un-level	broken
19	blower motor	ok	loose bearing	noisy
20	blower wheel	clean	dirty	filthy
21	blower cabinet	clean	dirty	filthy
22	filter size		clean	dirty
23	filtration	ok	fair	poor
24	I.A.Q.	ok	fair	poor
25	U/V lights	ok	none	blown

Call for a free Home Energy Performance Analysis on your home.
Go to our HEPA tab and see our 20 point performance analysis - FREE
364-1411