



BLOWER SPEED CHART

FURNACE MODEL	EAGLE™ SHIPPED SETTINGS	ADJUST
A97USM1	HEAT	COOL
A97USM2	2	4
A97USM3	2	4
A97USM4	2	4
A97USM5	2	4
A97USM6	2	4
A97USM7	2	4
A97USM8	2	4
A97USM9	2	4
A97USM10	2	4
A97USM11	2	4
A97USM12	2	4
A97USM13	2	4
A97USM14	2	4
A97USM15	2	4
A97USM16	2	4
A97USM17	2	4
A97USM18	2	4
A97USM19	2	4
A97USM20	2	4
A97USM21	2	4
A97USM22	2	4
A97USM23	2	4
A97USM24	2	4
A97USM25	2	4
A97USM26	2	4
A97USM27	2	4
A97USM28	2	4
A97USM29	2	4
A97USM30	2	4
A97USM31	2	4
A97USM32	2	4
A97USM33	2	4
A97USM34	2	4
A97USM35	2	4
A97USM36	2	4
A97USM37	2	4
A97USM38	2	4
A97USM39	2	4
A97USM40	2	4
A97USM41	2	4
A97USM42	2	4
A97USM43	2	4
A97USM44	2	4
A97USM45	2	4
A97USM46	2	4
A97USM47	2	4
A97USM48	2	4
A97USM49	2	4
A97USM50	2	4
A97USM51	2	4
A97USM52	2	4
A97USM53	2	4
A97USM54	2	4
A97USM55	2	4
A97USM56	2	4
A97USM57	2	4
A97USM58	2	4
A97USM59	2	4
A97USM60	2	4
A97USM61	2	4
A97USM62	2	4
A97USM63	2	4
A97USM64	2	4
A97USM65	2	4
A97USM66	2	4
A97USM67	2	4
A97USM68	2	4
A97USM69	2	4
A97USM70	2	4
A97USM71	2	4
A97USM72	2	4
A97USM73	2	4
A97USM74	2	4
A97USM75	2	4
A97USM76	2	4
A97USM77	2	4
A97USM78	2	4
A97USM79	2	4
A97USM80	2	4
A97USM81	2	4
A97USM82	2	4
A97USM83	2	4
A97USM84	2	4
A97USM85	2	4
A97USM86	2	4
A97USM87	2	4
A97USM88	2	4
A97USM89	2	4
A97USM90	2	4
A97USM91	2	4
A97USM92	2	4
A97USM93	2	4
A97USM94	2	4
A97USM95	2	4
A97USM96	2	4
A97USM97	2	4
A97USM98	2	4
A97USM99	2	4
A97USM100	2	4

FURNACE SIZE SELECTION CODE

CODE ON 7	FURNACE MODEL	INDOOR BWR MOTOR HP SIZE
1	A97USM1	1/2
2	A97USM2	3/4
3	A97USM3	1
4	A97USM4	1 1/4
5	A97USM5	1 1/2
6	A97USM6	1 3/4
7	A97USM7	2
8	A97USM8	2 1/4
9	A97USM9	2 1/2
10	A97USM10	2 3/4
11	A97USM11	3
12	A97USM12	3 1/4
13	A97USM13	3 1/2
14	A97USM14	3 3/4
15	A97USM15	4
16	A97USM16	4 1/4
17	A97USM17	4 1/2
18	A97USM18	4 3/4
19	A97USM19	5
20	A97USM20	5 1/4
21	A97USM21	5 1/2
22	A97USM22	5 3/4
23	A97USM23	6
24	A97USM24	6 1/4
25	A97USM25	6 1/2
26	A97USM26	6 3/4
27	A97USM27	7
28	A97USM28	7 1/4
29	A97USM29	7 1/2
30	A97USM30	7 3/4
31	A97USM31	8
32	A97USM32	8 1/4
33	A97USM33	8 1/2
34	A97USM34	8 3/4
35	A97USM35	9
36	A97USM36	9 1/4
37	A97USM37	9 1/2
38	A97USM38	9 3/4
39	A97USM39	10
40	A97USM40	10 1/4
41	A97USM41	10 1/2
42	A97USM42	10 3/4
43	A97USM43	11
44	A97USM44	11 1/4
45	A97USM45	11 1/2
46	A97USM46	11 3/4
47	A97USM47	12
48	A97USM48	12 1/4
49	A97USM49	12 1/2
50	A97USM50	12 3/4
51	A97USM51	13
52	A97USM52	13 1/4
53	A97USM53	13 1/2
54	A97USM54	13 3/4
55	A97USM55	14
56	A97USM56	14 1/4
57	A97USM57	14 1/2
58	A97USM58	14 3/4
59	A97USM59	15
60	A97USM60	15 1/4
61	A97USM61	15 1/2
62	A97USM62	15 3/4
63	A97USM63	16
64	A97USM64	16 1/4
65	A97USM65	16 1/2
66	A97USM66	16 3/4
67	A97USM67	17
68	A97USM68	17 1/4
69	A97USM69	17 1/2
70	A97USM70	17 3/4
71	A97USM71	18
72	A97USM72	18 1/4
73	A97USM73	18 1/2
74	A97USM74	18 3/4
75	A97USM75	19
76	A97USM76	19 1/4
77	A97USM77	19 1/2
78	A97USM78	19 3/4
79	A97USM79	20
80	A97USM80	20 1/4
81	A97USM81	20 1/2
82	A97USM82	20 3/4
83	A97USM83	21
84	A97USM84	21 1/4
85	A97USM85	21 1/2
86	A97USM86	21 3/4
87	A97USM87	22
88	A97USM88	22 1/4
89	A97USM89	22 1/2
90	A97USM90	22 3/4
91	A97USM91	23
92	A97USM92	23 1/4
93	A97USM93	23 1/2
94	A97USM94	23 3/4
95	A97USM95	24
96	A97USM96	24 1/4
97	A97USM97	24 1/2
98	A97USM98	24 3/4
99	A97USM99	25
100	A97USM100	25 1/4

NOTE: SEE INSTALLATION INSTRUCTIONS FOR PROCEDURE TO SET CORRECT BLOWER SPEED FOR AIR FLOW. COOLING TONNAGE BEING APPLIED, AND HEATING TEMPERATURE RISE DESIRED. TYPICAL SYSTEM SHOWN FOR 2 HEAT/2 COOL WITH A CONVENTIONAL THERMOSTAT. SEE INSTALLATION INSTRUCTIONS FOR CONNECTIONS TO OTHER EQUIPMENT AND ACCESSORIES.

A TWO STAGE THERMOSTAT MUST BE USED WITH THIS FURNACE. THE THERMOSTAT MUST BE INSTALLED IN THE MAIN FLOOR. FOR MORE INFORMATION ON RECOMMENDED TYPES OF THERMOSTATS AND SETTINGS FOR OPTIMAL PERFORMANCE.

JACKPLUG CHART

J1P46	JACKPLUG-CONTROL VARIABLE SPEED
J1P48 <th>JACKPLUG-MOTOR VARIABLE SPEED</th>	JACKPLUG-MOTOR VARIABLE SPEED
J1P49 <th>JACKPLUG-MOTOR VARIABLE SPEED</th>	JACKPLUG-MOTOR VARIABLE SPEED
J1P50 <th>JACKPLUG-BURNER CONTROL</th>	JACKPLUG-BURNER CONTROL
J1P51 <th>JACKPLUG-INDUCER</th>	JACKPLUG-INDUCER
J1P52 <th>JACKPLUG-IGNITOR</th>	JACKPLUG-IGNITOR
J1P53 <th>JACKPLUG-BOARD IGNITOR</th>	JACKPLUG-BOARD IGNITOR

THERMOSTAT HEAT ANTICIPATION SETTINGS

55 AMP HOMERWELL VALVE

CUT W914 JUMPER LABELLED "DEHUM OR HARMONY" FROM DS1 TO R AT A92 CONTROL BOARD. WHEN USED WITH THERMOSTAT WITH DEHUM OPTION

CUT W951 JUMPER FROM O TO R LABELLED "HEAT PUMP" AT A92 CONTROL BOARD. WHEN USED FOR DUAL FUEL APPLICATIONS.

CUT W915 JUMPER FROM Y1 TO Y2 LABELLED "TWO STAGE COMPRESSOR AT A92 CONTROL BOARD FOR ONE STAGE THERMOSTAT. LEAVE BUILT IN FOR ONE STAGE THERMOSTAT"

WARNING: ELECTRIC SHOCK HAZARD CAN CAUSE INJURY OR DEATH! UNIT MUST BE GROUNDED IN ACCORDANCE WITH NATIONAL AND LOCAL CODES.

NOTE: IF ANY WIRE IN THIS APPLIANCE IS REPLACED, IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING, INSULATION THICKNESS, AND TERMINATION.

HEATING UNITS-GAS

Model	Supersedes
A97USM070B12S	A97USM090C20S
A97USM090C12S	A97USM110C20S
A97USM090C16S	A97USM135D20S

2 HEAT/2 COOL

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