

## FUNCTIONAL PARTS LIST:

This parts list promotes easy identification of furnace parts and part numbers. Gas Conversion Kits and Filter Frames are also listed in the parts list.

To use this parts list, locate the part you need in the illustration on the front cover and note the illustration number. Find the illustration number in the far-left column of the parts list. Read across the list to locate the part number for the appropriate size furnace.

**EXAMPLE:** You need an inducer motor for a 54,000 Btu/Hr input, 1/3 HP furnace:

1. Find the inducer motor in the illustration and get the illustration number. (In this case 35) .
2. Go to the table and read down to illustration number 35.
3. Read across the row to find the part number for the 54,000 Btu/Hr input, 1/3 HP furnace.
4. Read part number 4246100.

* INPUT Btu/Hr		54,000	72,000	72,000	90,000	90,000	108,000	126,000	
* MOTOR HORSEPOWER		1/3 HP	1/2 HP	3/4 HP	1/2 HP	3/4 HP	3/4 HP	3/4 HP	
No	Description	Reference Number	054-3	072-3	072-4	090-3	090-4	108-5	126-5
<b>CONTROLS GROUP</b>									
1	Gas Control – Natural Gas or Propane	4211700	4211700	4211700	4211700	4211700	4211700	4211700	4211700
2	Gas Connector	4085300	4085300	4085300	4085300	4085300	4085300	4085300	4085300
3	Pilot/Ignitor – Natural Gas or Propane	4103200	4103200	4103200	4103200	4103200	4103200	4103200	4103200
4	Pilot Tubing	405310	405310	405310	405310	405310	405310	405310	405310
5	Fan Timer (406650)	4116000	4116000	4116000	4116000	4116000	4116000	4116000	4116000
	Fan Timer w/ cont. low-speed fan opt. (425850)	4258600	4258600	4258600	4258600	4258600	4258600	4258600	4258600
6	Primary Limit Switch	4035002	4035000	4035000	4035003	4035000	4035002	4035004	4035004
7	Pressure Switch	4213000	4213000	4213000	4213000	4213000	4213000	4213000	4213000
7	High-Altitude Pressure Switch	4226400	4226400	4226400	4226400	4226400	4226400	4226400	4226400
8	Power Disconnect	4087700	4087700	4087700	4087700	4087700	4087700	4087700	4087700
9	Transformer 40VA	4100800	4100800	4100800	4100800	4100800	4100800	4100800	4100800
10	Burner Limit Switch	4035300	4035300	4035300	4035300	4035300	4035300	4035300	4035300
<b>HARDWARE</b>									
11	Junction Box	400991	400991	400991	400991	400991	400991	400991	400991
12	Junction Box Cover	4045000	4045000	4045000	4045000	4045000	4045000	4045000	4045000
13	Hem Bushing	4116300	4116300	4116300	4116300	4116300	4116300	4116300	4116300
14	Strain Relief	207054	207054	207054	207054	207054	207054	207054	207054
15	Disconnect Bracket	4087700	4087700	4087700	4087700	4087700	4087700	4087700	4087700
16	Pilot Mounting Bracket	420510	420510	420510	420510	420510	420510	420510	420510
17	Pilot Shield	410000	410000	410000	410000	410000	410000	410000	410000
18	Secondary Air Shield	421030	421031	421031	421032	421032	421033	421034	421034
19	Pressure Switch Bracket	420410	420410	420410	420410	420410	420410	420410	420410
20	Support Bracket (3 req'd)	420480	420480	420480	420480	420480	420480	420480	420480
21	Wire Harness Kit (Not Shown)	4212000	4212000	4212000	4212000	4212000	4212000	4212000	4212000
22	Pressure Switch Tubing	421492	421492	421492	421492	421492	421492	421492	421492
23	Pressure Switch Tubing	421493	421493	421494	421493	421494	421495	421495	421495
<b>BLOWER GROUP</b>									
24	Blower Assembly	4102805	4102803	4102900	4102803	4102900	4102902	4102902	4102902
25	Blower Motor	4212302	4212300	4101400	4212300	4101400	4212400	4212400	4212400
26	Motor Mounting Kit	4038700	4038700	4038701	4038700	4038701	4038701	4038701	4038701
27	Capacitor	4036002	4036002	4036001	4036002	4036001	4036001	4036001	4036001
28	Capacitor Strap	403190	403190	403190	403190	403190	403190	403190	403190
29	Blower Housing Support	N/A	N/A	401190	N/A	401190	401191	401191	401191
30	Blower Wheel Direct Drive (convex)	4039502	4039504	4039500	4039504	4039500	4039502	4039502	4039502
31	Blower Wheel Direct Drive (concave)	N/A	N/A	4039501	N/A	4039501	4039503	4039503	4039503
32	Blower Housing	4102401	4102402	4102403	4102402	4102403	4102405	4102405	4102405
33	Blower Housing	N/A	N/A	4102404	N/A	4102404	4102406	4102406	4102406
<b>HEAT EXCHANGER GROUP</b>									
34	Heat Exchanger Assembly	4224300	4224301	4224302	4224303	4224304	4224305	4224305	4224306

<b>DRAFT INDUCER GROUP</b>								
35	Draft Inducer Motor Assembly	4246100	4246100	4246100	4246101	4246101	4246101	4246101
36	Inducer Pan	4218500	4218500	4218500	4218500	4218500	4218501	4218501
	Inducer Pan Gasket	4249000	4249000	4249000	4249000	4249000	4249000	4249000
37	RTV	4059900	4059900	4059900	4059900	4059900	4059900	4059900
38	Flue Outlet Kit	4221000	4221000	4221000	4221000	4221000	4221000	4221000
<b>BURNER GROUP</b>								
39	Main Burner	4036500	4036500	4036500	4036500	4036500	4036500	4036500
40	Manifold	4001111	4001112	4001112	4001113	4001113	4001114	4001115
41	Main Burner Mount	4091111	4091112	4091112	4091113	4091113	4091114	4091115
42	Venturi Plate	400682	400681	400681	400683	400683	400684	400685
43	Main Burner Orifices				CONSULT FACTORY			
<b>CASING GROUP</b>								
44	Casing – Color: Indiana Sand / Gray	420150 / 420153	420150 / 420153	420151 / 420154	420150 / 420153	420151 / 420154	420152 / 420155	420152 / 420155
45	Radiation Shield Assembly	420530	420560	420533	420582	420534	420532	420583
46	Blower Deck Assembly	430730	425490	409492	425490	409496	409494	409495
47	Blower Deck Baffle	430720	430720	424870	430720	402210	425480	425390
48	Door Channel	400731	400731	400732	400731	400732	400733	400733
49	Top Panel Assembly – Color: Indiana Sand / Gray	421650 / 422180	421651 / 422181	421652 / 422182	421653 / 422183	421654 / 422184	421655 / 422185	421656 / 422186
50	Top Panel Gasket (2 req'd)	400752	400752	400752	400752	400752	400752	400752
51	Top Panel Gasket	421000	421000	421001	421000	421001	421002	421002
52	Restrictor Plate Assembly	421800	421801	421801	421802	421802	421803	421804
53	Top Panel Gasket	421780	421780	421780	421780	421780	421781	421781
54	Air Inlet Collar	421770	421770	421770	421770	421770	421771	421771
55	Base Panel – Color: Indiana Sand / Gray	400464 / 400467	400464 / 400467	400465 / 400468	400464 / 400467	400465 / 400468	400466 / 400469	400466 / 400469
56	Base Support	400471	400471	400472	400471	400472	400473	400473
57	Hem Gaskets	4212700	4212700	4212700	4212700	4212700	4212700	4212700
58	Door Gaskets	4047000	4047000	4047000	4047000	4047000	4047000	4047000
59	Duct Flange – Color: Indiana Sand / Gray	420120 / 420123	420120 / 420123	420121 / 420124	420120 / 420123	420121 / 420124	420122 / 420125	420122 / 420125
60	S-Lock – Color: Indiana Sand / Gray	420720 / 420723	420720 / 420723	420721 / 420724	420720 / 420723	420721 / 420724	420722 / 420725	420722 / 420725
61	Burner Access Panel Assy. – Indiana Sand / Gray	420050 / 422230	420050 / 422230	420051 / 422231	420050 / 422230	420051 / 422231	420052 / 422232	420052 / 422232
62	Burner Access Panel View-Port	420070	420070	420070	420070	420070	420070	420070
63	Burner Access Panel Gasket (2 req'd)	420080	420080	420080	420080	420080	420080	420080
64	Burner Access Panel Gasket	420081	420081	420082	420081	420082	420083	420083
65	Burner Enclosure Base	420090	420090	420092	420091	420093	420091	420095
66	Burner Enclosure Base Gasket	420130	420130	420131	420130	420131	420132	420132
67	Gas Entry Grommet	420110	420110	420110	420110	420110	420110	420110
68	Blower Door	4225100	4225100	4225101	4225100	4225101	4225102	4225102
69	Outer Door – Color: Indiana Sand / Gray	4212900 / 4224900	4212900 / 4224900	4212901 / 4224901	4212900 / 4224900	4212901 / 4224901	4212902 / 4224902	4212902 / 4224902
<b>CONDENSATE GROUP</b>								
70	Trap Assembly	4223700	4223700	4223700	4223700	4223700	4223700	4223700
71	Hose - Trap to Inducer Pan	422073	422073	422073	422073	422073	422073	422073
72	Hose - Trap to Inducer Housing	421502	421502	421503	421502	421503	421504	421504
73	Hose - Vent to Inducer Pan	422071	422071	422071	422071	422071	422072	422072
<b>ACCESSORY GROUP (Not Shown)</b>								
74	Bottom Closure (1)	4045301	4045301	4045302	4045301	4045302	4045303	4045303
74	Bottom Closures (10)	4045901	4045901	4045902	4045901	4045902	4045903	4045903
75	Filters (10) 16 x 25	4032301	4032301	4032301	4032301	4032301	4032301	4032301
76	Filters (10) 20 x 25	N/A	N/A	4032302	N/A	4032302	4032302	4032302
77	Bottom Filter Box	4046601	4046601	4046602	4046601	4046602	4046603	4046603
78	Side Filter Cabinet	4046000	4046000	4046000	4046000	4046000	4046000	4046000
79	LP Conversion Kit below 6000 ft.**	4222400	4222400	4222400	4222400	4222400	4222400	4222400
80	LP Conversion Kit above 6000 ft. (U.S. only)	4226000	4226000	4226000	4226000	4226000	4226000	4226000
81	Nat. Conversion Kit below 6000 ft.**	4223000	4223000	4223000	4223000	4223000	4223000	4223000
82	Nat. Conversion Kit above 6000 ft. (U.S. only)	4225600	4225600	4225600	4225600	4225600	4225600	4225600
83	California NOx Screen (Order one for each burner)	4062900	4062900	4062900	4062900	4062900	4062900	4062900
84	2" Concentric Vent	4247600	4247600	4247600	N/A	N/A	N/A	N/A
85	3" Concentric Vent	N/A	4247601	4247601	4247601	4247601	4247601	N/A
86	Touch-up Paint Kit - Color: Indiana Sand / Gray	4250800 / 4250900	4250800 / 4250900	4250800 / 4250900	4250800 / 4250900	4250800 / 4250900	4250800 / 4250900	4250800 / 4250900
87	Twinning Kit	4254500	4254500	4254500	4254500	4254500	4254500	4254500

\* Input Btu/Hr and Motor horsepower are listed on the furnace rating plate.

\*\* The 108,000 and 126,000 Btu/hr models may require a High Altitude Pressure Switch. See the vent tables in the Installers Manual to determine if the High Altitude Pressure Switch is required.

N/A: Not applicable.

# SPECIFICATIONS

HEATING OUTPUT / EFFICIENCY (Natural And Propane Gas)				BLOWER PERFORMANCE APPLICATION DATA											
Heating Input (Btu/Hr)	Heating Output (Btu/Hr)	AFUE Rating (%)	Steady- State Eff. (%)	Motor Size (Horsepower)	Blower Size	Temp Rise (°F)	Motor FLA (Amps)	Motor Speed Tap	Cooling @ 0.5 in WC (Tons)	AIRFLOW* vs. STATIC PRESSURE					
										CFM)		inches W.C.)			
										.1	.2	.3	.4	.5	.6
54,000	49,300	90.9	91.3	1/3	10-6	35-65	6.4	HI	3.0	1417	1361	1296	1122	1140	1057
								MH	2.5	1260	1230	1173	1110	1042	952
								ML	2.0	875	879	868	845	805	744
								LO	1.5	610	625	629	620	594	556
72,000	65,700	90.9	91.3	1/2	10-8	35-65	7.8	HI	3.0	1614	1546	1463	1386	1299	1215
								MH	3.0	1614	1546	1463	1386	1299	1215
								ML	2.5	1309	1271	1226	1168	1091	1026
								LO	2.0	1031	1018	989	948	902	843
72,000	65,700	90.9	91.3	3/4	Dual 10-4	30-60	7.4	HI	4.0	1937	1843	1737	1630	1507	1379
								MH	3.5	1722	1647	1550	1457	1353	1201
								ML	3.0	1559	1501	1425	1347	1248	1115
								LO	2.5	1364	1334	1275	1206	1126	1016
90,000	82,100	90.9	91.3	1/2	10-8	45-75	8.0	HI	3.0	1632	1562	1491	1400	1316	1225
								MH	3.0	1632	1562	1491	1400	1316	1225
								ML	2.5	1331	1291	1254	1182	1118	1041
								LO	2.0	1044	1029	995	960	917	864
90,000	82,100	90.9	91.3	3/4	Dual 10-4	35-65	7.8	HI	4.0	2019	1971	1888	1789	1683	1494
								MH	3.5	1758	1692	1618	1533	1416	1251
								ML	3.0	1549	1496	1440	1369	1251	1123
								LO	2.5	1342	1294	1249	1188	1120	1008
108,000	98,600	90.9	91.3	3/4	Dual 10-6	35-65	8.3	HI	5.0	2260	2167	2060	1931	1807	1663
								MH	5.0	2260	2167	2060	1931	1807	1663
								ML	4.0	2024	1942	1845	1736	1621	1484
								LO	3.5	1628	1576	1521	1437	1342	1233
126,000	115,000	90.9	91.3	3/4	Dual 10-6	45-75	9.5	HI	5.0	2314	2219	2084	1963	1827	1684
								MH	5.0	2314	2219	2084	1963	1827	1684
								ML	4.0	2024	1938	1833	1709	1603	1478
								LO	3.5	1595	1541	1481	1412	1333	1226

\* Airflow ratings are with high-velocity washable air filters in place. Air filters are not supplied with the furnace.

Note: Specifications are subject to change without notice.

# HIGH EFFICIENCY UPFLOW FURNACE PARTS LIST AND SPECIFICATIONS

