

FUNCTIONAL PARTS LIST

This parts list promotes easy identification of furnace parts and part numbers. Gas Conversion Kits and Filter Kits 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 4311200.

* 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
CONTROLS GROUP									
1	Gas Control – Natural Gas or Propane		4211700	4211700	4211700	4211700	4211700	4211700	4211700
2	Gas Connector		4085300	4085300	4085300	4085300	4085300	4085300	4085300
3	Pilot/Ignitor - Natural Gas or Propane		4103200	4103200	4103200	4103200	4103200	4103200	4103200
4	Pilot Tubing		405310	405310	405310	405310	405310	405310	405310
5	Fan Timer (406650)		4116000	4116000	4116000	4116000	4116000	4116000	4116000
	Fan Timer w/ cont. low-speed fan opt. (425850)		4258600	4258600	4258600	4258600	4258600	4258600	4258600
6	Primary Limit Switch		4035000	4035005	4035000	4035003	4035002	4035002	4035002
7	Pressure Switch		4213000	4213000	4213000	4213000	4213000	4213000	4213000
7	High-Altitude Pressure Switch		4226400	4226400	4226400	4226400	4226400	4226400	4226400
8	Power Disconnect and Bracket		4087700	4087700	4087700	4087700	4087700	4087700	4087700
9	Transformer 40VA		4100800	4100800	4100800	4100800	4100800	4100800	4100800
10	Burner Limit Switch (3 req'd)		4035300	4035300	4035300	4035300	4035300	4035300	4035300
11	Vent Limit Switch		4315000	4315000	4315000	4315000	4315000	4315000	4315000
HARDWARE									
12	Junction Box		400991	400991	400991	400991	400991	400991	400991
13	Junction Box Cover		4045000	4045000	4045000	4045000	4045000	4045000	4045000
14	Hem Bushing		4116300	4116300	4116300	4116300	4116300	4116300	4116300
15	Strain Relief		207054	207054	207054	207054	207054	207054	207054
16	Pilot Mounting Bracket		420510	420510	420510	420510	420510	420510	420510
17	Pilot Shield		410000	410000	410000	410000	410000	410000	410000
18	Secondary Air Shield		430340	430341	430341	430342	430342	430343	430344
19	Pressure Switch Bracket		420410	420410	420410	420410	420410	420410	420410
20	Support Bracket (3 req'd)		420480	420480	420480	420480	420480	420480	420480
21	Wire Harness Kit (Not Shown)		4310800	4310800	4310800	4310800	4310800	4310800	4310800
22	Hose - Pressure Switch to Inducer Pan		421493	421493	421493	421493	421493	421496	421496
23	Hose - Pressure Switch to Burner Enclosure		421497	421497	421497	421497	421497	421498	421498
BLOWER GROUP									
24	Blower Assembly		4102805	4102803	4102900	4102803	4102900	4102902	4102902
25	Blower Motor		4212302	4212300	4101400	4212300	4101400	4212400	4212400
26	Motor Mounting Kit		4038700	4038700	4038701	4038700	4038701	4038701	4038701
27	Capacitor		4036002	4036002	4036001	4036002	4036001	4036001	4036001
28	Capacitor Strap		403190	403190	403190	403190	403190	403190	403190
29	Blower Housing Support		N/A	N/A	401190	N/A	401190	401191	401191
30	Blower Wheel Direct Drive (convex)		4039502	4039504	4039500	4039504	4039500	4039502	4039502
31	Blower Wheel Direct Drive (concave)		N/A	N/A	4039501	N/A	4039501	4039503	4039503
32	Blower Housing		4102401	4102402	4102403	4102402	4102403	4102405	4102405
33	Blower Housing		N/A	N/A	4102404	N/A	4102404	4102406	4102406
HEAT EXCHANGER GROUP									
34	Heat Exchanger Assembly		4311000	4311001	4311002	4311003	4311004	4311005	4311006

DRAFT INDUCER GROUP								
35	Draft Inducer Motor Assembly	4311200	4311200	4311200	4311201	4311201	4311201	4311201
36	Inducer Pan	4310600	4310600	4310600	4310600	4310600	4310601	4310601
37	Inducer Pan Gasket	4249000	4249000	4249000	4249000	4249000	4249000	4249000
38	Rubber Cap, 0.59 ID	430630	430630	430630	430630	430630	430630	430630
39	Rubber Cap, 0.25 ID	430640	430640	430640	430640	430640	430640	430640
40	RTV	4059900	4059900	4059900	4059900	4059900	4059900	4059900
41	Flue Outlet Kit	4310400	4310400	4310400	4310400	4310400	4310400	4310400
BURNER GROUP								
42	Main Burner	4036500	4036500	4036500	4036500	4036500	4036500	4036500
43	Manifold	400111	400112	400112	400113	400113	400114	400115
44	Main Burner Mount	409111	409112	409112	409113	409113	409114	409115
45	Venturi Plate	400682	400681	400681	400683	400683	400684	400685
46	Main Burner Orifices				CONSULT FACTORY			
CASING GROUP								
47	Casing - Color: Indiana Sand / Gray	430240 / 430243	430240 / 430243	430241 / 430244	430240 / 430243	430241 / 430244	430242 / 430245	430242 / 430245
48	Radiation Shield Assembly	420563	420562	420536	420580	420538	420537	420581
49	Blower Deck Assembly	430730	425490	409492	425490	409492	409494	409495
50	Blower Deck Baffle	430720	430720	424870	430720	424870	425480	425390
51	Door Channel	400731	400731	400732	400731	400732	400733	400733
52	Top Panel Assembly - Color: Indiana Sand / Gray	430440 / 430443	430440 / 430443	430441 / 430444	430440 / 430443	430441 / 430444	430442 / 430445	430442 / 430445
53	Restrictor Plate Assembly	430420	430421	430421	430422	430422	430423	430424
54	Gasket, Restrictor Plate	430370	430370	430370	430370	430370	430370	430370
55	Air Inlet Collar	421770	421770	421770	421770	421770	421770	421770
56	Base Panel and Gaskets - Color: Indiana Sand / Gray	430290 / 430293	430290 / 430293	430291 / 430294	430290 / 430293	430291 / 430294	430292 / 430295	430292 / 430295
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	430450 / 430453	430450 / 430453	430451 / 430454	430450 / 430453	430451 / 430454	430452 / 430455	430452 / 430455
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 Assembly - Indiana Sand / Gray	430310 / 430313	430310 / 430313	430311 / 430314	430310 / 430313	430311 / 430314	430312 / 430315	430312 / 430315
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 Top	430390	430390	430392	430391	430393	430394	430395
66	Burner Enclosure Top Gasket	420130	420130	420131	420130	420131	420132	420132
67	Gas Entry Grommet	420110	420110	420110	420110	420110	420110	420110
68	Blower Door	4311500	4311500	4311501	4311500	4311501	4311502	4311502
69	Outer Door - Color: Indiana Sand / Gray	4311700 / 4311900	4311700 / 4311900	4311701 / 4311901	4311700 / 4311900	4311701 / 4311901	4311702 / 4311902	4311702 / 4311902
CONDENSATE GROUP								
70	Trap Assembly	4312100	4312100	4312100	4312100	4312100	4312100	4312100
71	Hose - Inducer Pan to Trap	422073	422073	422073	422073	422073	422073	422073
72	Hose - Inducer Pan to Inducer Housing	421501	421501	421501	421501	421501	421501	421501
73	Hose - Inducer Pan to Flue Outlet	431451	431451	431451	431451	431451	422072	422072
ACCESSORY GROUP (Not Shown)								
74	Combustible Floor Base - Downflow (10)	4050000	4050000	4050000	4050000	4050000	4050000	4050000
75	Filters - Downflow, 16 x 20 (10)	4032303	4032303	4032303	4032303	4032303	4032303	4032303
76	Downflow Filter Kit	4044000	4044000	4044000	4044000	4044000	4044000	4044000
77	2-inch Rubber Coupling and Clamps (10)	4312900	4312900	4312900	4312900	4312900	N/A	N/A
78	3-inch Rubber Coupling and Clamps (10)	N/A	4312901	4312901	4312901	4312901	4312901	4312901
79	LP Gas Conversion Kit below 6000 ft. **	4222400	4222400	4222400	4222400	4222400	4222400	4222400
80	LP Gas Conversion Kit above 6000 ft. (U.S. only)	4226000	4226000	4226000	4226000	4226000	4226000	4226000
81	Nat. Gas Conversion Kit below 6000 ft. **	4223000	4223000	4223000	4223000	4223000	4223000	4223000
82	Nat. Gas 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

* 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	48,900	90.4	90.5	1/3	10-6	30-60	6.6	HI	3	1470	1409	1357	1285	1213	1137
								MH	2.5	1272	1249	1197	1160	1100	1021
								ML	2	863	865	853	830	800	760
								LO	1.5	624	629	623	615	592	560
72,000	65,200	90.4	90.5	1/2	10-8	30-60	8.6	HI	3.5	1723	1652	1582	1481	1391	1297
								MH	3.5	1723	1652	1582	1481	1391	1297
								ML	3	1385	1345	1304	1239	1190	1106
								LO	2.5	1071	1060	1046	1021	982	926
72,000	65,200	90.4	90.5	3/4	Dual 10-4	25-55	7.5	HI	4	1999	1878	1782	1673	1548	1426
								MH	3.5	1758	1675	1582	1485	1367	1248
								ML	3	1605	1530	1443	1357	1266	1137
								LO	2.5	1387	1342	1286	1220	1132	1026
90,000	81,400	90.4	90.5	1/2	10-8	45-75	8.2	HI	3.5	1672	1598	1523	1438	1360	1260
								MH	3.5	1672	1598	1523	1438	1360	1260
								ML	3	1360	1325	1275	1227	1152	1087
								LO	2.5	1060	1051	1037	1006	968	915
90,000	81,400	90.4	90.5	3/4	Dual 10-4	35-65	7.8	HI	4	2145	2050	1933	1806	1682	1549
								MH	3.5	1870	1792	1701	1601	1482	1367
								ML	3	1672	1610	1545	1450	1363	1234
								LO	2.5	1450	1413	1357	1298	1211	1099
108,000	97,700	90.4	90.5	3/4	Dual 10-6	35-65	8.8	HI	5	2368	2264	2139	2020	1887	1726
								MH	5	2368	2264	2139	2020	1887	1762
								ML	4	2065	1990	1900	1793	1668	1525
								LO	3.5	1621	1584	1527	1463	1373	1264
126,000	114,000	90.4	90.5	3/4	Dual 10-6	40-70	8.6	HI	5	2316	2207	2103	1964	1828	1682
								MH	5	2316	2207	2103	1964	1828	1682
								ML	4	2063	1970	1862	1762	1628	1475
								LO	3.5	1640	1590	1530	1446	1351	1225

* 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 DOWNFLOW / HORIZONTAL FURNACE PARTS LIST AND SPECIFICATIONS

