

REPLACEMENT PARTS LIST

iHybrid[™] Dual Fuel Gas Heat Pump DF6SF Series & DF6SF -"A" Series 15 SEER Models



IMPORTANT

- This document is primarily intended to assist qualified individuals experienced in the proper repair or servicing of this appliance. Only factory authorized parts or accessory kits may be used with this product. Improper installation, service, adjustment, or maintenance may cause explosion, fire, electrical shock or other hazardous conditions which may result in personal injury or property damage.
- Some local codes require licensed installation / service personnel to service this type of equipment. Under no circumstances should the equipment owner attempt to install parts or service this equipment. Failure to comply with this warning could result in property damage, personal injury, or death.

**2 & 3 TON DUAL FUEL GAS HEAT PUMP
(DF6SF Series & DF6SF – "A" Series)**

ITEM	DESCRIPTION	2 TON MODELS		3 TON MODELS	
		X24K-072C	X24K-080CA	X36K-100C	X36K-100CA
		920986	920986A	920988	920988A
1	ASSY, CAP, DUCT, HORIZONTAL (NOT SHOWN)	283101R	283101R	283101R	283101R
2	TOP PAN ASSY – LEFT	293781R	293781R	293781R	293781R
3	CORE, CHARGING PORT, STD FITTING (NOT SHOWN)	662103	662103	662103	662103
	CORE, CHARGING PORT, HI-FLOW (NOT SHOWN)	664331	664331	664331	664331
4	PANEL, HEAT EX. DIVIDER, 34"	D05072R	D05072R	–	–
	PANEL, HEAT EX. DIVIDER, 38"	–	–	D05075R	D05075R
5	BOTTOM PAN ASSY	D05480R	D05480R	D05480R	D05480R
6	RAIL, BASE, 47.23" LG	277551	277551	277551	277551
7	RAIL, BASE, 55.63" LG	277552	277552	277552	277552
8	DIVIDER PANEL ASSY, 34"	D05504R	D05504R	–	–
	DIVIDER PANEL ASSY, 38"	–	–	M0060722R	M0060722R
9	DUCT CAP ASSY	D05530R	D05530R	D05530R	D05530R
10	BLOWER PANEL ASSY, 34"	D05542R	D05542R	–	–
	BLOWER PANEL ASSY, 38"	–	–	D05543R	D05543R
11	ASSY, SRV PNL, INSULATED, 34" LOUVERED	296638R	296638R	–	–
	ASSY, SRV PNL, INSULATED, 38" LOUVERED	–	–	296639R	296639R
12	SUPPLY PANEL ASSY, 34"	D05552R	D05552R	–	–
	SUPPLY PANEL ASSY, 38"	–	–	D05557R	D05557R
13	RETURN PANEL ASSY, 34"	D05565R	D05565R	–	–
	RETURN PANEL ASSY, 38"	–	–	D05566R	D05566R
14	CORNER PANEL ASSY, 34"	D05628R	D05628R	–	–
	CORNER PANEL ASSY, 38"	–	–	D05629R	D05629R
15	ASSY, CLOSE-OFF PANEL, 34"	D05688R	D05688R	–	–
	ASSY, CLOSE-OFF PANEL, 38"	–	–	D05683R	D05683R
16	PAN, DRAIN	669190	669190	669190	669190
17	POST, CORNER, 34"	D09996R	D09996R	–	–
	POST, CORNER, 38"	–	–	D09997R	D09997R
18	PANEL, FRONT, 34" (MODELS PRODUCED BEFORE 2/1/11)	D12462R	D12462R	–	–
	PANEL, FRONT, 34" (MODELS PRODUCED AFTER 2/1/11)	–	298892R	–	–
	PANEL, FRONT, 38"	–	–	298893R	298893R
19	WRAPPER, BLWR, HSG, 9/10X10	297214R	297214R	297214R	297214R
20	WHEEL, BLOWER 10 X 10	667207R	667207R	667207R	667207R
21	MTR, VS, PROG, DF, 1/2HP, 14/15 SEER	M0034603R	–	–	–
	MTR, VS, PROG, DF, 1/2HP, 15 SEER, 2 STAGE	–	M0074348R	–	–
	MTR, VS, PROG, DF, 3/4HP, 14/15 SEER	–	–	M0034602R	–
	MTR, VS, PROG, DF, 3/4HP, 15 SEER, 2 STAGE	–	–	–	M0074349R
22	CONTACTOR	624712	624712	624712	624712
23	TRANSFORMER 40 VA	622336	622336	622336	622336
24	CAPAC, RUN 35 / 5 / 370-RND-MTL	620762	620762	–	–
	CAPAC, RUN 40 / 7.5 / 370-RND-MTL	–	–	620888	620888
25	IGNITION CONTROL, 2 STAGE	903106	–	903106	–
	IGNITION / BLOWER CONTROL, 2 STG, 2 SPD	–	921378	–	921378
26	PCB, VARIABLE SPEED INTERFACE, W/ HUMIDIFICATION	624677	N/A	624677	N/A
27	BOARD, DEMAND DEFROST W/ DELAY	920806	920806	920806	920806
28	DEMAND DEFROST SENSOR (NOT SHOWN)	624740	624740	624740	624740
29	PLUG, MOLDED, LV, 2-STAGE, .25 TERMS (NOT SHOWN)	634682	634682	634682	634682
30	AMBIENT SENSOR (NOT SHOWN)	296586R	296586R	296586R	296586R
31	EXHAUST DUCT ASSY	263420R	263420R	263420R	263420R
32	TOUCH UP PAINT, GREY	903598	903598	903598	903598
33	INDUCER MOTOR, SINGLE SPEED, 230V	903162	–	903162	–
	INDUCER MOTOR, 2 SPD, 230V	–	921379	–	921379

Please specify Model No., Serial No, and the correct part number(s) when ordering parts from the nearest authorized dealer or service center.

**2 & 3 TON DUAL FUEL GAS HEAT PUMP
(DF6SF Series & DF6SF – "A" Series)**

ITEM	DESCRIPTION	2 TON MODELS		3 TON MODELS	
		X24K-072C	X24K-080CA	X36K-100C	X36K-100CA
		920986	920986A	920988	920988A
34	SWITCH, PRESSURE, NO, 1.00" W.C.	632422	–	632422	–
	SWITCH, PRESSURE, DUAL, NO., .50"/.70"W.C.	–	632555	–	632555
35	GASKET, COLLECTOR PAN	689506	689506	689506	689506
36	GASKET, INDUCER MOTOR MOUNTING	689518	689518	689518	689518
37	HEAT EXCH. PANEL ASSY, 3 TUBE	293331R	–	–	–
	HEAT EXCH. PANEL ASSY, 4 TUBE	–	M0002536R	–	–
	HEAT EXCH. PANEL ASSY, 5 TUBE	–	–	M0042504R	M0042504R
38	LIMIT SWITCH, MAIN AIR	626423	626423	626446	626446
39	PAN, COLLECTOR ASSY, 1.25" ORIFICE	–	D05766R	–	–
	PAN, COLLECTOR ASSY, 1.35" ORIFICE	D10329R	–	–	–
	PAN, COLLECTOR ASSY, 1.44" ORIFICE	–	–	–	M0074320R
	PAN, COLLECTOR ASSY, 1.50" ORIFICE	–	–	D10328R	–
40	BURNER ASSY, 2 STG VALVE, 3 TUBE	293321R	–	–	–
	BURNER ASSY, 2 STG VALVE, 4 TUBE	–	M0034104R	–	–
	BURNER ASSY, 2 STG VALVE, 5 TUBE	–	–	293323R	293323R
41	BRACKET, EXT. SERV PT (MODELS PRODUCED BEFORE 2/1/11)	269022R	269022R	298551R	298551R
	BRACKET, EXT. SERV PT (MODELS PRODUCED AFTER 2/1/11)	–	298551R	298551R	298551R
42	LIMIT SWITCH, 320° F FLAME ROLLOUT	626547	626547	626547	626547
43	SENSOR, FLAME	632396	632396	632396	632396
44	BURNER, INSHOT	660812	660812	660812	660812
45	REPL. HAIL GUARD KIT (NOT SHOWN)	921213	921213	921213	921213
46	ORIFICE, MAIN BURNER, #43 DRILL (NOT SHOWN)	661043	–	–	–
	ORIFICE, MAIN BURNER, #45 DRILL (NOT SHOWN)	–	661045	661045	661045
47	MANIFOLD, GAS, 3 BURNER	664303	–	–	–
	MANIFOLD, GAS, 4 BURNER	–	664304	664305	664305
48	DRIER, FILTER, BIFLOW	669762	669762	669762	669762
49	COVER, EXHAUST VENT	265040R	265240R	265040R	265240R
50	PANEL, WEATHER	263880	263880	263880	263880
51	SUPPORT, COIL, 34"	263394	263394	–	–
	SUPPORT, COIL, 38"	–	–	263395	263395
53	STRAP, FILTER/DRIER	258781	258781	258781	258781
54	COIL, INDOOR	283091R	283091R	D06255R	D06255R
55	TXV, INDOOR	664343	664343	664346	664346
56	COMP, COPE, ZPS20K4E-PFV-230	920334	920334	–	–
	COMP, COPE, ZPS30K4E-PFV-230	–	–	920335	920335
57	SWITCH, HIGH PRESSURE (AUTO RESET)(NOT SHOWN)	632401	632401	632401	632401
58	SERVICE PORT - MODELS PRODUCED BEFORE 2/1/11	663728	663728	664393	664393
	SERVICE PORT - MODELS PRODUCED AFTER 2/1/11	–	664393	664393	664393
59	CORE, PORT, HI, FLOW, BRASS (NOT SHOWN)	664331	664331	664331	664331
60	GAS VALVE, 2-STAGE, NAT. GAS ONLY*	921816	921816	921816	921816
	GAS VALVE, 2-STAGE, w/ LP REGULATOR SPRINGS*	921691	921691	921691	921691
61	GROMMET, COMPRESSOR, SCROLL (NOT SHOWN)	668530	668530	668530	668530
62	COMPRESSOR SOUND BLANKET (NOT SHOWN)	689792	689792	689792	689792
63	COIL, OUTDOOR	D06262R	D06262R	2B3941R	2B3941R
64	INSULATED TOP RIGHT PAN ASSY	M0034707R	M0034707R	M0034707R	M0034707R
65	MOTOR, OUTDOOR FAN	622171	622171	622468	622468
	CONTROLLER, FAN MOTOR	–	–	622469	622469

*Gas valve kit includes necessary wiring harness for field replacement of gas valve P/N 624652 where applicable.

Please specify Model No., Serial No, and the correct part number(s) when ordering parts from the nearest authorized dealer or service center.

**2 & 3 TON DUAL FUEL GAS HEAT PUMP
(DF6SF Series & DF6SF – "A" Series)**

ITEM	DESCRIPTION	2 TON MODELS		3 TON MODELS	
		X24K-072C	X24K-080CA	X36K-100C	X36K-100CA
		920986	920986A	920988	920988A
66	FAN, BLADE	667357	667357	667351	667351
67	FAN, GRILLE, 24"	669335	669335	669335	669335
68	BRACKET, AMBIENT (NOT SHOWN)	296585R	296585R	296585R	296585R
69	GUARD, COIL (FORMED)	2A8453R	2A8453R	2A8454R	2A8454R
70	COMPRESSOR BOLTS (NOT SHOWN)	600400	600400	600400	600400
71	IGNITOR	903179	903179	903179	903179
72	PANEL, BLOWER DISCHARGE, 34"	281493	281493	–	–
	PANEL, BLOWER DISCHARGE, 38"	–	–	281494	281494
73	BLOWER SHELF	283932	283932	283932	283932
74	DIVIDER PANEL BRACKET	2B1891	2B1891	2B1891	2B1891
75	CHANNEL, DRAIN (Not available w/ 1 piece top pan)	279722R	279722R	279722R	279722R
77	ACCESS FITTING	663812	663812	663812	663812
78	COVER, HEADER, 34"	M0034205R	M0034205R	–	–
	COVER, HEADER, 38"	–	–	M0034214R	M0034214R
79	DOOR, ACCESS, 34"	296633R	296633R	–	–
	DOOR, ACCESS, 38"	–	–	296648R	296648R
80	TXV, OUTDOOR	664344	664344	664344	664344
81	CONTROL BRACKET	298591	298591	298591	298591
82	SWITCH, LOW PRESSURE (NOT SHOWN)	632393	632393	632393	632393
83	TERMINAL BOARD, LOW VOLTAGE	632475	632475	632475	632475
84	ONE-PIECE TOP PAN	M0034722	M0034722	M0034722	M0034722
85	DROP-IN ORIFICE	295481R	295481R	295481R	295481R
86	REVERSING VALVE (NOT SHOWN)	669465	669465	–	–
87	REVERSING VALVE COIL (NOT SHOWN)	669472	669472	–	–
88	REVERSING VALVE KIT (NOT SHOWN)	–	–	M0079101R	M0079101R

Please specify Model No., Serial No, and the correct part number(s) when ordering parts from the nearest authorized dealer or service center.

**4 & 5 TON DUAL FUEL GAS HEAT PUMP
(DF6SF Series & DF6SF – "A" Series)**

ITEM	DESCRIPTION	4 TON MODELS		5 TON MODELS	
		X48K-120C	X48K-120CA	X60K-120C	X60K-120CA
		920990	920990A	920992	920992A
1	ASSY, CAP, DUCT, HORIZONTAL (NOT SHOWN)	283101R	283101R	283101R	283101R
2	TOP PAN ASSY – LEFT	293781R	293781R	293781R	293781R
3	CORE, CHARGING PORT, STD FITTING (NOT SHOWN)	662103	662103	662103	662103
	CORE, CHARGING PORT, HI-FLOW (NOT SHOWN)	664331	664331	664331	664331
4	PANEL, HEAT EX. DIVIDER, 42"	D05074R	D05074R	D05074R	D05074R
5	BOTTOM PAN ASSY	D05480R	D05480R	–	–
	BOTTOM PAN ASSY EXT	–	–	D05481R	D05481R
6	RAIL, BASE, 47.23" LG	277551	277551	277551	277551
7	RAIL, BASE, 55.63" LG	277552	277552	277552	277552
8	DIVIDER PANEL ASSY, 42"	M0060704R	M0060704R	M0060704R	M0060704R
9	DUCT CAP ASSY	D05530R	D05530R	D05530R	D05530R
10	BLOWER PANEL ASSY, 42"	M0060714R	M0060714R	M0060714R	M0060714R
11	ASSY, SRV PNL, INSULATED, 42" LOUVERED	M0060703R	M0060703R	M0060703R	M0060703R
12	SUPPLY PANEL ASSY, 42"	M0060706R	M0060706R	M0060706R	M0060706R
13	RETURN PANEL ASSY, 42"	M0060707R	M0060707R	M0060707R	M0060707R
14	CORNER PANEL ASSY, 42"	M0060708R	M0060708R	M0060708R	M0060708R
15	ASSY, CLOSE-OFF PANEL, 42"	M0060710R	M0060710R	M0060710R	M0060710R
16	PAN, DRAIN	669190	669190	669190	669190
17	POST, CORNER, 42"	2B1941R	2B1941R	2B1941R	2B1941R
18	PANEL, FRONT, 42"	298894R	298894R	298894R	298894R
19	WRAPPER, BLWR, HSG, 11X10	297219R	297219R	297219R	297219R
20	WHEEL, BLOWER 11X10	667260R	667260R	667260R	667260R
21	MTR, VS, PROG, DF, 1HP, 14/15 SEER	M0034601R	–	M0034601R	–
	MTR, VS, PROG, DF, 1HP, 15 SEER, 2 STAGE	–	M0074398R	–	M0074398R
22	CONTACTOR	624713	624713	624713	624713
23	TRANSFORMER 40 VA	622336	622336	622336	622336
24	CAPAC, RUN 45 / 7.5 / 370-RND-MTL	621153	621153	–	–
	CAPAC, RUN 80 / 7.5 / 370-RND-MTL	–	–	621717	621717
25	IGNITION CONTROL, 2 STAGE	903106	–	903106	–
	IGNITION / BLOWER CONTROL, 2 STG, 2 SPD	–	921378	–	921378
26	PCB, VARIABLE SPEED INTERFACE, W/ HUMIDIFICATION	624677	N/A	624677	N/A
27	BOARD, DEMAND DEFROST W/ DELAY	920806	920806	920806	920806
28	DEMAND DEFROST SENSOR (NOT SHOWN)	624740	624740	624740	624740
29	PLUG, MOLDED, LV, 2-STAGE, .25 TERMS (NOT SHOWN)	634682	634682	634682	634682
	PLUG, MOLDED, HV, 460V (NOT SHOWN)	–	–	634715	634715
30	AMBIENT SENSOR (NOT SHOWN)	296586R	296586R	296586R	296586R
31	EXHAUST DUCT ASSY	263420R	263420R	263420R	263420R
32	TOUCH UP PAINT, GREY	903598	903598	903598	903598
33	INDUCER MOTOR, SINGLE SPEED, 230V	903162	–	903162	–
	INDUCER MOTOR, 2 SPD, 230V	–	921379	–	921379
34	SWITCH, PRESSURE, NO. 1.00" W.C.	632422	–	632422	–
	SWITCH, PRESSURE, DUAL, NO., .50"/.70"W.C.	–	632555	–	632555
35	GASKET, COLLECTOR PAN	689506	689506	689506	689506
36	GASKET, INDUCER MOTOR MOUNTING	689518	689518	689518	689518
37	HEAT EXCH. PANEL ASSY, 5 TUBE	M0042501R	M0042501R	M0042501R	M0042501R
38	LIMIT SWITCH, MAIN AIR	626432	626432	626432	626432
39	PAN, COLLECTOR ASSY, 1.69" ORIFICE	–	M0074321R	–	M0074321R
	PAN, COLLECTOR ASSY, 1.88" ORIFICE	D10324R	–	D10324R	–
40	BURNER ASSY, 2 STG VALVE, 5 TUBE	293322R	293322R	293322R	293322R

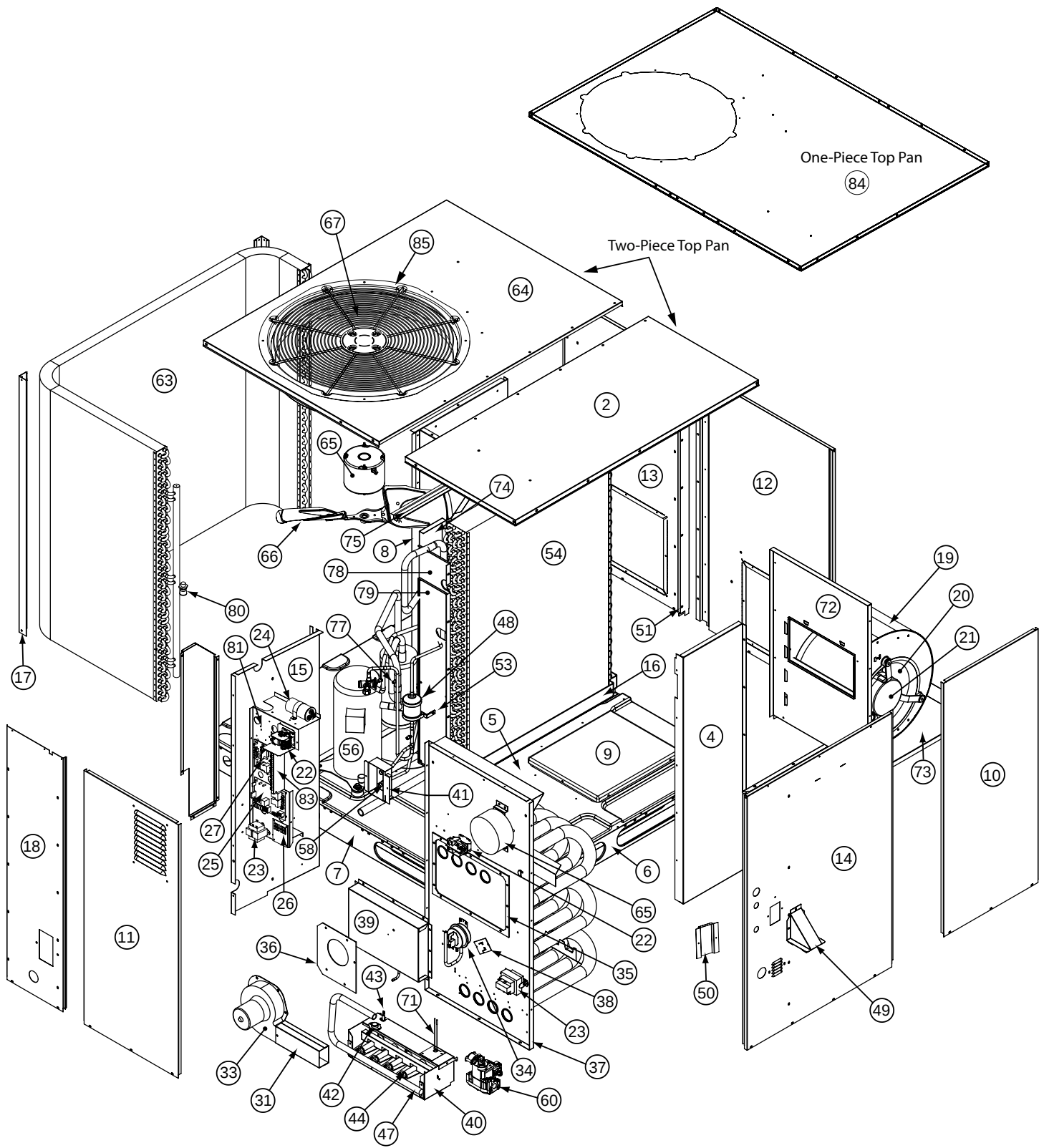
Please specify Model No., Serial No, and the correct part number(s) when ordering parts from the nearest authorized dealer or service center.

**4 & 5 TON DUAL FUEL GAS HEAT PUMP
(DF6SF Series & DF6SF – "A" Series)**

ITEM	DESCRIPTION	4 TON MODELS		5 TON MODELS	
		X48K-120C	X48K-120CA	X60K-120C	X60K-120CA
		920990	920990A	920992	920992A
41	BRACKET, EXT. SERV PT, HI-FLOW	298551R	298551R	298551R	298551R
42	LIMIT SWITCH, 320° F FLAME ROLLOUT	626547	626547	626547	626547
43	SENSOR, FLAME	632396	632396	632396	632396
44	BURNER, INSHOT	660812	660812	660812	660812
45	REPL. HAIL GUARD KIT (NOT SHOWN)	921213	921213	921213	921213
46	ORIFICE, MAIN BURNER, #43 DRILL (NOT SHOWN)	661043	661043	661043	661043
47	MANIFOLD, GAS, 5 BURNER	664305	664305	664305	664305
48	DRIER, FILTER, BIFLOW	669762	669762	669762	669762
49	COVER, EXHAUST VENT	265040R	265240R	265040R	265240R
50	PANEL, WEATHER	263880	263880	263880	263880
51	SUPPORT, COIL, 42"	263396	263396	263396	263396
53	STRAP, FILTER/DRIER	258780	258780	258780	258780
54	COIL, INDOOR	2B3721R	2B3721R	2B4001R	2B4001R
55	TXV, INDOOR	664350	664350	664275	664275
56	COMP, COPE, ZPS40K4E-PFV-230	920336	920336	–	–
	COMP, COPE, ZPS49K4E-PFV-230	–	–	920337	920337
57	SWITCH, HIGH PRESSURE (AUTO RESET) (NOT SHOWN)	632401	632401	632401	632401
58	SERVICE PORT	664393	664393	664393	664393
59	CORE, PORT, HI, FLOW, BRASS (NOT SHOWN)	664331	664331	664331	664331
60	GAS VALVE, 2-STAGE, NAT. GAS ONLY*	921816	921816	921816	921816
	GAS VALVE, 2-STAGE, w/ LP REGULATOR SPRINGS*	921691	921691	921691	921691
61	GROMMET, COMPRESSOR, SCROLL (NOT SHOWN)	668530	668530	668530	668530
62	COMPRESSOR SOUND BLANKET (NOT SHOWN)	689792	689792	689793	689793
63	COIL, OUTDOOR	2B3711R	2B3711R	2B5011R	2B5011R
64	INSULATED TOP RIGHT PAN ASSY	M0034707R	M0034707R	M0007286R	M0007286R
65	MOTOR, OUTDOOR FAN	622468	622468	621990	621990
	CONTROLLER, FAN MOTOR	622469	622469	–	–
66	FAN, BLADE	667351	667351	667351	667351
67	FAN, GRILLE, 24"	669335	669335	669335	669335
68	BRACKET, AMBIENT (NOT SHOWN)	296585R	296585R	296585R	296585R
69	GUARD, COIL (FORMED)	2B4611R	2B4611R	2B4871R	2B4871R
70	COMPRESSOR BOLTS (NOT SHOWN)	600400	600400	600400	600400
71	IGNITOR	903179	903179	903179	903179
72	PANEL, BLOWER DISCHARGE, 42"	281495	281495	281495	281495
73	BLOWER SHELF	283932	283932	283932	283932
74	DIVIDER PANEL BRACKET	2B1891	2B1891	2B1891	2B1891
75	CHANNEL, DRAIN (Not available w/ 1 piece top pan)	279722R	279722R	279722R	279722R
77	ACCESS FITTING	663812	663812	663812	663812
78	COVER, HEADER, 42"	M0034209R	M0034209R	M0034209R	M0034209R
79	DOOR, ACCESS, 42"	M0034208R	M0034208R	–	–
	DOOR, ACCESS, 42"	–	–	M0034216R	M0034216R
80	TXV, OUTDOOR	664348	664348	664348	664348
81	CONTROL BRACKET	298591	298591	298591	298591
82	SWITCH, LOW PRESSURE (NOT SHOWN)	632393	632393	632393	632393
83	TERMINAL BOARD, LOW VOLTAGE	632475	632475	632475	632475
84	ONE-PIECE TOP PAN	M0034722	M0034722	M0034723	M0034723
85	DROP-IN ORIFICE	295481R	295481R	295481R	295481R
86	REVERSING VALVE KIT (NOT SHOWN)	M0079101R	M0079101R	M0079101R	M0079101R

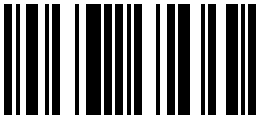
*Gas valve kit includes necessary wiring harness for field replacement of gas valve P/N 624652 where applicable.

Please specify Model No., Serial No, and the correct part number(s) when ordering parts from the nearest authorized dealer or service center.





Specifications & illustrations subject to change without notice or incurring obligations.
O' Fallon, MO | Printed in U.S.A. (12/11)



709170D (Replaces 709170C)