

**iHybrid<sup>®</sup> DUAL FUEL GAS HEAT PUMP  
DF6SE SERIES  
14 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.

## DF6SE DUAL FUEL GAS HEAT PUMP

ITEM #	DESCRIPTION	2 TON		3 TON	
		X24K045C	X24K072C	X36K072C	X36K096C
		919715	919716	919717	919718
1	ASSY, CAP, DUCT, HORIZONTAL	283101R	283101R	283101R	283101R
2	TOP PAN ASSY.-LEFT	293781R	293781R	293781R	293781R
3	CORE, CHARGING PORT (NOT SHOWN)	662103	662103	662103	662103
4	PANEL, HEAT EX. DIVIDER	D05072R	D05072R	D05072R	D05072R
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.	D05502R	D05502R	D05502R	D05502R
9	DUCT CAP ASSY.	D05530R	D05530R	D05530R	D05530R
10	SERVICE PANEL ASSY.	D05542R	D05542R	D05542R	D05542R
11	ASSY, SRV PNL, INSULATED, 34"	D05545R	D05545R	D05545R	D05545R
	ASSY, SRV PNL, INSULATED, 38"	—	—	—	—
12	SUPPLY PANEL ASSY.	D05552R	D05552R	D05552R	D05552R
13	RETURN PANEL ASSY.	D05565R	D05565R	D05565R	D05565R
14	CORNER PANEL ASSY, 34"	D05628R	D05628R	D05628R	D05628R
	CORNER PANEL ASSY, 38"	—	—	—	—
15	ASSY, CLOSE-OFF PANEL, 34"	D05688R	D05688R	D05688R	D05688R
	ASSY, CLOSE-OFF PANEL, 38"	—	—	—	—
16	PAN, DRAIN R4/P4/Q4 (NOT SHOWN)	669190	669190	669190	669190
17	POST, CORNER, 35.09L	D09996R	D09996R	D09996R	D09996R
	POST, CORNER, 39.09L	—	—	—	—
18	PANEL, FRONT, R4/P4/Q3	D12462R	D12462R	D12462R	D12462R
	PANEL, FRONT, R4/P4/Q4	—	—	—	—
19	BLOWER HSG ASSY, 9/10X10	D07483R	D07483R	D07483R	D07483R
	BLOWER HSG ASSY, 11X10	—	—	—	—
20	WHEEL, BLOWER 10X10	667207	667207	667207	667207
	WHEEL, BLOWER 11X10	—	—	—	—
21	MTR, VS, PROG, DF, 1HP, 14SEER	—	—	—	—
	MTR, VS, PROG, DF, 3/4HP, 14SEER	—	—	M0034602R	M0034602R
	MTR, VS, PROG, DF, 1/2HP, 14SEER	M0034603R	M0034603R	—	—
22	CONTACTOR, 1 POLE 35A (NOT SHOWN)	621662	621662	621662	621662
23	TRANSFORMER 40 VA	621709	621709	621709	621709
24	CAPAC, RUN 35/5/370-RND-MTL	01-0083	01-0083	—	—
	CAPAC, RUN 40/7.5/370-RND-MTL	—	—	620888	620888
	CAPAC, RUN 45/7.5/370-RND-MTL	—	—	—	—
	CAPAC, RUN 80/7.5/370-RND-MTL	—	—	—	—
25	CONTROL, INTEGRATED, HIS	903106	903106	903106	903106
26	PCB, VS INTERFASE, W/ HUM	624677	624677	624677	624677
27	BOARD, DEMAND DEFROST	920268	920268	920268	920268
28	DEMAND DEFROST SENSOR (NOT SHOWN)	626550	626550	626550	626550
29	PLUG, MOLDED, L, 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	VENT COVER ASSY	265040R	265040R	265040R	265040R
33	INDUCER MOTOR	903162	903162	903162	903162
34	SWITCH, PRESURE, NO	632422	632422	632422	632422
35	GASKET, COLLECTOR PAN	689506	689506	689506	689506
36	GASKET, INDUCER MOTOR MOUNTING	689518	689518	689518	689518
37	HEAT EXCH. PANEL ASSY	D10304R	293331R	293333R	D10306R
38	LIM, 1/2, 165/145	—	—	—	626432
	LIM, 1/2, 180/160	626434	—	—	—
	LIM, 1/2, 160/140	—	626484	—	—
	LIM, 1/2, 150/130	—	—	626418	—
39	COLLECTOR PAN ASSY	D10321R	D10322R	D10326R	D10323R
40	COMPL BRNR ASSY, 2-STAGE, 3-TUBE	—	293321R	293321R	—
	COMPL BRNR ASSY, 2-STAGE, 096C, 5-TUBE	—	—	—	—
	COMPL BRNR ASSY, 2-STAGE, 096C, 4-TUBE	—	—	—	M0034001R
	COMPL BRNR ASSY, 2-STAGE, 045C, 2-TUBE	M0034002R	—	—	—
41	VALVE, GAS, 2-STAGE, H.W.	624652	624652	624652	624652
42	LIMIT, ROLLOUT 320° F	626547	626547	626547	626547
43	SENSOR, FLAME	632396	632396	632396	632396

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ITEM #	DESCRIPTION	2 TON		3 TON	
		X24K045C	X24K072C	X36K072C	X36K096C
		919715	919716	919717	919718
44	BURNER, INSHOT	660812	660812	660812	660812
45	REPL. HAIL GUARD KIT (NOT SHOWN)	917206	917206	917206	917206
46	ORIFICE, MAIN BURNER, #43 DRILL (NOT SHOWN)	661043	661043	661043	661043
47	MANFOLD, 2-TUBE	664302	—	—	—
	MANFOLD, 3-TUBE	—	664303	664303	—
	MANFOLD, 4-TUBE	—	—	—	664304
	MANFOLD, 5-TUBE	—	—	—	—
48	DRIER, FILTER, BIFLOW, 16IN	669373	669373	669373	669373
49	ACCUM, 5"D, 3/4", 124 IN3	668853	668853	668853	668853
	ACCUM, 5"D, 7/8", 174 IN3	—	—	—	—
50	VALVE, REVERSING, SHF-14A-47-ND	669465	669465	669465	669465
	VALVE, REVERSING, SHF-20A-47-ND	—	—	—	—
51	COIL, REVERSING VALVE (NOT SHOWN)	669472	669472	669472	669472
52	COIL, INDOOR	283091R	283091R	283091R	283091R
53	DIST, BODY, 4CIR, (NOT SHOWN)	663581	663581	663581	663581
	DIST, BODY, 6CIR, (NOT SHOWN)	—	—	—	—
	DIST, BODY, 8CIR, (NOT SHOWN)	—	—	—	—
55	COMP, COPE, ZPS30K4E-PFV-230	—	—	918350	918350
	COMP, COPE, ZPS40K4E-PFV-229	—	—	—	—
	COMP, COPE, ZPS51K4E-PFV-230	—	—	—	—
	COMP, COPE, ZPS20K4E-PFV-230	918671	918671	—	—
57	SWITCH, HIGH PRESSURE (AUTO RESET)(NOT SHOWN)	632401	632401	632401	632401
58	PORT, HI FLOW, 3/8" R-410, A STYL (NOT SHOWN)	664329	664329	664329	664329
59	CORE, PORT, HI, FLOW, BRASS (NOT SHOWN)	664331	664331	664331	664331
60	VALVE, TXV, EQ, CK, R410A, 3.0T, OD	664344	664344	664344	664344
	VALVE, TXV, EQ, CK, R410A, 4.0T, OD	—	—	—	—
	VALVE, TXV, EQ, CK, R410A, 5.0T, OD	—	—	—	—
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	D06262R	D06262R
64	INSULATED TOP RIGHT PAN ASSY.	D12131R	D12131R	D12131R	D12131R
65	MOTOR, OUTDOOR FAN	621911	621911	621721	621721
66	FAN, BLADE	667370	667370	667370	667370
67	FAN, GRILLE, 22"	669175	669175	669175	669175
68	BRACKET, AMBIENT (NOT SHOWN)	296551	296551	296551	296551
69	GUARD, COIL (FORMED)	D09373R	D09373R	D09373R	D09373R
70	COMPRESSOR BOLTS (NOT SHOWN)	600400	600400	600400	600400
71	IGNITOR	903179	903179	903179	903179
72	PANEL, BLOWER DISCHARGE	281493	281493	281493	281493
73	BLOWER SHELF	283932	283932	283932	283932

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## DF6SE DUAL FUEL GAS HEAT PUMP

ITEM #	DESCRIPTION	4 TON		5 TON	
		X48K096C	X48K 120C	X60K096C	X60K120C
		929719	919720	919721	919722
1	ASSY, CAP, DUCT, HORIZONTAL	283101R	283101R	283101R	283101R
2	TOP PAN ASSY. LEFT	293781R	293781R	293781R	293781R
3	CORE, CHARGING PORT (NOT SHOWN)	662103	662103	662103	662103
4	PANEL, HEAT EX. DIVIDER	D05073R	D05073R	D05073R	D05073R
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.	D05503R	D05503R	D05503R	D05503R
9	DUCT CAP ASSY.	D05530R	D05530R	D05530R	D05530R
10	SERVICE PANEL ASSY.	D05543R	D05543R	D05543R	D05543R
11	ASSY, SRV PNL, INSULATED, 34"	—	—	—	—
	ASSY, SRV PNL, INSULATED, 38"	D05546R	D05546R	D05546R	D05546R
12	SUPPLY PANEL ASSY.	D05553R	D05553R	D05553R	D05553R
13	RETURN PANEL ASSY.	D05566R	D05566R	D05566R	D05566R
14	CORNER PANEL ASSY, 34"	—	—	—	—
	CORNER PANEL ASSY, 38"	D05629R	D05629R	D05629R	D05629R
15	ASSY, CLOSE-OFF PANEL, 34"	—	—	—	—
	ASSY, CLOSE-OFF PANEL, 38"	D05689R	D05689R	D05689R	D05689R
16	PAN, DRAIN R4/P4/Q4 (NOT SHOWN)	669190	669190	669190	669190
17	POST, CORNER, 35.09 L	—	—	—	—
	POST, CORNER, 39.09 L	D09997R	D09997R	D09997R	D09997R
18	PANEL, FRONT, R4/P4/Q3	—	—	—	—
	PANEL, FRONT, R4/P4/Q4	D12463R	D12463R	D12463R	D12463R
19	BLOWER HSG ASSY, 9/10X10	—	—	—	—
	BLOWER HSG ASSY, 11X10	D07484R	D07484R	D07484R	D07484R
20	WHEEL, BLOWER 10X10	—	—	—	—
	WHEEL, BLOWER 11X10	667277	667277	667277	667277
21	MTR, VS, PROG, DF, 1HP, 14SEER	M0034601R	M0034601R	M0034601R	M0034601R
	MTR, VS, PROG, DF, 3/4HP, 14SEER	—	—	—	—
	MTR, VS, PROG, DF, 1/2HP, 14SEER	—	—	—	—
22	CONTACTOR, 1 POLE 35A (NOT SHOWN)	621662	621662	621662	621662
23	TRANSFORMER 40 VA	621709	621709	621709	621709
24	CAPAC, RUN 35/5/370-RND-MTL	—	—	—	—
	CAPAC, RUN 40/7.5/370-RND-MTL	—	—	—	—
	CAPAC, RUN 45/7.5/370-RND-MTL	621153	621153	—	—
	CAPAC, RUN 80/7.5/370-RND-MTL	—	—	01-0279	01-0279
25	CONTROL, INTEGRATED, HIS	903106	903106	903106	903106
26	PCB, VS INTERFASE, W/ HUM	624677	624677	624677	624677
27	BOARD, DEMAND DEFROST	920268	920268	920268	920268
28	DEMAND DEFROST SENSOR (NOT SHOWN)	626550	626550	626550	626550
29	PLUG, MOLDED, L, 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	VENT COVER ASSY	265040R	265040R	265040R	265040R
33	INDUCER MOTOR	903162	903162	903162	903162
34	SWITCH, PRESURE, NO	632422	632422	632422	632422
35	GASKET, COLLECTOR PAN	689506	689506	689506	689506
36	GASKET, INDUCER MOTOR MOUNTING	689518	689518	689518	689518
37	HEAT EXCH. PANEL ASSY	D10308R	D10309R	D10308R	D10309R
38	LIM, 1/2, 165/145	626432	626432	626432	626432
	LIM, 1/2, 180/160	—	—	—	—
	LIM, 1/2, 160/140	—	—	—	—
	LIM, 1/2, 150/130	—	—	—	—
39	COLLECTOR PAN ASSY	D10323R	D10324R	D10323R	D10324R
40	COMPL BRNR ASSY, 2-STAGE, 3-TUBE	—	—	—	—
	COMPL BRNR ASSY, 2-STAGE, 096C, 5-TUBE	—	293322R	—	293322R
	COMPL BRNR ASSY, 2-STAGE, 096C, 4-TUBE	M0034001R	—	M0034001R	—
	COMPL BRNR ASSY, 2-STAGE, 045C, 2-TUBE	—	—	—	—
41	VALVE, GAS, 2-STAGE, H.W.	624652	624652	624652	—
42	LIMIT, ROLLOUT 320° F	626547	626547	626547	626547
43	SENSOR, FLAME	632396	632396	632396	632396

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## DF6SE DUAL FUEL GAS HEAT PUMP

ITEM #	DESCRIPTION	4 TON		5 TON	
		X48K096C	X48K 120C	X60K096C	X60K120C
		929719	919720	919721	919722
44	BURNER, INSHOT	660812	660812	660812	660812
45	REPL. HAIL GUARD KIT (NOT SHOWN)	917206	917206	917206	917206
46	ORIFICE, MAIN BURNER, #43 DRILL (NOT SHOWN)	661043	661043	661043	661043
47	MANFOLD, 2-TUBE	—	—	—	—
	MANFOLD, 3-TUBE	—	—	—	—
	MANFOLD, 4-TUBE	664304	—	664304	—
	MANFOLD, 5-TUBE	—	664305	—	664305
48	DRIER, FILTER, BIFLOW, 16IN	669373	669373	669373	669373
49	ACCUM, 5"D, 3/4", 124 IN3	—	—	—	—
	ACCUM, 5"D, 7/8", 174 IN3	668854	668854	668854	668854
50	VALVE, REVERSING, SHF-14A-47-ND	—	—	—	—
	VALVE, REVERSING, SHF-20A-47-ND	669466	669466	669466	669466
51	COIL, REVERSING VALVE (NOT SHOWN)	669472	669472	669472	669472
52	COIL, INDOOR	D06255R	D06255R	D06256R	D06256R
53	DIST, BODY, 4CIR, (NOT SHOWN)	—	—	—	—
	DIST, BODY, 6CIR, (NOT SHOWN)	663584	663584	—	—
	DIST, BODY, 8CIR, (NOT SHOWN)	—	—	663586	663586
55	COMP, COPE, ZPS30K4E-PFV-230	—	—	—	—
	COMP, COPE, ZPS40K4E-PFV-229	918351	918351	—	—
	COMP, COPE, ZPS51K4E-PFV-230	—	—	918352	918352
	COMP, COPE, ZPS20K4E-PFV-230	—	—	—	—
57	SWITCH, HIGH PRESSURE (AUTO RESET) (NOT SHOWN)	632401	632401	632401	632401
58	PORT, HI FLOW, 3/8" R-410, A STYL (NOT SHOWN)	664329	664329	664329	664329
59	CORE, PORT, HI, FLOW, BRASS (NOT SHOWN)	664331	664331	664331	664331
60	VALVE, TXV, EQ, CK, R410A, 3.0T, OD	—	—	—	—
	VALVE, TXV, EQ, CK, R410A, 4.0T, OD	664346	664346	—	—
	VALVE, TXV, EQ, CK, R410A, 5.0T, OD	—	—	664348	664348
61	GROMMET, COMPRESSOR, SCROLL (NOT SHOWN)	668530	668530	668530	668530
62	COMPRESSOR SOUND BLANKET (NOT SHOWN)	689792	689792	689793	689793
63	COIL, OUTDOOR	D06265R	D06265R	D06266R	D06266R
64	INSULATED TOP RIGHT PAN ASSY.	D12131R	D12131R	D12131R	D12131R
65	MOTOR, OUTDOOR FAN	621740	621740	621740	621740
66	FAN, BLADE	667369	667369	667369	667369
67	FAN, GRILLE, 22"	669175	669175	669175	669175
68	BRACKET, AMBIENT (NOT SHOWN)	296551	296551	296551	296551
69	GUARD, COIL (FORMED)	D09374R	D09374R	D09374R	D09374R
70	COMPRESSOR BOLTS (NOT SHOWN)	600400	600400	600400	600400
71	IGNITOR	903179	903179	903179	903179
72	PANEL, BLOWE DISCHARGE	281493	281493	281493	281493
73	BLOWER SHELF	283932	283932	283932	283932

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