



RESIDENTIAL AND LIGHT DUTY COMMERCIAL GAS REPLACEMENT PARTS LIST

Power Direct Vent Models



“PDX”, “PDX1” and “PDX2” Series

DEFENDER
SAFETY SYSTEM®

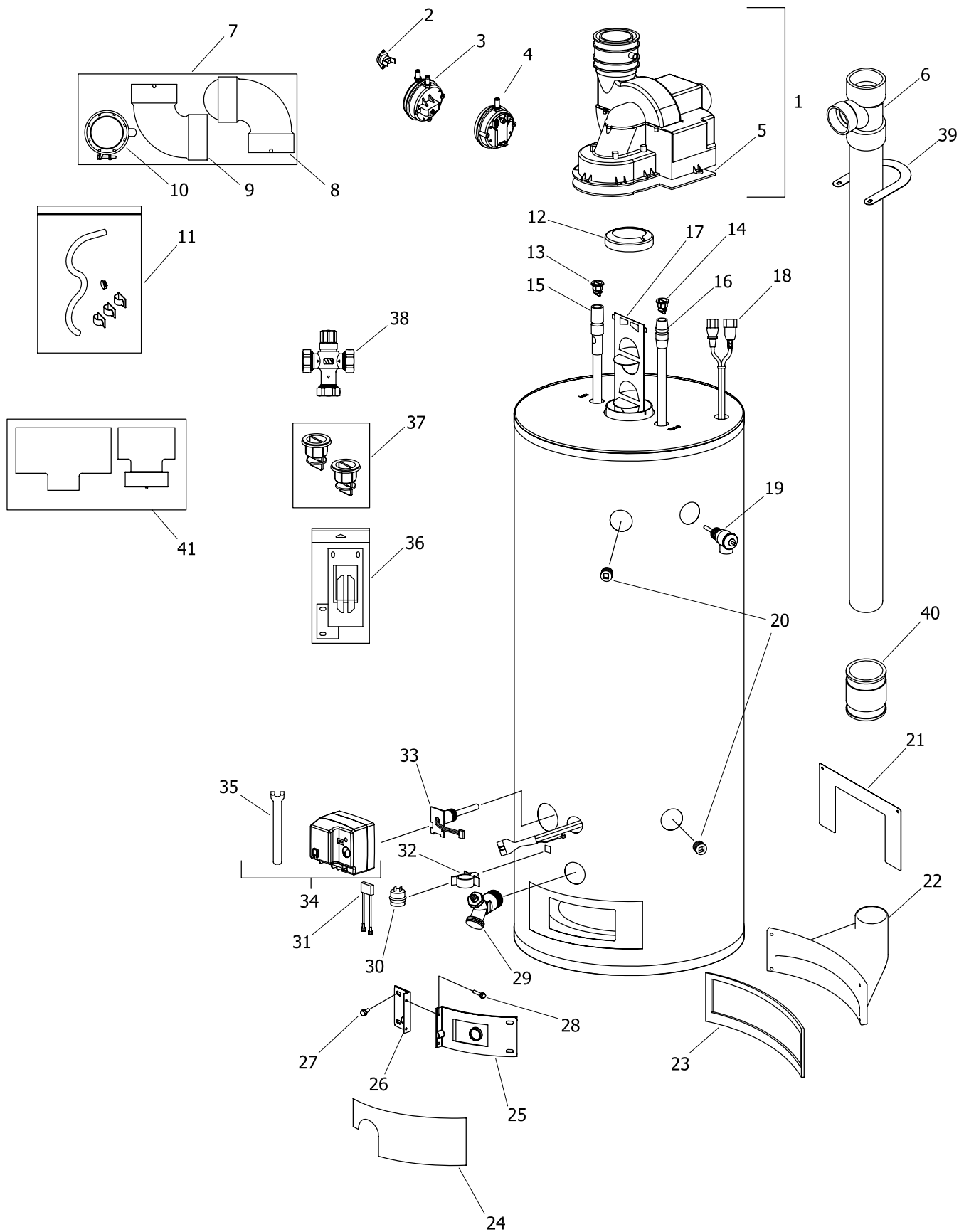
Includes Hydrojet®
Total Performance System

Effective: July, 2010
ECO 7554

NOTE: BOTH MODEL AND SERIAL
NUMBERS ARE REQUIRED FOR
ORDERING REPLACEMENT PARTS

Dimensions and specifications
subject to change without notice.

(PDX1-40S6FBN Model Shown)



Item	Description	Model PDX140 F(BN,SX)	Model PDX150F(BN,SX)	Model PDX250T*F(BN, SX, CX)	Model PDX265T*F(BN, SX, CX)
1	Blower Assembly (Normal Alt.) †	---	---	265-46719-00	265-46719-00
	Blower Assembly (Normal alt.) ‡	265-47386-00	265-47386-00	265-47387-00	265-47387-00
	Blower Assembly (High Alt.) †	---	---	243-46881-00	243-46881-00
	Blower Assembly (High alt.) ■	265-47386-00	265-47386-00	265-47387-00	265-47387-00
	Blower assembly (High Alt.) ♦	---	---	243-48528-00	243-48528-00
2	Blower Temperature Switch	239-45865-00	239-45865-00	239-45865-00	239-45865-00
3	Pressure Switch N.O. (Normal Alt.) Exhaust †	---	---	239-46880-01	239-46880-01
	Pressure Switch N.O. (High Alt.) Exhaust ♦	---	---	239-46880-02	239-46880-02
	Pressure Switch N.O. Exhaust ‡	---	---	239-48058-00	239-48058-00
4	Pressure Switch N.C. Intake †	---	---	239-46879-01	239-46879-01
5	Blower Gasket	239-45866-00	239-45866-00	239-45866-00	239-45866-00
6	Tee and vent pipe Assembly †	---	---	239-46823-01	239-46823-02
	Tee and vent pipe Assembly ‡	239-47622-05	239-47622-02	239-47622-01	239-47622-03
7	Vent Adapter with Vent Terminal	---	---	239-46811-00	239-46811-00
8	Intake Vent Terminal Elbow	239-42642-01	239-42642-01	239-42642-01	239-42642-01
9	Exhaust Vent Terminal Elbow	239-40579-00	239-40579-00	239-40579-00	239-40579-00
10	Exhaust Adapter	239-45639-00	239-45639-00	239-45639-00	239-45639-00
11	Condensate Hose Kit (Optional)	239-45875-00	239-45875-00	239-45875-00	239-45875-00
12	Flue Reducer	243-42572-00	243-42572-00	243-42572-00	243-42572-00
13	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00	239-45073-00
15	Hot Water Outlet Anode Magnesium ▲	224-47776-09	224-47776-10	224-47776-12	224-47776-08
	Aluminum ▲ (optional)	224-47778-09	224-47778-10	224-47778-12	224-47778-08
	A420 Aluminum ▲ (optional)	224-45147-03	224-45147-03	224-45147-03	224-45147-03
16	Cold Water Inlet Dip Tube Polypropylene ▲ ▲	229-39625-20	229-39625-20	229-39625-17	229-45398-07
	Polysulfone (NC Code) ▲ ▲	229-39628-17	229-39628-17	229-39628-17	229-45092-04
17	Flue Baffle	239-45373-00	239-45373-00	239-45373-00	239-45373-00
18	Blower Harness	239-45617-01	239-45617-01	239-45617-02	239-45617-02
19	T&P Relief Valve †	---	---	230-40594-02	230-32920-01
	T&P Relief Valve ‡	230-32920-01	230-32920-01	230-40594-02	230-40594-02
20	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00	239-11638-00
21	Air Intake Boot Escutcheon †	---	---	243-46922-00	243-46922-00
22	Air Intake Boot †	---	---	239-46756-01	239-46756-02
	Air Intake Boot ‡	239-47514-18	239-47514-20	239-47514-18	239-47514-20
23	Air Intake Boot Gasket †	---	---	239-41067-00	239-41067-00
	Air Intake Boot Gasket ‡	239-47832-00	239-47832-00	239-47832-00	239-47832-00
24	Outer Door	243-43962-00	243-43962-00	243-43962-00	243-43962-00
25	Right Side Inner Door †	---	---	239-45642-18	239-45642-20
	Right Side Inner Door ‡	239-45642-18	239-45642-20	239-45642-18	239-45642-20
26	Left Side Inner Door	239-43968-18	239-43968-20	239-43968-18	239-43968-20
27	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00	239-44113-00

*Applies to all warranties

**Inner door gasket kit recommended

***Ordering a complete burner assembly may increase delivery time.

Please order the specific component required for the quickest delivery.

▲ Order with item 13

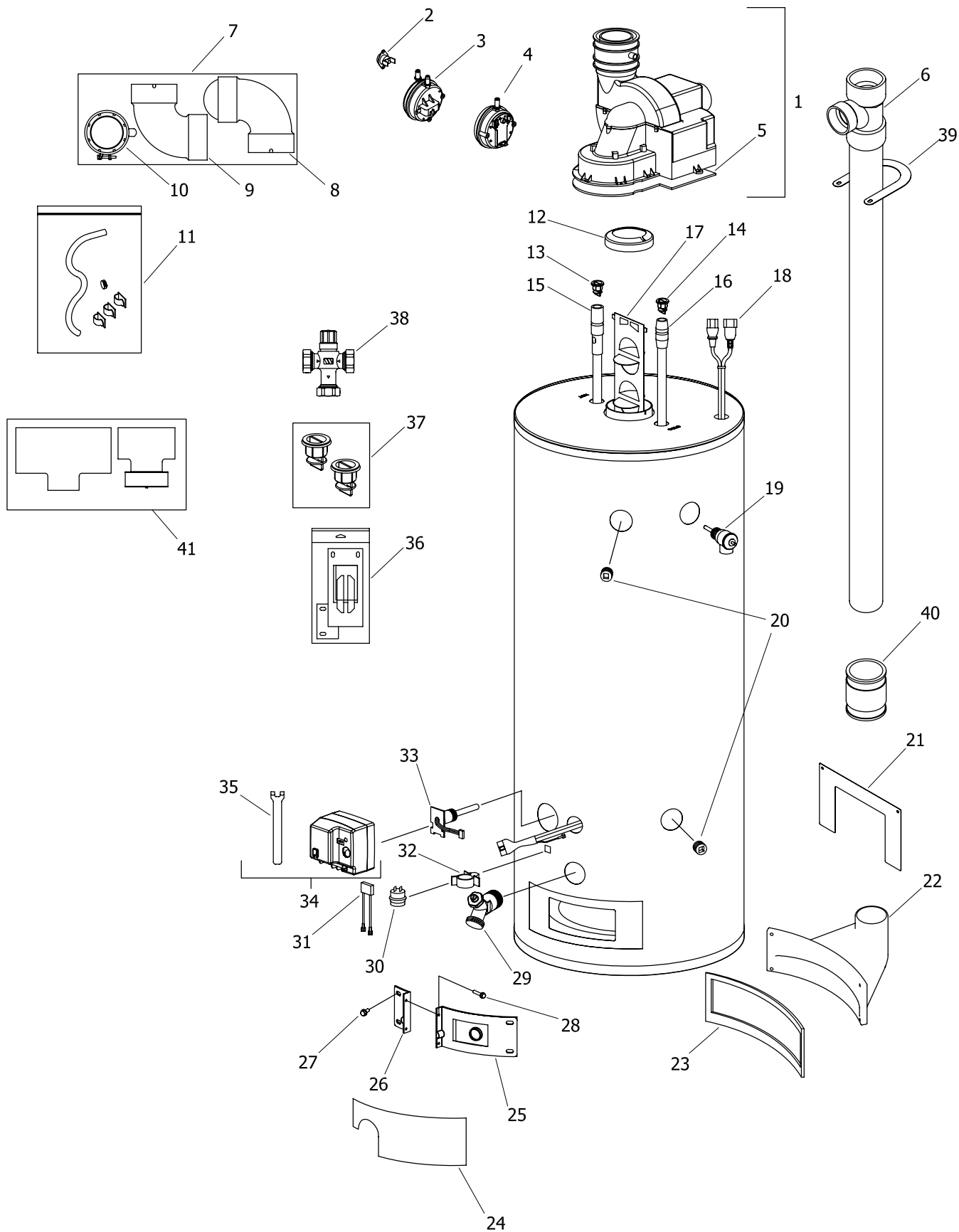
▲ ▲ Order with item 14

† Serial # Prior to FF12046598.

‡ Serial # FF12046598 and after.

■ Serial # FF12046598 to GF13535156.

♦ Serial # GF13535157 and after.



Item	Description	Model PDX140 F(BN,SX)	Model PDX150F(BN,SX)	Model PDX250T*F(BN, SX, CX)	Model PDX265T*F(BN, SX, CX)
28	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00	239-44195-00
29	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02
30	Flammable Vapor Sensor	239-45560-00	239-45560-00	239-45560-00	239-45560-00
31	Sensor Harness	239-45620-00	239-45620-00	239-45620-00	239-45620-00
32	Flammable Vapor Sensor Clip	239-45648-00	239-45648-00	239-45648-00	239-45648-00
33	Thermal Well †	---	---	233-45651-02	233-45651-01
	Thermal Well ‡	233-45651-01	233-45651-01	233-45651-02	233-45651-02
34	Gas Valve Natural Gas	239-45613-01	239-45613-01	239-45613-01	239-45613-01
	Gas Valve LP Gas	239-45614-01	239-45614-01	239-45614-01	239-45614-01
35	Gas Valve Service Tool	239-45991-00	239-45991-00	239-45991-00	239-45991-00
36	Inner Door Gasket Kit †	---	---	239-44078-00	239-44078-00
	Inner Door Gasket Kit ‡	239-44078-00	239-44078-00	239-44078-00	239-44078-00
37	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00	265-45419-00
38	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01	239-43740-01
39	Bracket-Vertical intake ‡	239-47671-02	239-47671-02	239-47671-01	239-47671-01
40	Coupling-2 X 2 ‡	239-47850-00	239-47850-00	239-47850-00	239-47850-00
41	Air Inlet Relief Device	239-48391-00	239-48391-00	239-48392-00	239-48392-00

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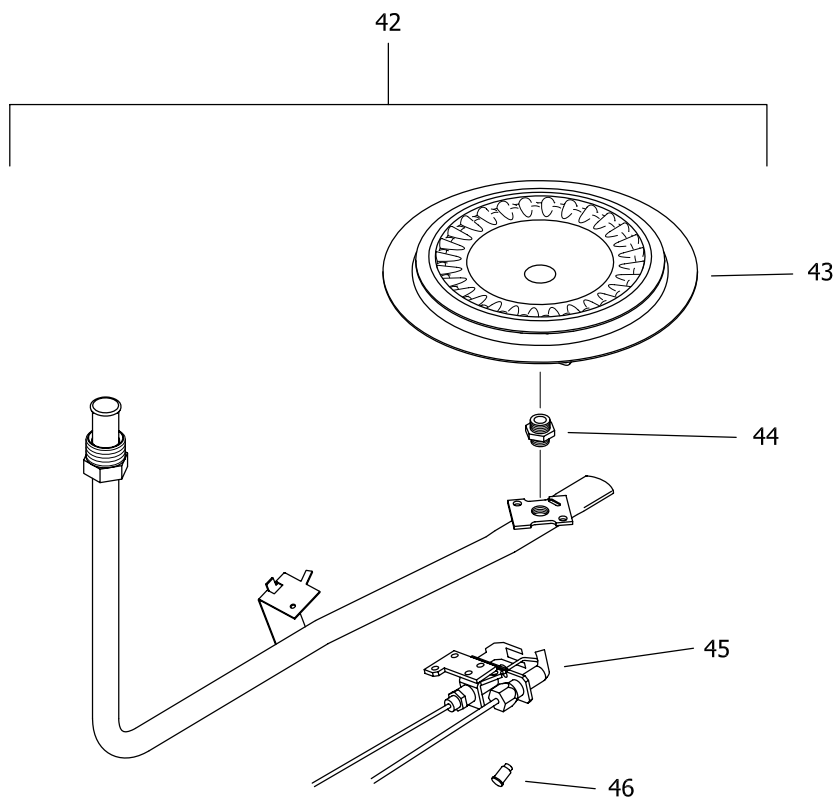
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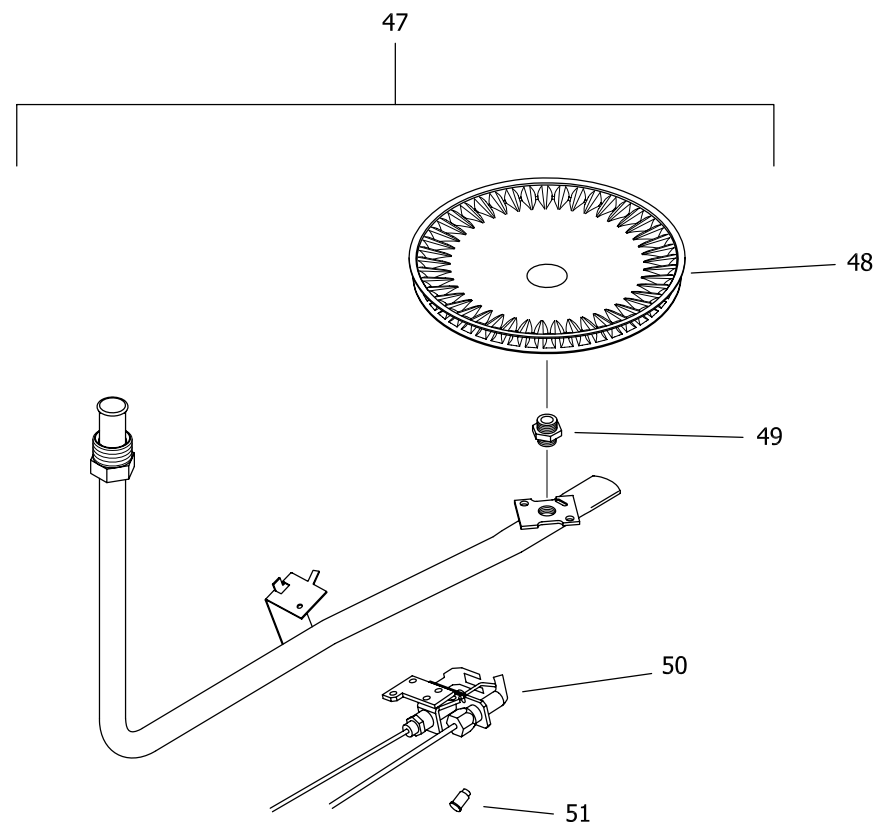
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◆Serial # GF13535157 and after.



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

Item	Description	Model PDX140 F(BN,SX)	Model PDX150F(BN,SX)	Model PDX250T*F(BN, SX, CX)	Model PDX265T*F(BN, SX, CX)
	Natural Gas BN Burner Assembly				
42	Nat. Gas Burner Assembly Complete*** †	---	---	265-47439-06-28	265-47439-09-27
	Nat. Gas Burner Assembly Complete*** ‡	265-47784-01-32	265-47784-02-32	265-47784-02-28	243-47376-02-27
	Nat. Gas Burner Assembly Complete*** ◆	265-47784-01-33	265-47784-02-33	265-47784-02-28	243-47376-02-27
43	Nat. Gas (BN) Burner**	228-42506-00	228-42506-00	228-42506-00	228-42506-00
44	Nat. Gas (BN) Main Burner Orifice**	234-41034-32	234-41034-32	234-41034-28	234-41034-27
	Nat. Gas (BN) Main Burner Orifice** ◆	234-41034-33	234-41034-33	234-41034-28	234-41034-27
	Nat. Gas (BN)High Altitude 2001 Ft. to 5000 Ft.**	234-41034-33	234-41034-33	234-41034-30	234-41034-29
	Nat. Gas (BN)High Altitude 2001 Ft. to 5000 Ft.** ◆	234-41034-36	234-41034-36	234-41034-30	234-41034-29
	Nat. Gas (BN)High Altitude 5001 Ft. to 8000 Ft.**	234-41034-35	234-41034-35	234-41034-31	234-41034-31
	Nat. Gas (BN)High Altitude Over 8000 Ft.**	234-41034-38	234-41034-38	234-41034-31	234-41034-31
45	Nat. Gas Pilot Assembly**	233-45653-05	233-45653-05	233-45653-05	233-45653-05
46	Nat. Gas Pilot Orifice**	234-45869-01	234-45869-01	234-45869-01	234-45869-01
	LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly			(Replacement for LP Gas (CX) Cast Iron Burner)	
47	LP Gas Burner Assembly Complete*** †	---	---	265-47440-10-44	265-47440-16-44
	LP Gas Burner Assembly Complete*** ‡	265-47917-01-50	265-47917-02-50	265-47376-01-44	265-47376-02-44
48	LP Gas (SX) Burner**	228-46964-00	228-46964-00	228-47000-00	228-47000-00
49	LP Gas (SX) Main Burner Orifice**	234-47064-50	234-47064-50	234-47064-44	234-47064-44
	LP Gas (SX) High Altitude 2001 Ft. to 5000 Ft.**	234-47064-51	234-47064-51	234-47064-47	234-47064-47
	LP Gas (SX) High Altitude 5001 Ft. to 8000 Ft.**	234-47064-52	234-47064-52	234-47064-48	234-47064-48
	LP Gas (SX) High Altitude Over 8000 Ft.**	234-47064-53	234-47064-53	234-47064-49	234-47064-49
50	LP Gas (SX) Pilot Assembly**	233-45653-04	233-45653-04	233-45653-04	233-45653-04
51	LP Gas (SX) Pilot Orifice**	234-45869-02	234-45869-02	234-45869-02	234-45869-02
	LP to Natural Gas Conversion Kit (Norm Alt.) †	---	---	265-46493-23	265-46493-24
	LP to Natural Gas Conversion Kit (High Alt.) †	---	---	265-46493-29	265-46493-30
	LP to Natural Gas Conversion Kit (Norm Alt.) ‡	265-46493-47	265-46493-48	265-46493-49	265-46493-50
	LP to Natural Gas Conversion Kit (High Alt.) ‡	265-46493-55	265-46493-56	265-46493-57	265-46493-58

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**Inner door gasket kit recommended

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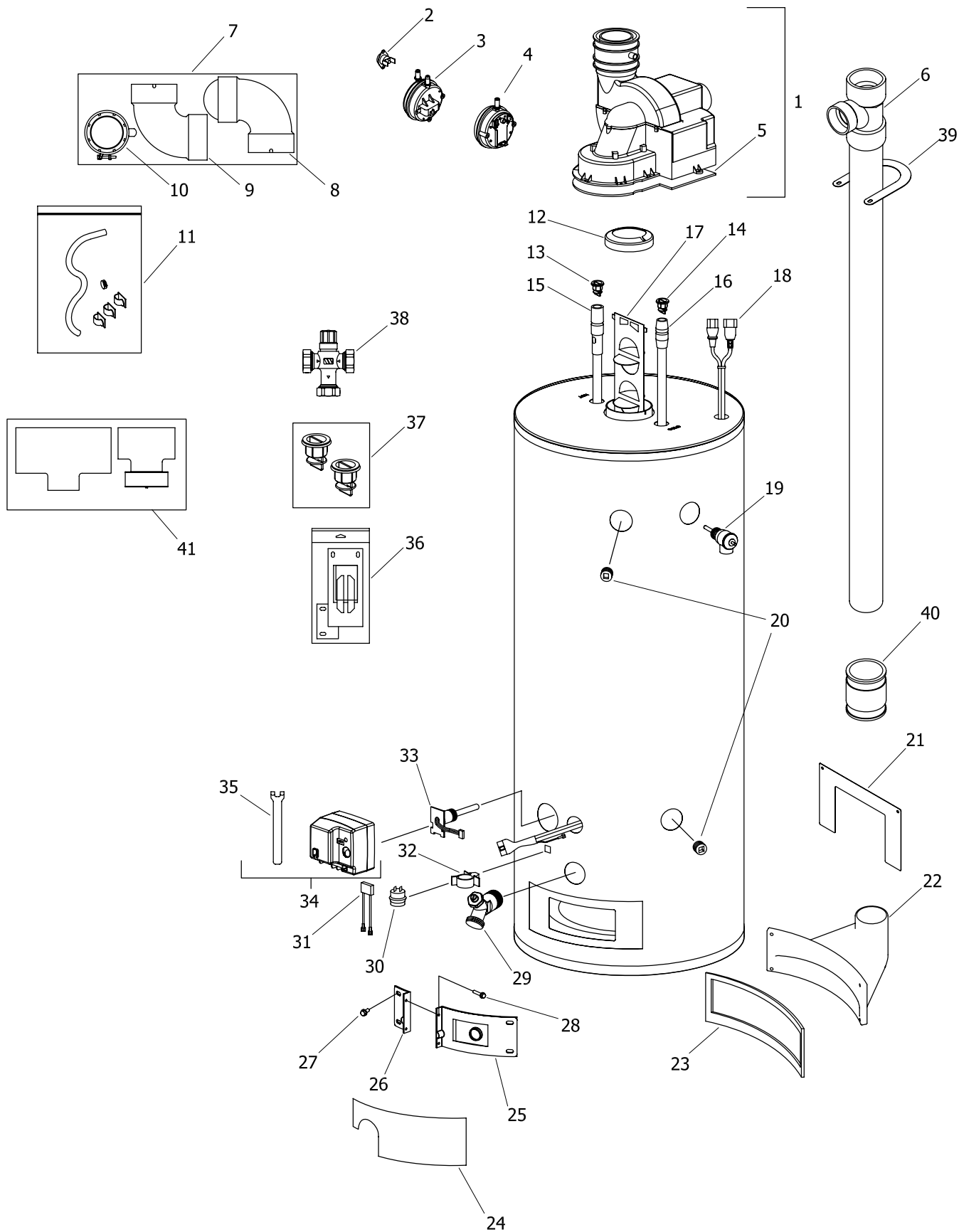
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‡ Serial # FF12046598 and after.

■ Serial # FF12046598 to GF13535156.

◆Serial # GF13535157 and after.



Item	Description	Model	Model	Model	Model
		PDX275T*F(BN, SX, CX)	PDX50S60F(B*N, S*X, C*X)	PDX65S65F(B*N, S*X, C*X)	PDX75S70F(B*N, S*X, C*X)
1	Blower Assembly (Normal Alt.) †	265-46719-00	265-46719-00	265-46719-00	265-46719-00
	Blower Assembly (Normal alt.) ‡	265-47387-00	265-47387-00	265-47387-00	265-47387-00
	Blower Assembly (High Alt.) †	243-46881-00	243-46881-00	243-46881-00	243-46881-00
	Blower Assembly (High alt.) ■	265-47387-00	265-47387-00	265-47387-00	265-47387-00
	Blower assembly (High Alt.) ♦	243-48528-00	243-48528-00	243-48528-00	243-48528-00
2	Blower Temperature Switch	239-45865-00	239-45865-00	239-45865-00	239-45865-00
3	Pressure Switch N.O. (Normal Alt.) Exhaust †	239-46880-01	239-46880-01	239-46880-01	239-46880-01
	Pressure Switch N.O. (High Alt.) Exhaust ♦	239-46880-02	239-46880-02	239-46880-02	239-46880-02
	Pressure Switch N.O. Exhaust ‡	239-48058-00	239-48058-00	239-48058-00	239-48058-00
4	Pressure Switch N.C. Intake †	239-46879-01	239-46879-01	239-46879-01	239-46879-01
5	Blower Gasket	239-45866-00	239-45866-00	239-45866-00	239-45866-00
6	Tee and vent pipe Assembly †	239-46823-03	239-46823-01	239-46823-02	239-46823-03
	Tee and vent pipe Assembly ‡	239-47622-04	239-47622-01	239-47622-03	239-47622-04
7	Vent Adapter with Vent Terminal	239-46811-00	239-46811-00	239-46811-00	239-46811-00
8	Intake Vent Terminal Elbow	239-42642-01	239-42642-01	239-42642-01	239-42642-01
9	Exhaust Vent Terminal Elbow	239-40579-00	239-40579-00	239-40579-00	239-40579-00
10	Exhaust Adapter	239-45639-00	239-45639-00	239-45639-00	239-45639-00
11	Condensate Hose Kit (Optional)	239-45875-00	239-45875-00	239-45875-00	239-45875-00
12	Flue Reducer	---	243-42572-00	243-42572-00	---
13	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00	239-45073-00
15	Hot Water Outlet Anode Magnesium ▲	224-47776-07	224-47776-12	224-47776-08	224-47776-07
	Aluminum ▲ (optional)	224-47778-07	224-47778-12	224-47778-08	224-47778-07
	A420 Aluminum ▲ (optional)	224-45147-03	224-45147-03	224-45147-03	224-45147-03
16	Cold Water Inlet Dip Tube Polypropylene ▲▲	229-45398-07	229-39625-19	229-45398-02	229-45398-07
	Polysulfone (NC Code) ▲▲	229-45092-04	229-39628-19	229-45092-03	229-45092-04
17	Flue Baffle	239-42899-00	239-45373-00	239-45373-00	239-42899-00
18	Blower Harness	239-45617-02	239-45617-02	239-45617-02	239-45617-02
19	T&P Relief Valve †	230-40594-02	230-40594-02	230-32920-01	230-40594-02
	T&P Relief Valve ‡	230-40594-02	230-40594-02	230-40594-02	230-40594-02
20	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00	239-11638-00
21	Air Intake Boot Escutcheon †	243-46922-00	243-46922-00	243-46922-00	243-46922-00
22	Air Intake Boot †	239-46756-03	239-46756-01	239-46756-02	239-46756-03
	Air Intake Boot ‡	239-47514-22	239-47514-18	239-47514-20	239-47514-22
23	Air Intake Boot Gasket †	239-41067-00	239-41067-00	239-41067-00	239-41067-00
	Air Intake Boot Gasket ‡	239-47832-00	239-47832-00	239-47832-00	239-47832-00
24	Outer Door	243-43962-00	243-43962-00	243-43962-00	243-43962-00
25	Right Side Inner Door †	239-45642-20	239-45642-18	239-45642-20	239-45642-20
	Right Side Inner Door ‡	239-47504-22	239-45642-18	239-45642-20	239-47504-22
26	Left Side Inner Door	239-43968-20	239-43968-18	239-43968-20	239-43968-20
27	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00	239-44113-00

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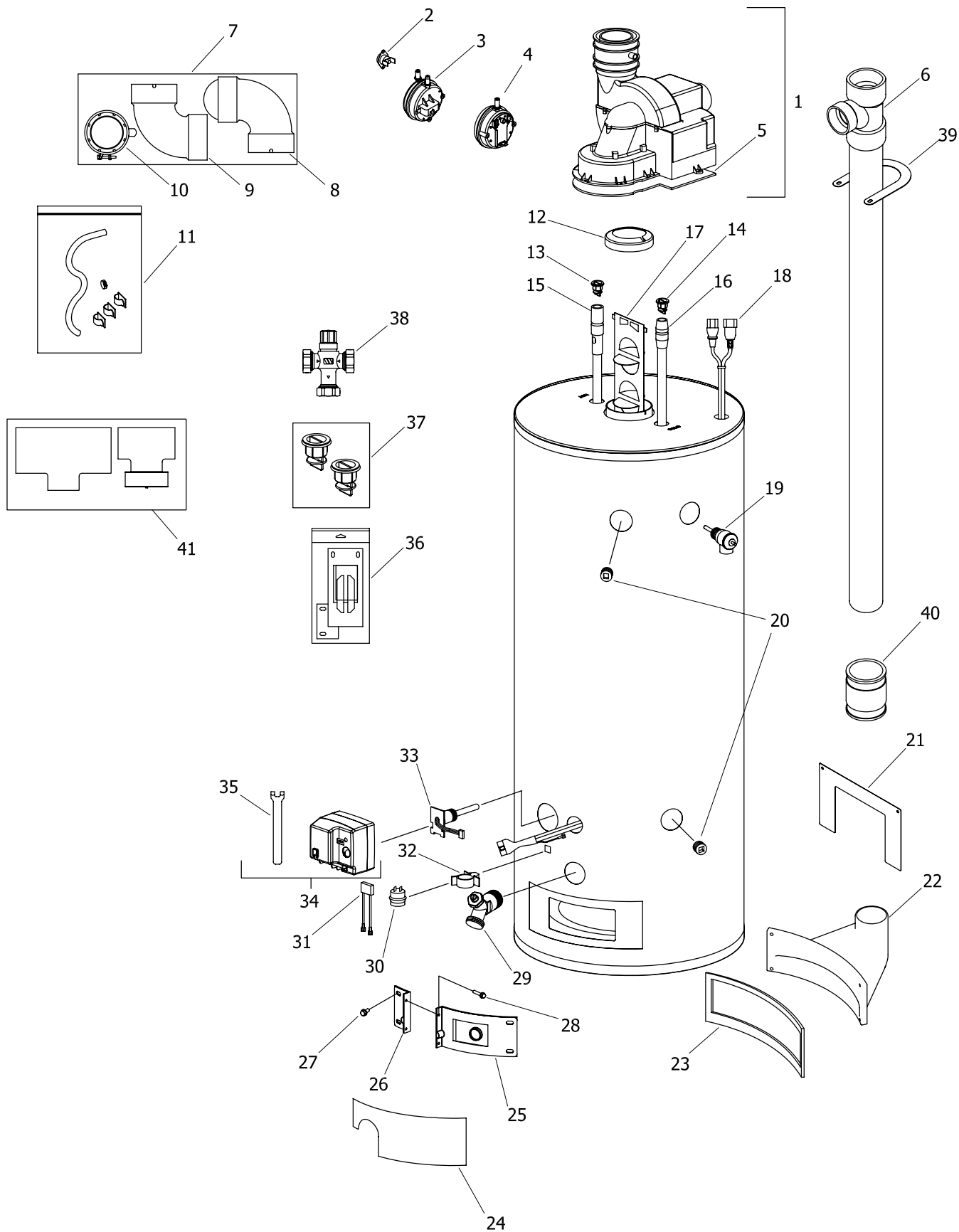
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Item	Description	Model PDX275T*F(BN, SX, CX)	Model PDX50S60F(B*N, S*X, C*X)	Model PDX65S65F(B*N, S*X, C*X)	Model PDX75S70F(B*N, S*X, C*X)
28	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00	239-44195-00
29	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02
30	Flammable Vapor Sensor	239-45560-00	239-45560-00	239-45560-00	239-45560-00
31	Sensor Harness	239-45620-00	239-45620-00	239-45620-00	239-45620-00
32	Flammable Vapor Sensor Clip	239-45648-00	239-45648-00	239-45648-00	239-45648-00
33	Thermal Well †	233-45651-02	233-45651-02	233-45651-01	233-45651-02
	Thermal Well ‡	233-45651-02	233-45651-02	233-45651-02	233-45651-02
34	Gas Valve Natural Gas	239-45613-01	239-45613-02	239-45613-02	239-45613-02
	Gas Valve LP Gas	239-45614-01	239-45614-02	239-45614-02	239-45614-02
35	Gas Valve Service Tool	239-45991-00	239-45991-00	239-45991-00	239-45991-00
36	Inner Door Gasket Kit †	239-44078-00	239-44078-00	239-44078-00	239-44078-00
	Inner Door Gasket Kit ‡	239-47792-00	239-44078-00	239-44078-00	239-47792-00
37	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00	265-45419-00
38	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01	239-43740-01
39	Bracket-Vertical intake ‡	239-47671-01	239-47671-01	239-47671-01	239-47671-01
40	Coupling-2 X 2 ‡	239-47850-00	239-47850-00	239-47850-00	239-47850-00
41	Air Inlet Relief Device	239-48392-00	239-48392-00	239-48392-00	239-48392-00

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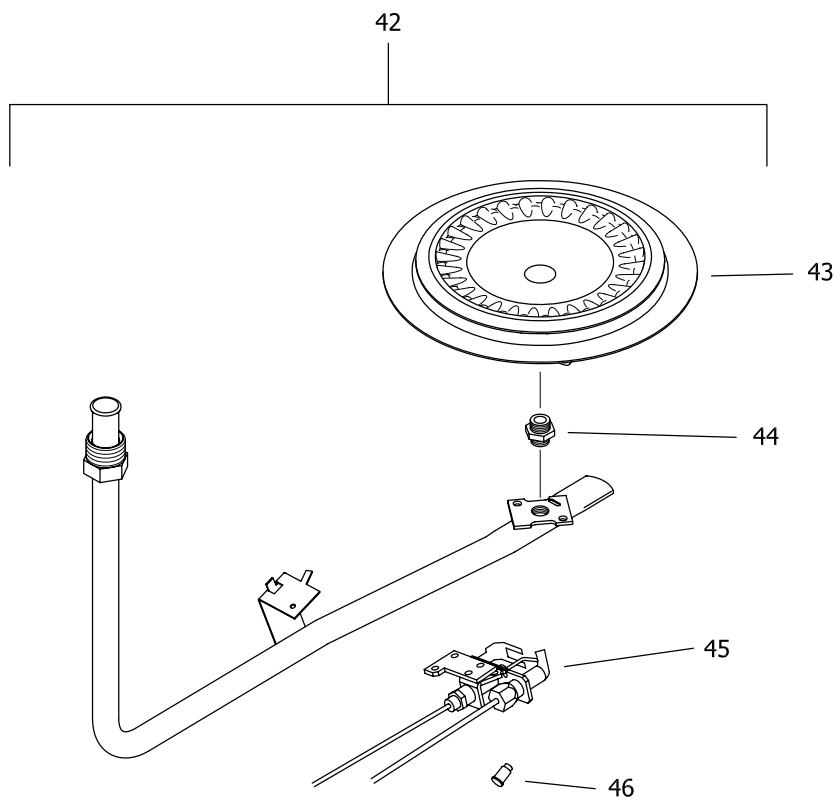
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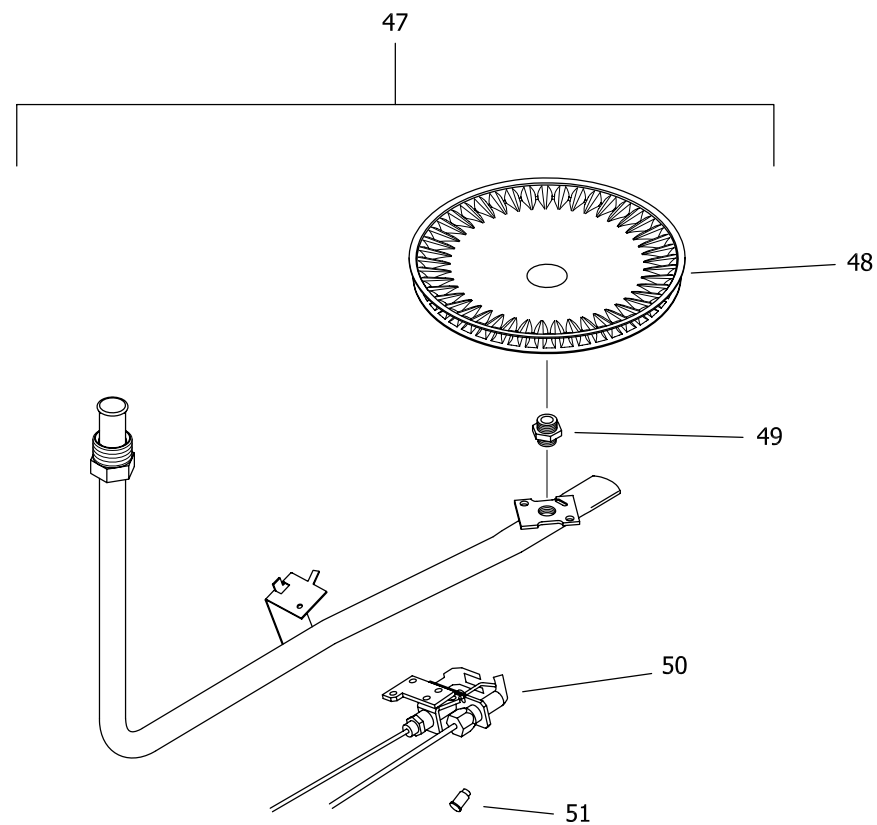
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◆Serial # GF13535157 and after.



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

Item	Description	Model PDX275T*(BN, SX, CX)	Model PDX50S60F*(B*N, S*X, C*X)	Model PDX65S65F*(B*N, S*X, C*X)	Model PDX75S70F*(B*N, S*X, C*X)
	Natural Gas BN Burner Assembly				
42	Nat. Gas Burner Assembly Complete*** †	265-45652-05-25	265-47439-06-28	265-47439-09-27	265-45652-05-25
	Nat. Gas Burner Assembly Complete*** ‡	265-47785-01-25	265-47784-02-28	265-47376-02-27	265-47785-01-25
	Nat. Gas Burner Assembly Complete*** ◆	265-47785-01-25	265-47784-02-28	265-47376-02-27	265-47785-01-25
43	Nat. Gas (BN) Burner**	228-47000-00	228-42506-00	228-42506-00	228-47000-00
44	Nat. Gas (BN) Main Burner Orifice**	234-41034-25	234-41034-28	234-41034-27	234-41034-25
	Nat. Gas (BN) Main Burner Orifice** ◆	234-41034-25	234-41034-28	234-41034-27	234-41034-25
	Nat. Gas (BN) High Altitude 2001 Ft. to 5000 Ft.**	234-41034-27	234-41034-30	234-41034-29	234-41034-27
	Nat. Gas (BN) High Altitude 2001 Ft. to 5000 Ft.** ◆	234-41034-27	234-41034-30	234-41034-29	234-41034-27
	Nat. Gas (BN) High Altitude 5001 Ft. to 8000 Ft.**	234-41034-30	234-41034-31	234-41034-31	234-41034-30
	Nat. Gas (BN) High Altitude Over 8000 Ft.**	234-41034-30	234-41034-31	234-41034-31	234-41034-30
45	Nat. Gas Pilot Assembly**	233-45653-05	233-45653-05	233-45653-05	233-45653-05
46	Nat. Gas Pilot Orifice**	234-45869-01	234-45869-01	234-45869-01	234-45869-01
	LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly		(Replacement for LP Gas (CX) Cast Iron Burner)		
47	LP Gas Burner Assembly Complete*** †	265-47119-04-42	265-47440-10-44	265-47440-16-44	265-47119-04-42
	LP Gas Burner Assembly Complete*** ‡	265-47376-03-42	265-47376-01-44	265-47376-02-44	265-47376-03-42
48	LP Gas (SX) Burner**	228-47000-00	228-47000-00	228-47000-00	228-47000-00
49	LP Gas (SX) Main Burner Orifice**	234-47064-42	234-47064-44	234-47064-44	234-47064-42
	LP Gas (SX) High Altitude 2001 Ft. to 5000 Ft.**	234-47064-44	234-47064-47	234-47064-47	234-47064-44
	LP Gas (SX) High Altitude 5001 Ft. to 8000 Ft.**	234-47064-45	234-47064-48	234-47064-48	234-47064-45
	LP Gas (SX) High Altitude Over 8000 Ft.**	234-47064-47	234-47064-49	234-47064-49	234-47064-47
50	LP Gas (SX) Pilot Assembly**	233-45653-04	233-45653-04	233-45653-04	233-45653-04
51	LP Gas (SX) Pilot Orifice**	234-45869-02	234-45869-02	234-45869-02	234-45869-02
	LP to Natural Gas Conversion Kit (Norm Alt.) †	265-46493-25	265-46493-32	265-46493-33	265-46493-34
	LP to Natural Gas Conversion Kit (High Alt.) †	265-46493-31	265-46493-35	265-46493-36	265-46493-37
	LP to Natural Gas Conversion Kit (Norm Alt.) ‡	265-46493-51	265-46493-52	265-46493-53	265-46493-51
	LP to Natural Gas Conversion Kit (High Alt.) ‡	265-46493-59	265-46493-60	265-46493-61	265-46493-62

*Applies to all warranties

**Inner door gasket kit recommended

***Ordering a complete burner assembly may increase delivery time.

Please order the specific component required for the quickest delivery.

▲ Order with item 13

▲▲ Order with item 14

† Serial # Prior to FF12046598.

‡ Serial # FF12046598 and after.

■ Serial # FF12046598 to GF13535156.

◆ Serial # GF13535157 and after.

NOTES

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[illegible]



For U.S. and Canada field service,
contact your professional installer or
local Bradford White sales representative.

Sales/800-523-2931
Fax/215-641-1670
Parts Fax/215-641-2180

Technical Support/800-334-3393
Fax/269-795-1089

Warranty/800-531-2111
Fax/269-795-1089

International:
Telephone/215-641-9400
Telefax/215-641-9750



Sales/866-690-0961
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Fax/905-238-0105

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