



COMMERCIAL GAS REPLACEMENT PARTS LIST

Power Direct Vent (PDV) S Models



Models Covered:

PDV80S150(E)*(N,X)

PDV80S200(E)*(N,X)

PDV80S250(E)*(N,X)(A)

PDV100S150(E)*(N,X)

PDV100S200(E)*(N,X)

PDV100S250(E)*(N,X)(A)

*Denotes warranty year

Includes Hydrojet®
Total Performance System

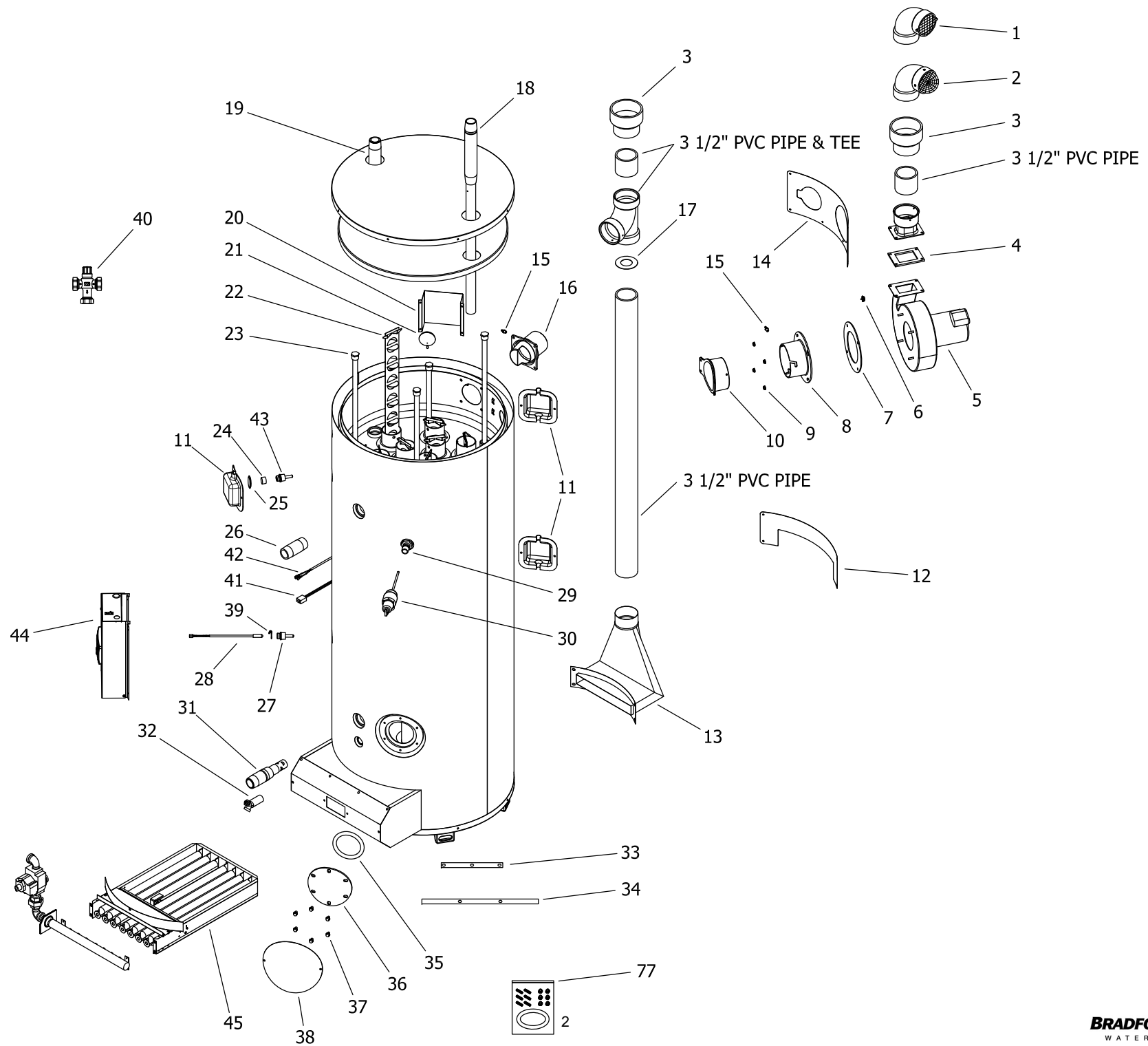
Effective: October, 2024
ECO 8780

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

Dimensions and specifications
subject to change without notice.



As required by the state of California Proposition 65.



Item	Part Description	Model	Model	Model	Model	Model	Model
		PDV80S150(E)*(N,X)	PDV80S200(E)*(N,X)	PDV80S250(E)*(N,X)(A)	PDV100S150(E)*(N,X)	PDV100S200(E)*(N,X)	PDV100S250(E)*(N,X)(A)
1	Vent Elbow	415-40579-00	415-40579-00	239-42580-00	415-40579-00	415-40579-00	239-42580-00
2	Intake Terminal	239-42642-01	239-42642-01	239-42642-02	239-42642-01	239-42642-01	239-42642-02
3	Vent Reducer	---	---	239-42581-00	---	---	239-42581-00
4	Blower Receptacle Gasket	239-42479-00	239-42479-00	239-42479-00	239-42479-00	239-42479-00	239-42479-00
5	Blower	415-42371-00	415-42371-00	415-42371-00	415-42371-00	415-42371-00	415-42371-00
6	Temperature Switch	415-43238-03	415-43238-03	415-43238-03	415-43238-03	415-43238-03	415-43238-03
7	Blower Intake Gasket	239-81161-00	239-81161-00	239-81161-00	239-81161-00	239-81161-00	239-81161-00
8	Blower Mounting Flange	239-41525-00	239-41525-00	239-41525-00	239-41525-00	239-41525-00	239-41525-00
9	Hex Nut 1/4-20	239-43297-00	239-43297-00	239-43297-00	239-43297-00	239-43297-00	239-43297-00
10	Collector to Blower Transition	239-41505-00	239-41505-00	239-41505-00	239-41505-00	239-41505-00	239-41505-00
11	Utility Cover	239-80281-03	239-80281-03	239-80281-03	239-80281-03	239-80281-03	239-80281-03
12	Cover Rear Boot	243-42403-00	243-42403-00	243-42403-00	243-42403-00	243-42403-00	243-42403-00
13	Combustion Box Boot	239-42260-00	239-42260-00	239-42260-00	239-42260-00	239-42260-00	239-42260-00
14	Blower Escutcheon	243-42408-00	243-42408-00	243-42408-00	243-42408-00	243-42408-00	243-42408-00
15	Blower Hose Barb	239-41553-00	239-41553-00	239-41553-00	239-41553-00	239-41553-00	239-41553-00
16	Air Inlet	239-42262-00	239-42262-00	239-42262-00	239-42262-00	239-42262-00	239-42262-00
17	Vent Orifice	243-42297-00	243-42297-00	243-42297-00	243-42297-00	243-42297-00	243-42297-00
18	Cold Water Inlet Dip Tube (Top)	229-46709-04	229-46709-04	229-46709-04	229-46709-04	229-46709-04	229-46709-04
19	Hot Water Outlet Nipple (Top)	229-41573-01	229-41573-01	229-41573-01	229-41573-01	229-41573-01	229-41573-01
20	Cover Pressure Switch	239-41763-00	239-41763-00	239-41763-00	239-41763-00	239-41763-00	239-41763-00
21	Pressure Switch (Off to 2000ft)	415-44063-05	415-44063-04	415-44063-05	415-44063-05	415-44063-04	415-44063-05
	Pressure Switch (Over 2000ft)	415-44063-05	415-44063-04	415-44063-04	415-44063-05	415-44063-04	415-44063-04
22	Flue Baffle (Qty. 9)	243-41455-00	243-41455-00	243-41455-00	243-41455-00	243-41455-00	243-41455-00
23	Anode Hex Head Magnesium#	415-55483-00	415-55483-00	415-55483-00	415-55483-00	415-55483-00	415-55483-00
	Anode Hex Head Aluminum#	415-55485-00	415-55485-00	415-55485-00	224-38508-01	224-38508-01	224-38508-01
	Anode Hex Head Aluminum (A420)#	415- 55487-00	415- 55487-00	415- 55487-00	415- 55487-00	415- 55487-00	415- 55487-00
24	Pipe Plug ¹	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00
25	Hole Closure ¹	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02
26	Hot Water Outlet (side)	229-40913-02	229-40913-02	229-40913-02	229-40913-02	229-40913-02	229-40913-02
27	Lower Thermostat Well	233-46558-01	233-46558-01	233-46558-01	233-46558-01	233-46558-01	233-46558-01
28	Lower Sensor	415-46553-01	415-46553-01	415-46553-01	415-46553-01	415-46553-01	415-46553-01
29	T&P Nipple	229-32762-02	229-32762-02	239-80982-00	229-32762-02	229-32762-02	229-80982-00
30	T&P Valve	415-30246-00	415-30246-00	415-33630-04	415-30246-00	415-30246-00	415-33630-04
31	Cold Water Inlet Nipple (Side)	415-44731-00	415-44731-00	415-44731-00	415-44731-00	415-44731-00	415-44731-00
32	Drain Valve Kit	415-42351-02	415-42351-02	415-42351-02	415-42351-02	415-42351-02	415-42351-02
33	Combustion Box Gasket - Sides	239-42430-00	239-42430-00	239-42430-00	239-42430-00	239-42430-00	239-42430-00
34	Combustion Box Gasket - Top & Bottom	239-41627-00	239-41627-00	239-41627-00	239-41627-00	239-41627-00	239-41627-00
35	Cleanout O-Ring	205-18427-00	205-18427-00	205-18427-00	205-18427-00	205-18427-00	205-18427-00
	Cleanout Gasket (ASME)	---	---	205-32942-00	---	---	205-32942-00
36	Cleanout Cover	205-18428-00	205-18428-00	205-18428-00	205-18428-00	205-18428-00	205-18428-00
	Cleanout Cover (ASME)	---	---	205-32941-00	---	---	205-32941-00
37	Screw 5/16-18 X 1/2 Hex (Qty. 6)	239-82166-00	239-82166-00	239-82166-00	239-82166-00	239-82166-00	239-82166-00
	Screw 5/16-18 X 3/4 Hex (ASME)	---	---	239-32970-00	---	---	239-32970-00
38	Cleanout Jacket Cover	243-20299-00	243-20299-00	243-20299-00	243-20299-00	243-20299-00	243-20299-00
39	Lower Thermostat Sensor Clip	233-45242-00	233-45242-00	233-45242-00	233-45242-00	233-45242-00	233-45242-00
40	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00	239-51778-00	239-51778-00
41	Blower Harness	239-46525-01	239-46525-01	239-46525-01	239-46525-01	239-46525-01	239-46525-01
42	Pressure Switch Harness	239-46624-00	239-46624-00	239-46624-00	239-46624-00	239-46624-00	239-46624-00
43	Upper Thermostat Sensor ²	415-82033-00	415-82033-00	415-82033-00	415-82033-00	415-82033-00	415-82033-00
44	Control Box Assembly	see Page 4	see Page 4	see Page 4	see Page 4	see Page 4	see Page 4
45	Burner Assembly	see Page 6	see Page 6	see Page 6	see Page 6	see Page 6	see Page 6
77	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	415-54256-00	415-54256-00	415-54256-00	415-54256-00

*Applies to all warranties

¹For serial numbers PRIOR to HA14465923.

²For serial numbers including and AFTER HA14465923

Anode may need to be cut to length. See page 9.

Item	Part Description	Model	Model	Model	Model	Model	Model
		PDV80S150(E)*(N,X)	PDV80S200(E)*(N,X)	PDV80S250(E)*(N,X)(A)	PDV100S150(E)*(N,X)	PDV100S200(E)*(N,X)	PDV100S250(E)*(N,X)(A)
46	Control Box Assembly** (Single Sensor) ¹	243-46621-03	243-46621-03	243-46621-03	243-46621-03	243-46621-03	243-46621-03
	Control Box Assembly** (Dual Sensor) ²	243-46621-01	243-46621-01	243-46621-01	243-46621-02	243-46621-02	243-46621-02
47	Control Box Cover Assembly	243-46615-02	243-46615-02	243-46615-02	243-46615-02	243-46615-02	243-46615-02
48	Temperature Control Display (with Harness)	415-46557-00	415-46557-00	415-46557-00	415-46557-00	415-46557-00	415-46557-00
49	Control Box Cover	239-46509-00	239-46509-00	239-46509-00	239-46509-00	239-46509-00	239-46509-00
50	Integrated Control Board (Single Sensor) ¹	233-47261-00	233-47261-00	233-47261-00	233-47261-00	233-47261-00	233-47261-00
	Integrated Control Board (Dual Sensor) ²	233-46627-00	233-46627-00	233-46627-00	233-46627-00	233-46627-00	233-46627-00
51	Control Box Panel	239-46508-00	239-46508-00	239-46508-00	239-46508-00	239-46508-00	239-46508-00
52	Power On/Off Switch	239-49391-00	239-49391-00	239-49391-00	239-49391-00	239-49391-00	239-49391-00
53	Screw 8/32 X 5/16 Pan Head CR w/Adh. (Qty. 2)	239-46522-00	239-46522-00	239-46522-00	239-46522-00	239-46522-00	239-46522-00
54	Screw #8-18 X 1/2 Pan Head CR (Qty. 2)	239-43736-00	239-43736-00	239-43736-00	239-43736-00	239-43736-00	239-43736-00
55	Transformer 110V (with built in leads)	233-50559-00	233-50559-00	233-50559-00	233-50559-00	233-50559-00	233-50559-00
56	Strain Relief Bushing 1/2"	239-44575-00	239-44575-00	239-44575-00	239-44575-00	239-44575-00	239-44575-00
57	Strain Relief Bushing 7/8"	239-80372-00	239-80372-00	239-80372-00	239-80372-00	239-80372-00	239-80372-00
58	Snap-in Bushing 7/8"	239-80406-00	239-80406-00	239-80406-00	239-80406-00	239-80406-00	239-80406-00
59	Power Cord Wiring Harness	239-46533-00	239-46533-00	239-46533-00	239-46533-00	239-46533-00	239-46533-00
60	Display Control Wiring Harness	239-46944-00	239-46944-00	239-46944-00	239-46944-00	239-46944-00	239-46944-00
61	Display Cover Wiring Harness	239-46617-00	239-46617-00	239-46617-00	239-46617-00	239-46617-00	239-46617-00
62	Gas Valve Control Wiring Harness	239-46534-01	239-46534-01	239-46534-01	239-46534-01	239-46534-01	239-46534-01
63	Screw #8-18 X 3/4 Pan Head CR	239-43863-00	239-43863-00	239-43863-00	239-43863-00	239-43863-00	239-43863-00
64	Terminal ES-4	239-80112-00	239-80112-00	239-80112-00	239-80112-00	239-80112-00	239-80112-00
65	Snap-in Plug 7/8"	239-81415-05	239-81415-05	239-81415-05	239-81415-05	239-81415-05	239-81415-05
66	Upper Sensor Harness ²	239-46623-02	239-46623-02	239-46623-02	239-46623-01	239-46623-01	239-46623-01

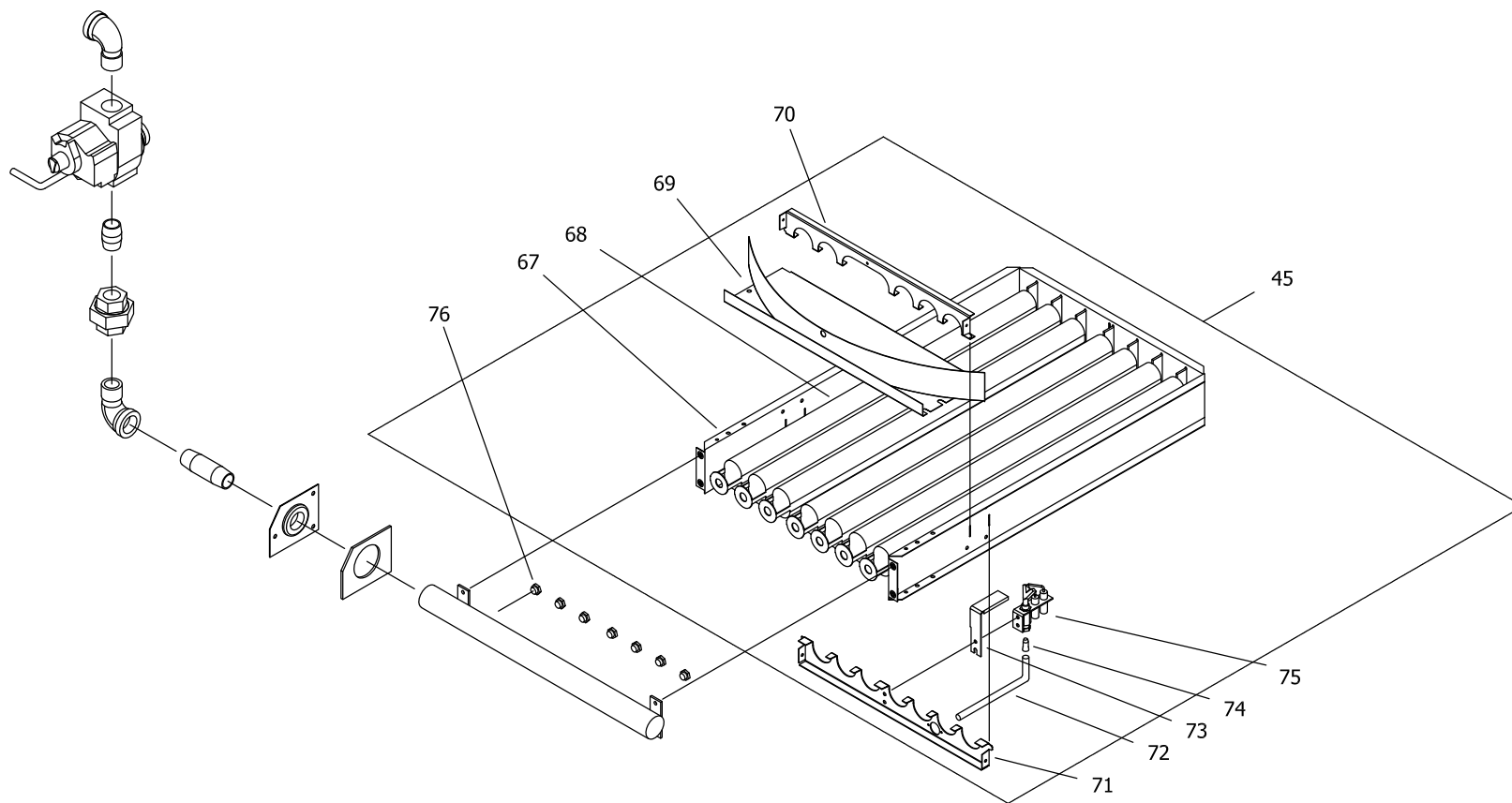
*Applies to all warranties

**Ordering a complete Control Box Assembly may increase delivery time. Please order specific components for quickest delivery.

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²For serial numbers including and AFTER HA14465923

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Item	Part Description	Model	Model	Model	Model	Model	Model
		PDV80S150(E)*(N,X)	PDV80S200(E)*(N,X)	PDV80S250(E)*(N,X)(A)	PDV100S150(E)*(N,X)	PDV100S200(E)*(N,X)	PDV100S250(E)*(N,X)(A)
45	Burner Assembly (Natural Gas) **	243-42437-02	243-42437-02	243-42437-02	243-42437-02	243-42437-02	243-42437-02
	Burner Assembly (Natural Gas) (Lo-NOx) ** ▲	243-42437-01	243-42437-01	243-42437-01	243-42437-01	243-42437-01	243-42437-01
	Burner Assembly (LP Gas) **	243-42437-03	243-42437-03	243-42437-03	243-42437-03	243-42437-03	243-42437-03
67	Burner Rack	239-81969-02	239-81969-02	239-81969-02	239-81969-02	239-81969-02	239-81969-02
68	Burner Tube (STD)	228-39177-00	228-39177-00	228-39177-00	228-39177-00	228-39177-00	228-39177-00
	Burner Tube (Lo-NOx)▲	228-42490-00	228-42490-00	228-42490-00	228-42490-00	228-42490-00	228-42490-00
69	Burner Shroud	239-42407-00	239-42407-00	239-42407-00	239-42407-00	239-42407-00	239-42407-00
70	Burner Draft Panel	239-39420-00	239-39420-00	239-39420-00	239-39420-00	239-39420-00	239-39420-00
71	Burner Support	239-45181-00	239-45181-00	239-45181-00	239-45181-00	239-45181-00	239-45181-00
72	Aluminum Tubing	233-80361-09	233-80361-09	233-80361-09	233-80361-09	233-80361-09	233-80361-09
73	Pilot Shield	239-41333-00	239-41333-00	239-41333-00	239-41333-00	239-41333-00	239-41333-00
74	Pilot Orifice (Natural Gas)	233-41606-01	233-41606-01	233-41606-01	233-41606-01	233-41606-01	233-41606-01
	Pilot Orifice (LP Gas)	233-41606-02	233-41606-02	233-41606-02	233-41606-02	233-41606-02	233-41606-02
75	Pilot Assembly (Natural Gas)	233-42013-01	233-42013-01	233-42013-01	233-42013-01	233-42013-01	233-42013-01
	Pilot Assembly (LP Gas)	233-42013-02	233-42013-02	233-42013-02	233-42013-02	233-42013-02	233-42013-02
76	Main Burner Orifice (Natural Gas) (0ft to 2000ft)	234-06016-81	234-06016-78	234-06016-41	234-06016-81	234-06016-78	234-06016-41
	High Altitude Orifice (Natural Gas) (2001ft to 5000ft)	234-06016-81	234-06016-78	234-06016-43	234-06016-81	234-06016-78	234-06016-43
	High Altitude Orifice (Natural Gas) (5001ft to 8000ft)	234-06016-81	234-06016-81	234-06016-43	234-06016-81	234-06016-81	234-06016-43
	High Altitude Orifice (Natural Gas) (8001ft & above)	234-06016-81	234-06016-81	234-06016-43	234-06016-81	234-06016-81	234-06016-43
	Main Burner Orifice (Nat. Gas Lo-Nox) (0ft to 2000ft)	234-06016-81	234-06016-79	234-06016-43	234-06016-81	234-06016-79	234-06016-43
	High Altitude Orifice (Nat. Gas Lo-Nox) (2001ft to 5000ft)	234-06016-81	234-06016-79	---	234-06016-81	234-06016-79	---
	High Altitude Orifice (Nat. Gas Lo-Nox) (5001ft to 8000ft)	234-06016-81	234-06016-79	234-06016-78	234-06016-81	234-06016-79	234-06016-78
	High Altitude Orifice (Nat. Gas Lo-Nox) (8001ft & above)	234-06016-81	234-06016-79	234-06016-79	234-06016-81	234-06016-79	234-06016-79
	Main Burner Orifice LP Gas) (0ft to 2000ft)	234-06016-55	234-06016-53	234-06016-52	234-06016-55	234-06016-53	234-06016-52
	High Altitude Orifice (LP Gas) (2001ft to 5000ft)	234-06016-55	234-06016-53	234-06016-52	234-06016-55	234-06016-53	234-06016-52
	High Altitude Orifice (LP Gas) (5001ft to 8000ft)	234-06016-55	234-06016-54	234-06016-52	234-06016-55	234-06016-54	234-06016-52
	High Altitude Orifice (LP Gas) (8001ft & above)	234-06016-55	234-06016-54	234-06016-52	234-06016-55	234-06016-54	234-06016-52
-	LP to NAT Conversion Kit	265-46035-01	265-46035-02	265-46035-03	265-46035-01	265-46035-02	265-46035-03

*Applies to all warranties

**Ordering a complete Burner Assembly may increase delivery time. Please order specific components for quickest delivery.

▲Applies when "E" is present in model number (example PDV80S150E3N)

¹For serial numbers PRIOR to HA14465923.

²For serial numbers including and AFTER HA14465923

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United States

Sales	1-800-523-2931
Technical Support	1-800-334-3393
Email	<i>techsupport@bradfordwhite.com</i>
Warranty	1-800-531-2111
Email	<i>warranty@bradfordwhite.com</i>
Service Parts	1-800-538-2020
Email	<i>parts@bradfordwhite.com</i>

Canada

Sales	1-866-690-0961 1-905-203-0600
Fax	905-636-0666
Warranty	1-800-531-2111
Email	<i>warranty@bradfordwhite.com</i>
Technical Support	1-800-334-3393
Email	<i>techsupport@bradfordwhite.com</i>
Service Parts and Orders	<i>ca.orders@bradfordwhite.com</i>

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

International

General Contact	<i>international@bradfordwhite.com</i>
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