



RESIDENTIAL REPLACEMENT PARTS LIST

Super High Efficiency Atmospheric Vent Gas Models



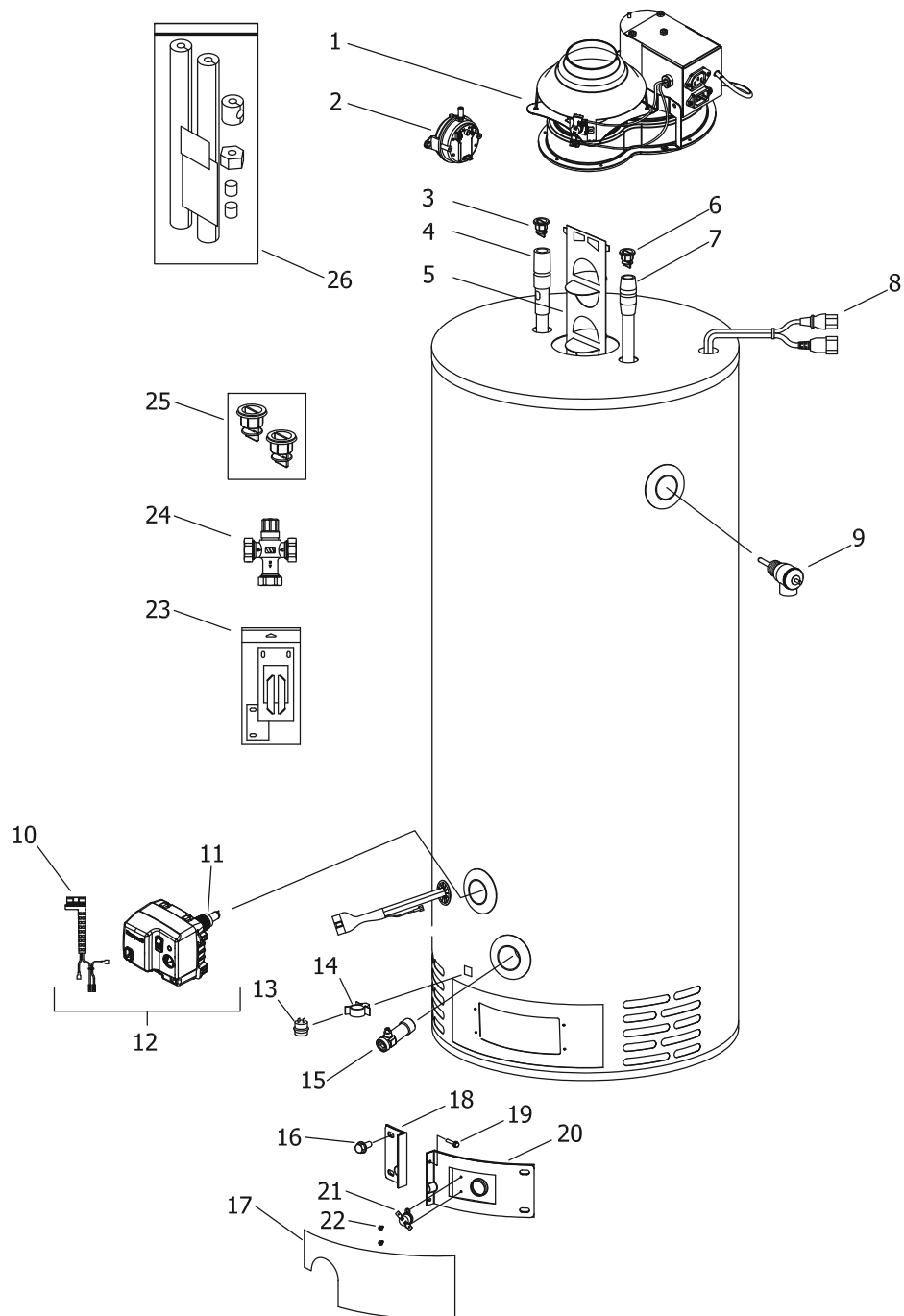
DEFENDER
SAFETY SYSTEM®

Includes Hydrojet®
Total Performance System

Effective: December, 2012
ECO 7683

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

Dimensions and specifications
subject to change without notice.



Item	Description	Model	Model
		HE440S*F(BN,SX)	HE450S*F(BN,SX)
1	Blower Complete	239-48697-00	239-48697-00
	Blower Complete High Altitude	243-50204-00	243-50204-00
2	Pressure Switch	239-48754-01	239-48754-01
	Pressure Switch High Altitude	239-48754-02	239-48754-02
3	Heat Trap Insert (outlet)	239-45167-00	239-45167-00
4	Hot Water Outlet Anode Magnesium ▲	224-47776-09	224-47776-10
	Hot Water Outlet Aluminum ▲ (Optional)	224-47778-09	224-47778-10
	Hot Water Outlet A420 Aluminum ▲ # (Optional)	224-49560-04	224-49560-04
5	Restrictor Baffle	243-49081-00	243-49082-00
6	Heat Trap Insert (inlet)	239-45073-00	239-45073-00
7	Cold Water Inlet Dip Tube Polypropylene ▲ ▲	229-39625-20	229-39625-20
	Cold Water Inlet Polysulfone (NC Code) ▲ ▲	229-39628-20	229-39628-20
8	Wire Harness	239-45617-01	239-45617-02
9	T&P Relief Valve	230-40594-02	230-40594-02
10	Gas Valve Wire Harness	239-50066-00	239-50066-00
11	Gas Valve	222-48795-02	222-48795-02
12	Gas Valve Assy Kit	239-48795-02	239-48795-02
13	Flammable Vapor Sensor	239-45560-00	239-45560-00
14	Flammable Vapor Sensor Clip	239-45648-00	239-45648-00
15	Brass Drain Valve	265-42351-02	265-42351-02
16	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00
17	Outer Door	243-43962-00	243-43962-00
18	Left Side Inner Door Complete**	239-43968-18	239-43968-20
19	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00
20	Right Side Inner Door Complete**	239-43963-06	239-43963-09
21	Resettable Thermal Switch	239-43676-01	239-43676-01
22	Screw-#6-20 x 3/8 PHCR	239-43967-00	239-43967-00
23	Inner Door Gasket Kit	239-44078-00	239-44078-00
24	ASSE Approved Mixing Valve (optional)	239-43740-01	239-43740-01
25	Kit-Heat Trap Insert	265-45419-00	265-45419-00
26	Insulation Kit	239-48949-00	239-48949-00
	LP to Natural Gas Conversion Kit (Norm Alt.)	265-46493-89	265-46493-90
	LP to Natural Gas Conversion Kit (High Alt.)	265-46493-91	265-46493-92

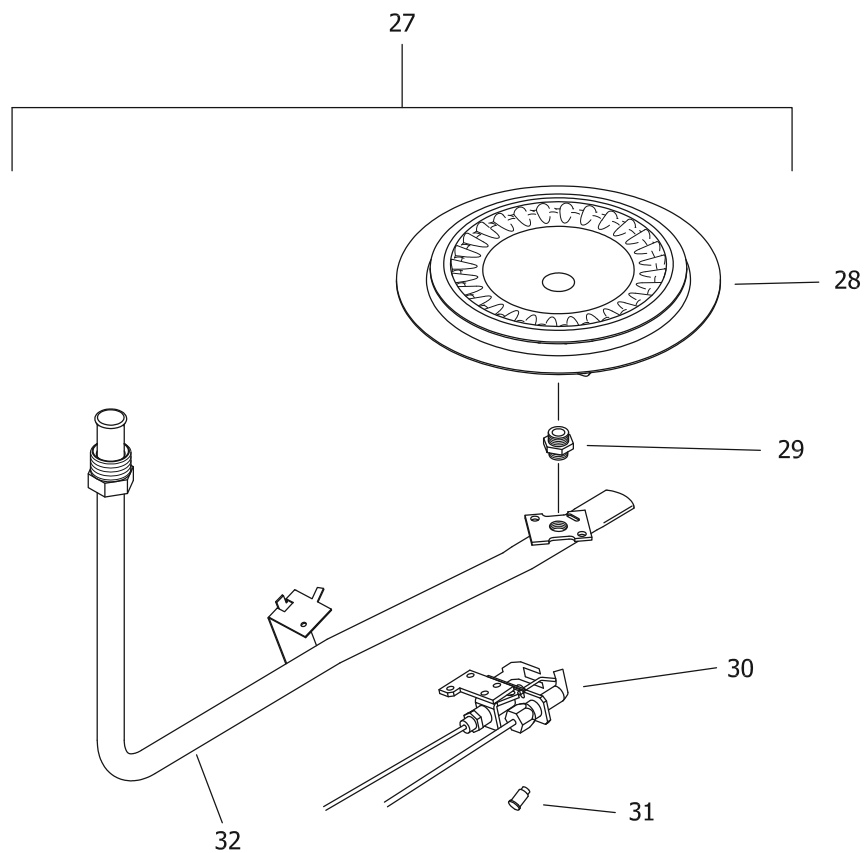
*Applies to all warranties

**Inner door gasket kit recommended

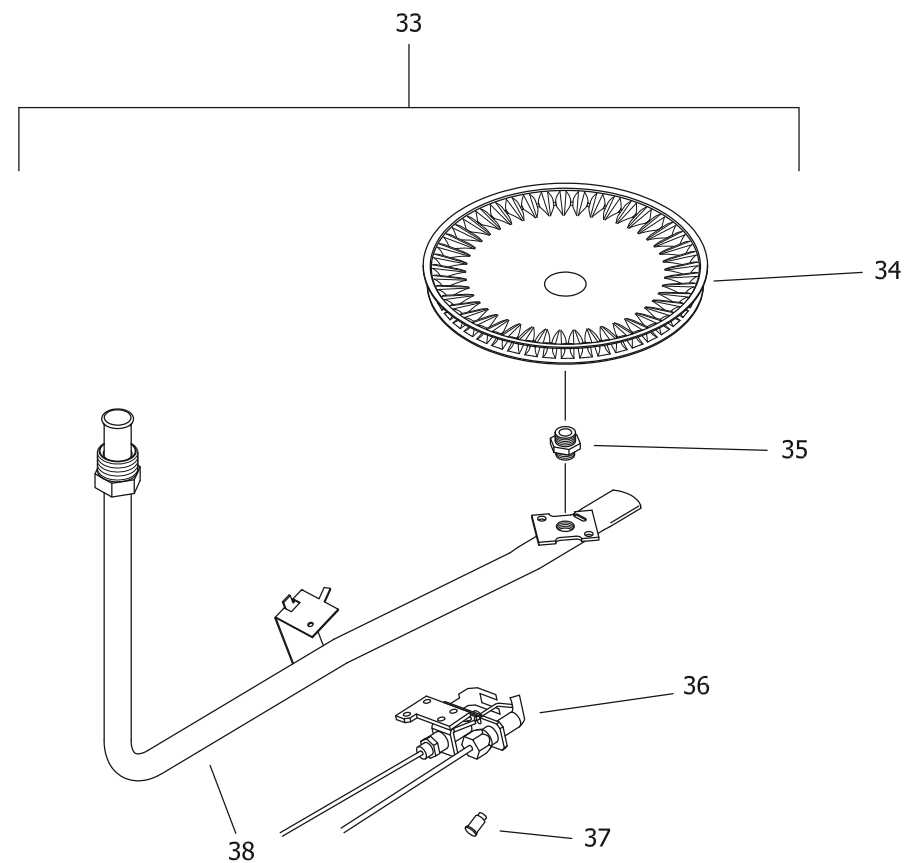
A420 Anode may need to be cut to length

▲ Order with item 3

▲ ▲ Order with item 6



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY

Item	Description	Model	Model
		HE440S*(BN,SX)	HE450S*(BN,SX)
	Natural Gas (BN) Burner Assembly		
27	Nat Gas Burner Assembly Complete***	265-45652-02-33	265-45652-04-33
28	Nat. Gas (BN) Burner**	228-42506-00	228-42506-00
29	Nat. Gas (BN) Main Burner Orifice**	234-41034-33	234-41034-33
	Nat. Gas (BN) High Altitude 2001 Ft. to 5000 Ft.**	234-41034-36	234-41034-36
	Nat. Gas (BN) High Altitude 5001 Ft. to 8000 Ft.**	234-41034-36	234-41034-36
30	Nat. Gas Pilot Assembly**	233-45653-05	233-45653-05
31	Nat. Gas Pilot Orifice**	234-45869-01	234-45869-01
32	Nat. Gas Feedline**	233-45615-02	233-45615-04
	LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly		
33	LP Gas Burner Assembly Complete***	265-47316-02-50	265-47316-03-50
34	LP Gas (SX) Burner**	228-46964-00	228-46964-00
35	LP Gas (SX) Main Burner Orifice**	234-47064-50	234-47064-50
	LP Gas (SX) High Altitude 2001 Ft. to 5000 Ft.**	234-47064-51	234-47064-51
	LP Gas (SX) High Altitude 5001 Ft. to 8000 Ft.**	234-47064-52	234-47064-52
36	LP Gas Pilot Assembly**	233-45653-05	233-45653-05
37	LP Gas Pilot Orifice**	234-45869-02	234-45869-02
38	LP Gas Feedline**	233-47109-02	243-47316-03

**Inner door gasket kit recommended

***Ordering a complete burner assembly may increase delivery time. Please order the specific component required for the quickest delivery.



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
905-238-0100

Fax/905-238-0105

Technical Support/800-334-3393

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