



RESIDENTIAL GAS REPLACEMENT PARTS LIST

Combi2® Water Heaters

“CDW2” Models



DEFENDER
SAFETY SYSTEM®

Includes Hydrojet®
Total Performance System

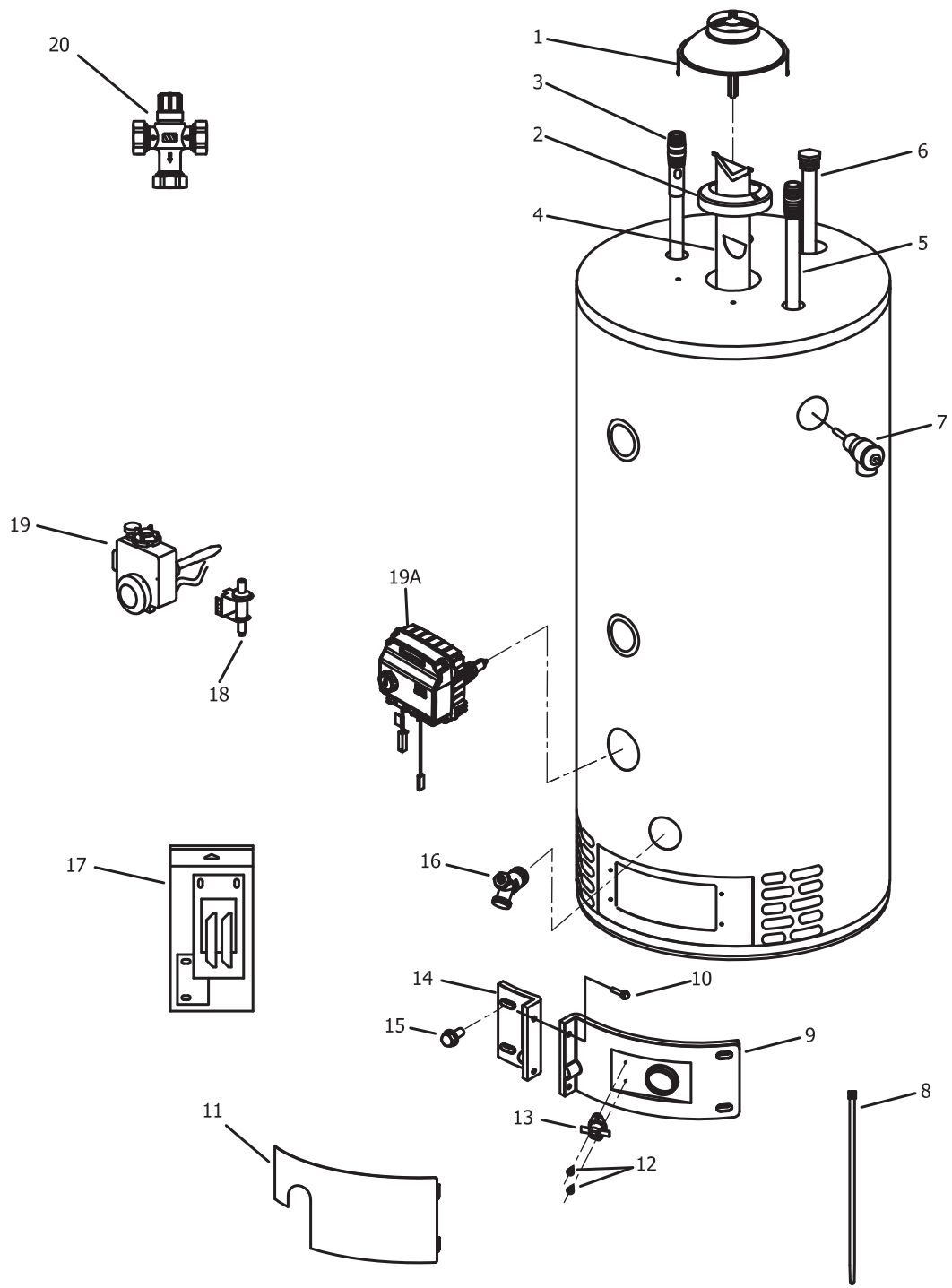
Effective: October, 2018
ECO 8188

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

Dimensions and specifications
subject to change without notice.



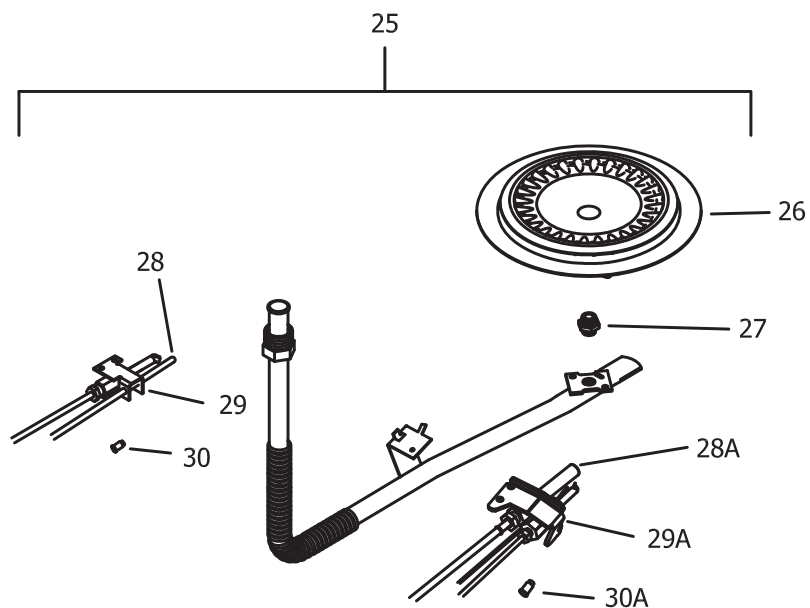
As required by the state of California Proposition 65.



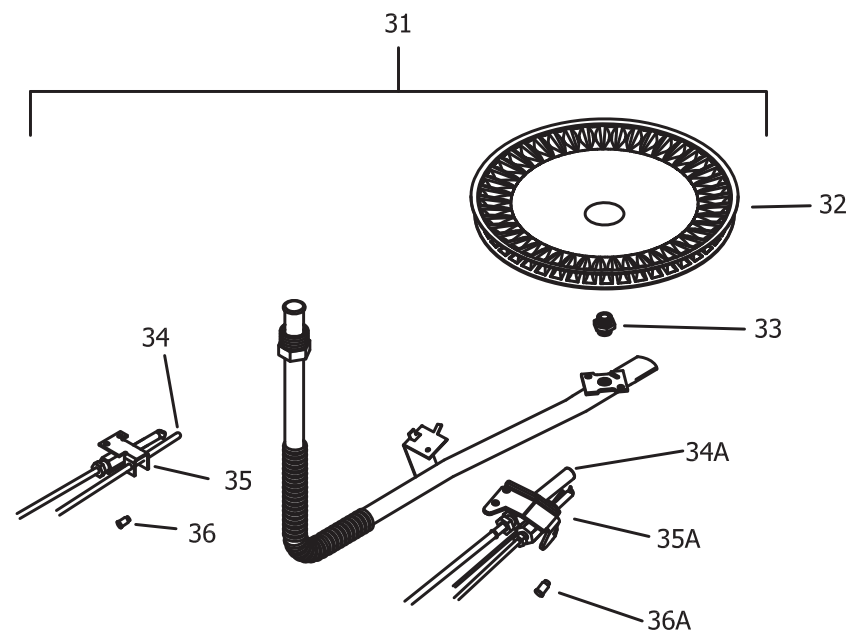
Item	Description	Model
		C(D,S)W2504T10F(BN,CX,SX)
1	Draft Hood	239-33081-02-20-15
2	Flue Reducer	239-36920-00-16
3	Hot Water Outlet Anode Aluminum #	224-32999-13
	A420 (Aluminum Anode)#	224-49560-05
4	Flue Baffle	243-41037-00
5	Cold Water Inlet Dip Tube PEX	229-51230-16
6	Plug Type Anode Aluminum #	224-38508-01
7	T&P Relief Valve	230-40594-02
8	Wire Tie	239-44328-00
9	Right Side Inner Door Complete ♦	239-43963-07
10	Screw-#8-18 x 3/4 HWH	239-44195-00
11	Outer Door	243-43962-00
12	Screw-#6-20 x 3/8 PHCR	239-43967-00
13	Resettable Thermal Switch	239-43676-02
14	Left Side Inner Door Complete	239-43968-18
15	Screw-#10-12 x 3/4 HWH	239-44113-00
16	Brass Drain Valve	265-42351-02
17	Inner Door Gasket Kit	239-44078-00
18	Piezo Igniter w/ Bracket	239-43450-00
19	White Rodgers Combination Gas Valve Natural Gas	265-46367-02
	White Rodgers Combination Gas Valve LP Gas	265-46368-03
19A	Honeywell Combination Gas Valve Natural Gas	415-52908-02
	Honeywell Combination Gas Valve LP Gas	415-52910-02
20	ASSE Approved Mixing Valve (Optional)	239-51778-00

♦ Includes item 13.

Anode may need to be cut to length



NATURAL GAS (BN) BURNER ASSEMBLY



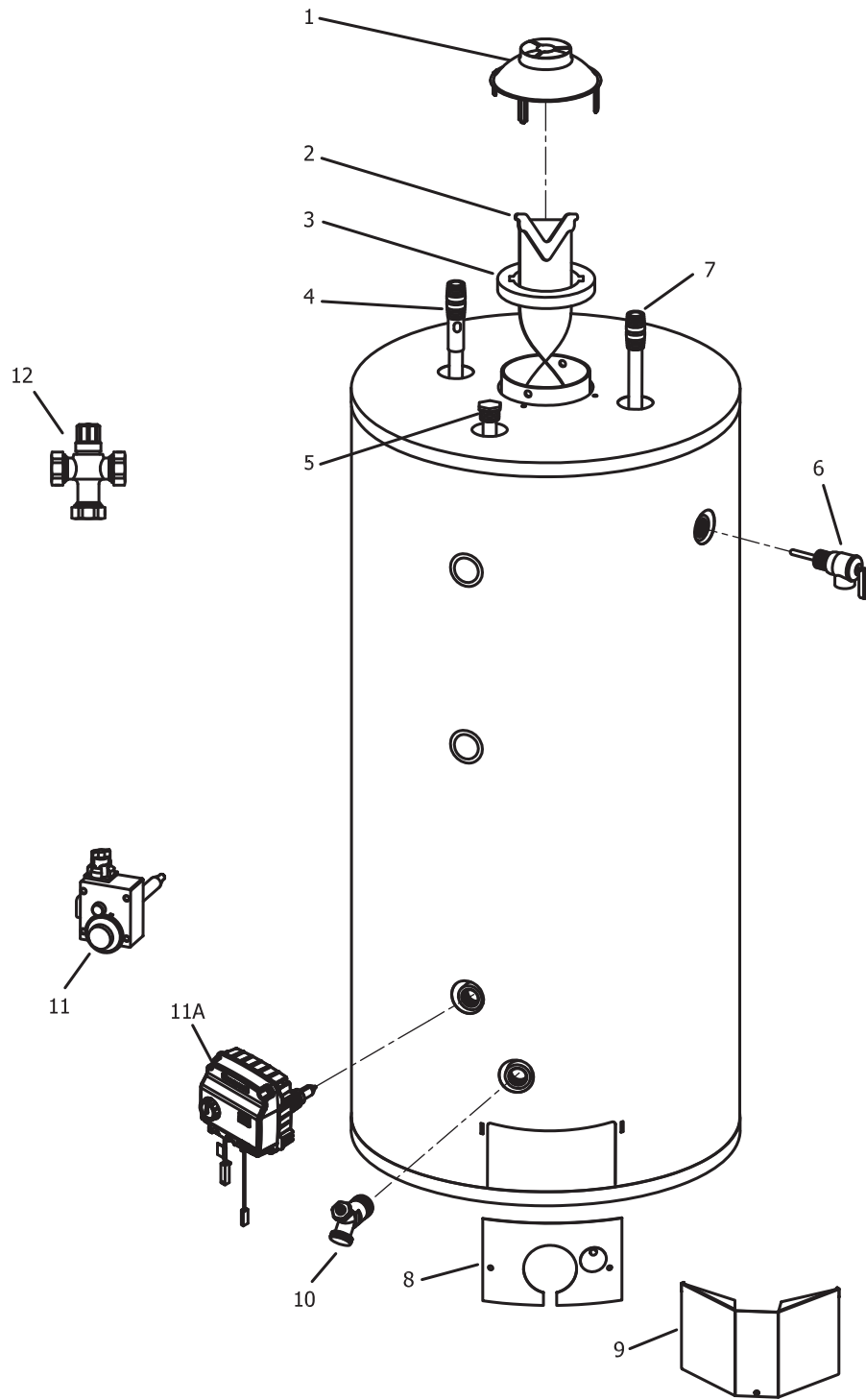
LP GAS (SX) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY
ON ALL MODELS EXCEPT 75 & 100 GAL. MODELS

Item	Description	Model
	Natural Gas BN Burner Assembly	C(D,S)W2504T10F(BN,CX,SX)
25	Nat. Gas Burner Assembly Complete**	265-47439-07-27
26	Nat. Gas BN Burner*	228-42506-00
27	Nat. Gas Main Burner Orifice*	234-41034-27
	Nat. Gas High Altitude 2000 Ft. to 5000 Ft.*	234-41034-29
	Nat. Gas High Altitude 5000 Ft. to 8000 Ft.*	234-41034-30
	Nat. Gas High Altitude Over 8000 Ft.*	234-41034-31
28	Thermocouple* (White Rodgers)	233-46501-15
28A	Kit-Thermopile* (Honeywell)	265-47446-00
29	Nat. Gas Pilot Assembly* (White Rodgers)	233-40248-05
29A	Nat. Gas Pilot Assembly* (Honeywell)	233-47846-05
30	Nat. Gas Pilot Orifice* (White Rodgers)	234-46502-05
30A	Nat. Gas Pilot Orifice* (Honeywell)	234-47098-01
	LP Gas SX Burner Assembly Replacement for LP Gas CX Cast Iron Burner	
31	LP Gas Burner Assembly Complete**	265-47440-12-43
32	LP Gas SX Burner*	228-47000-00
33	LP Gas Main Burner Orifice*	234-47064-43
	LP Gas High Altitude 2000 Ft. to 5000 Ft.*	234-47064-44
	LP Gas High Altitude 5000 Ft. to 8000 Ft.*	234-47064-47
	LP Gas High Altitude Over 8000 Ft.*	234-47064-48
34	Thermocouple*	233-46501-24
34A	Kit-Thermopile* (Honeywell)	265-47446-00
35	LP Gas Pilot Assembly* (White Rodgers)	233-40261-03
35A	LP Gas Pilot Assembly* (Honeywell)	233-47845-05
36	LP Gas Pilot Orifice*	234-46502-05
36A	LP Gas Pilot Orifice* (Honeywell)	234-47098-02
	LP to Natural Gas Conversion Kit (Norm Alt.)*	265-45712-25
	LP to Natural Gas Conversion Kit (High Alt.)*	265-45712-26

* Inner door gasket kit recommended.

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

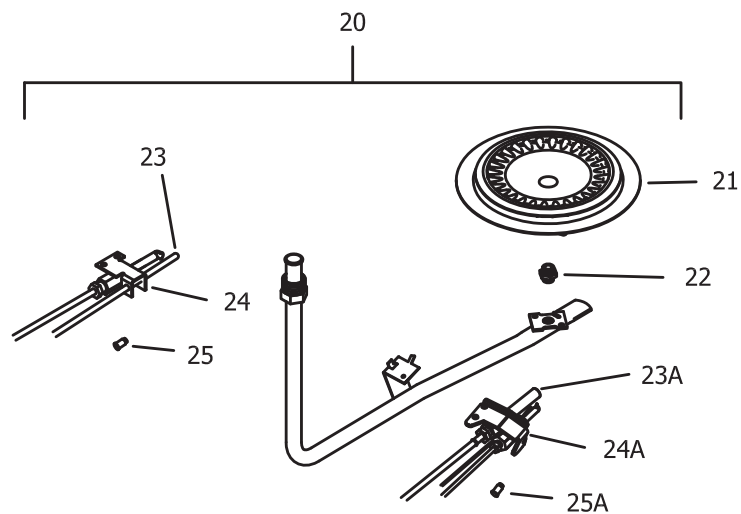


Item	Description	Model
		C(D,S)W275T10(BN,CX,SX)
1	Draft Hood	239-12950-00
2	Flue Baffle w/ Flue reducer	243-47379-00
3	Flue Reducer	243-36920-00
4	Hot Water Outlet Anode Aluminum #	224-32999-13
5	Plug Type Anode Aluminum #	224-38508-01
	Plug Type Anode (A420)#	224-49559-04
6	T&P Valve	230-40594-02
7	Cold Water Inlet Dip Tube (Polysulfane)	229-45092-01
8	Inner Door	243-39207-00
9	Outer Door	243-37177-00
10	Brass Drain Valve	265-42351-02
11	White Rodgers Combination Gas Valve Natural Gas	265-46365-02 [°]
	White Rodgers Combination Gas Valve LP Gas	265-46366-02 [°]
11A	ICON Natural Gas Control	415-52908-02 ¹
	ICON LP Gas Control	415-52910-02 ¹
12	ASSE Approved Mixing Valve (Optional)	239-51778-00

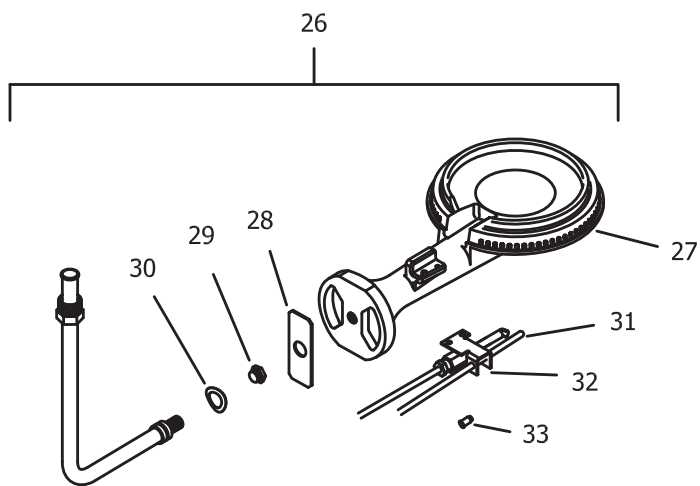
[°] Serial # prior to EF10694503.

¹ Serial # EF10694594 and after.

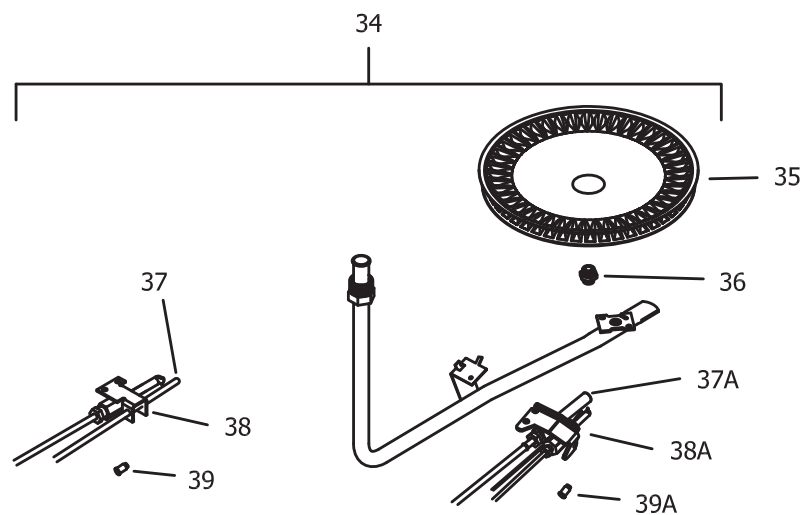
Anode may need to be cut to length



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (CX) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY
ON ALL MODELS EXCEPT 75 & 100 GAL. MODELS

	Natural Gas BN Burner Assembly	C(D,S)W275T10(BN,CX,SX)
20	Nat. Gas Burner Assembly Complete**	265-46998-01-22 ¹
	Nat. Gas Burner Assembly Complete**	265-48110-05-22 ^o
21	Nat. Gas BN Burner	228-42506-00
22	Nat. Gas Main Burner Orifice	234-41034-22
	Nat. Gas High Altitude 2000 Ft. to 5000 Ft.	234-41034-26
	Nat. Gas High Altitude 5000 Ft. to 8000 Ft.	234-41034-28
	Nat. Gas High Altitude Over 8000 Ft.	234-41034-29
23	Thermocouple (White Rodgers)	233-46501-24 ^o
23A	Kit-Thermopile (Honeywell)	265-47446-00 ¹
24	Nat. Gas Pilot (White Rodgers)	233-46277-06 ^o
24A	Kit-Nat. Gas Pilot Assembly (Honeywell)	239-47492-01 ¹
25	Nat. Gas Pilot Orifice (White Rodgers)	234-46502-05 ^o
25A	Nat. Gas Pilot Orifice (Honeywell)	234-47098-01 ¹
	LP Gas CX Burner Assembly	
26	LP Gas Burner Assembly Complete**	265-41876-24-38
27	LP Gas Cast Iron Burner	228-14173-00
28	Air Shutter	239-35466-00
29	LP Gas Main Burner Orifice	234-35928-38
	LP Gas High Altitude 2000 Ft. to 5000 Ft.	234-35928-41
	LP Gas High Altitude 5000 Ft. to 8000 Ft.	234-35928-43
	LP Gas High Altitude Over 8000 Ft.	234-35928-44
30	Air Shutter Nut	239-18197-00
31	Thermocouple (White Rodgers)	233-46501-24 ^o
32	LP Gas Pilot Assembly (White Rodgers)	233-40261-03 ^o
33	LP Gas Pilot Orifice (White Rodgers)	234-46502-02 ^o
	LP Gas SX Burner Assembly	
34	LP Gas SX Burner Assembly Complete**	265-47011-02-38
35	LP Gas SX Burner	228-46938-00
36	LP Gas Main Burner Orifice	234-47064-38
	LP Gas High Altitude 2000 Ft. to 5000 Ft.	234-47064-41
	LP Gas High Altitude 5000 Ft. to 8000 Ft.	234-47064-43
	LP Gas High Altitude Over 8000 Ft.	234-47064-44
37	Thermocouple (White Rodgers)	233-46501-24 ^o
37A	Kit-Thermopile (Honeywell)	265-47446-00 ¹
38	LP Gas Pilot (White Rodgers)	233-46278-03
38A	Kit-LP Gas Pilot Assembly (Honeywell)	239-47492-02 ¹
39	LP Gas Pilot Orifice (White Rodgers)	234-46502-02 ^o
39A	LP Gas Pilot Orifice(Honeywell)	234-47098-02 ¹
	LP to Natural Gas Conversion Kit (Norm Alt.)	265-45754-07
	LP to Natural Gas Conversion Kit (High Alt.)	265-45754-08

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

^o Serial # prior to EF10694503.

¹ Serial # EF10694504 and after.

NOTES

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

Sales/800-523-2931

Technical Support/800-334-3393
Email/techserv@bradfordwhite.com

Warranty/800-531-2111
Email/warranty@bradfordwhite.com

Service Parts/800-538-2020
Email/Parts@bradfordwhite.com

International:
international@bradfordwhite.com



Halton Hills, Ontario, Canada

Sales & Technical Support/866-690-0961
905-203-0600

Fax/905-636-0666

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