



RESIDENTIAL REPLACEMENT PARTS LIST

Residential Gas Atmospheric Vent Damper “RG(1,2)D” Models



Models Covered:

RG1D30T*(N,X)

RG1D40S*(N,X)

RG1D40T*(N,X)

RG1D50T*(N,X)

RG2D40S*(N,X)

RG2D50S*(N,X)

(*) Denotes Warranty Years

DEFENDER
SAFETY SYSTEM®

Includes Hydrojet®
Total Performance System

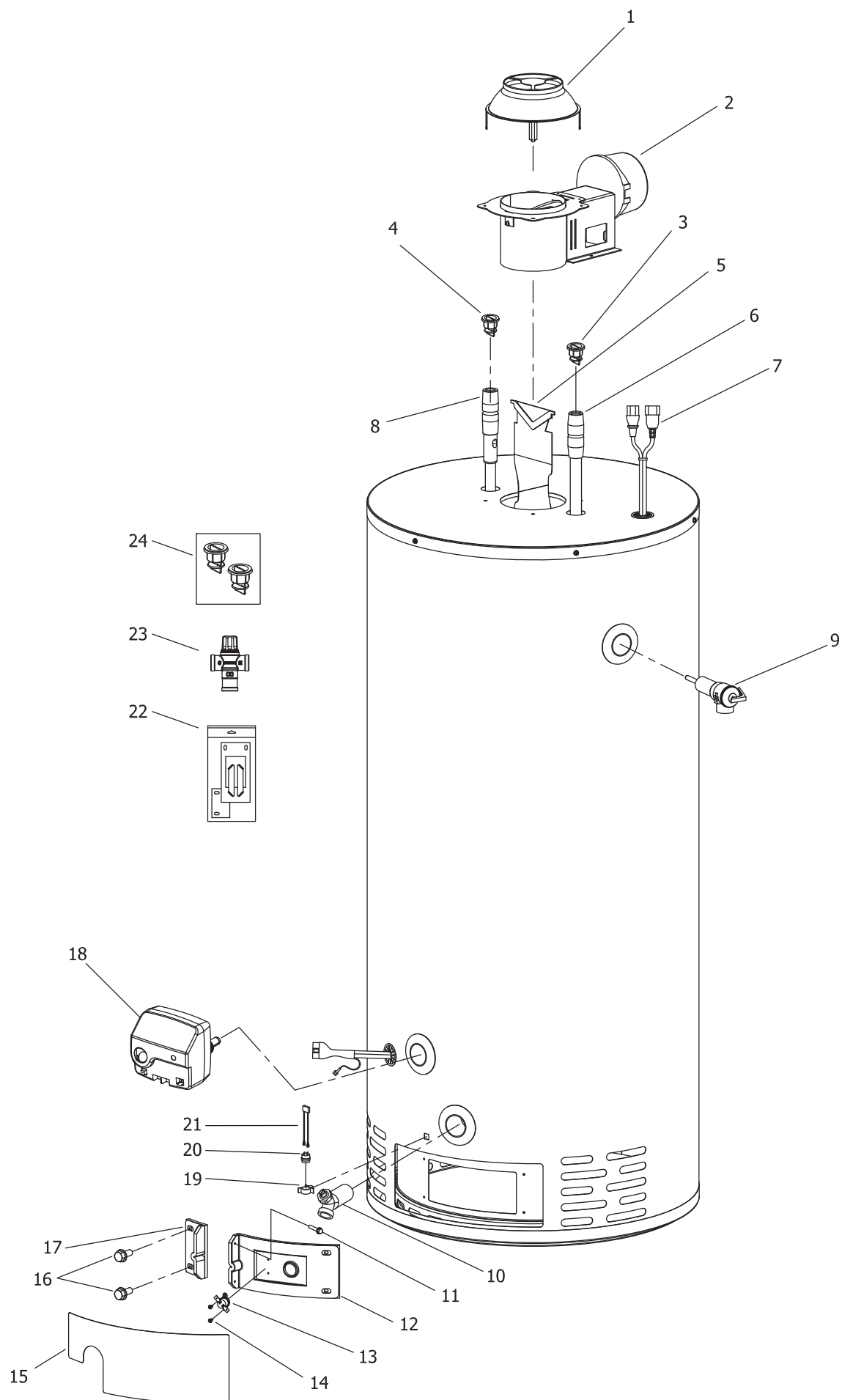
Effective: August, 2020
ECO 8255

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.

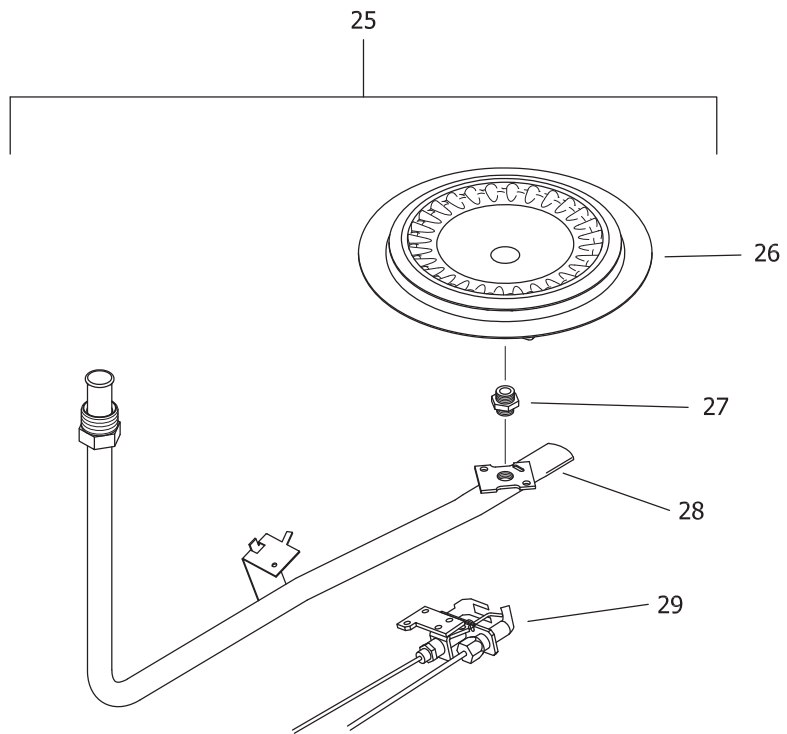


Item	Description	Model	Model	Model	Model
		RG1D30T*(N,X)	RG1D40S*(N,X)	RG1D40T*(N,X)	RG1D50T*(N,X)
1	Draft Hood	243-45787-00	243-45787-00	243-45787-00	243-45787-00
2	Flue Damper	265-50659-00	265-50660-00	265-50659-00	265-50659-00
3	Heat Trap Insert (Inlet)	239-51556-00	239-51556-00	239-51556-00	239-51556-00
4	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00
5	Flue Baffle	243-44639-00	243-51285-00	239-50065-03	243-44705-00
6	Cold Water Inlet Dip Tube (PEX) ▲▲	229-51230-19	229-51230-24	229-51230-21	229-51230-18
7	Safety Circuit Wire Harness	239-45617-02	239-45617-03	239-45617-02	239-45617-02
8	Hot Water Outlet Anode (Magnesium) ▲#	224-47776-19	224-47776-19	224-47776-19	224-47776-19
	Hot Water Outlet (Aluminum) ▲#	224-32999-42	224-32999-42	224-32999-42	224-32999-42
	Hot Water Outlet (A420 Aluminum) ▲#	224-49560-08	224-49560-08	224-49560-08	224-49560-08
9	T&P Relief Valve	230-40594-02	230-40594-02	230-40594-02	230-40594-02
10	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02
11	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00	239-44195-00
12	Nat. Gas Right Side Inner Door Complete	239-43963-02	239-43963-07	239-43963-05	239-43963-07
	LP Gas Right Side Inner Door Complete	239-43963-02	239-43963-07	239-43963-05	239-43963-07
13	Nat. Gas Resettable Thermal Switch	415-43676-03	415-43676-02	415-43676-03	415-43676-02
	LP Gas Resettable Thermal Switch	415-43676-03	415-43676-02	415-43676-03	415-43676-02
14	Screw-#6-20 X 3/8	239-43967-00	239-43967-00	239-43967-00	239-43967-00
15	Outer Door	243-43962-00	243-43962-00	243-43962-00	243-43962-00
16	Screw-#10-12 x 3/4 HWH	239-52581-00	239-52581-00	239-52581-00	239-52581-00
17	Left Side Inner Door Complete	239-43968-14	239-43968-18	239-43968-16	239-43968-18
18	Gas Valve (Natural Gas)	239-48795-01	239-48795-01	239-48795-01	239-48795-01
	Gas Valve (LP Gas)	239-48796-01	239-48796-01	239-48796-01	239-48796-01
19	Flammable Vapor Sensor Clip	239-45648-00	239-45648-00	239-45648-00	239-45648-00
20	Flammable Vapor Sensor	415-45560-00	415-45560-00	415-45560-00	415-45560-00
21	Flammable Vapor Sensor Harness	243-50192-00	243-50192-00	243-50192-00	243-50192-00
22	Inner Door Gasket Kit	239-44078-00	239-44078-00	239-44078-00	239-44078-00
23	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00	239-51778-00	239-51778-00
24	Heat Trap Insert kit (Inlet & Outlet)	265-51572-00	265-51572-00	265-51572-00	265-51572-00

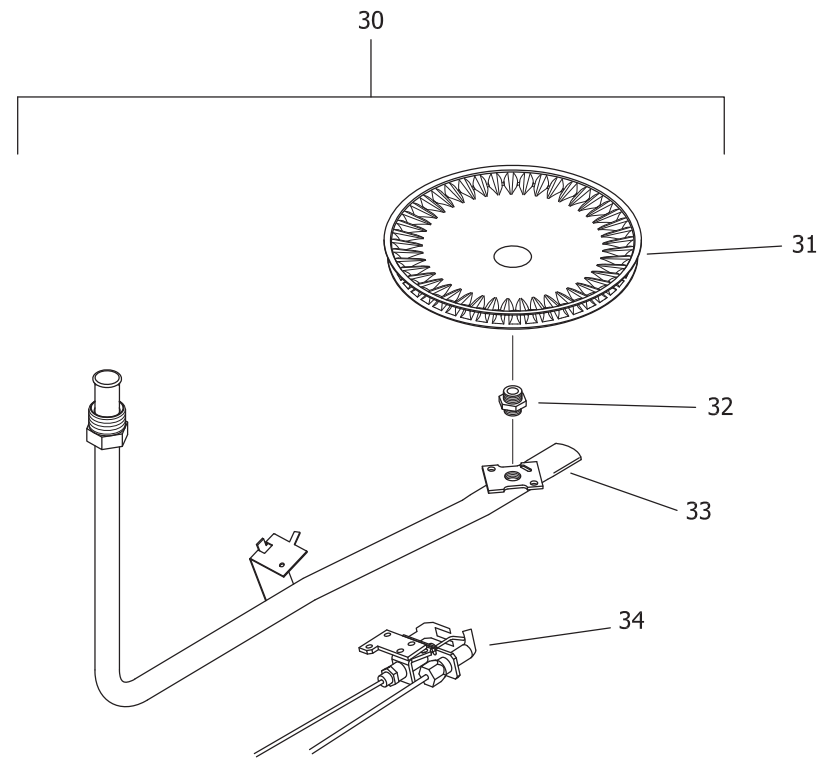
▲ Order with item 4.

▲▲ Order with item 3.

Anodes may need to be cut to length.



NATURAL GAS (BN) BURNER ASSEMBLY



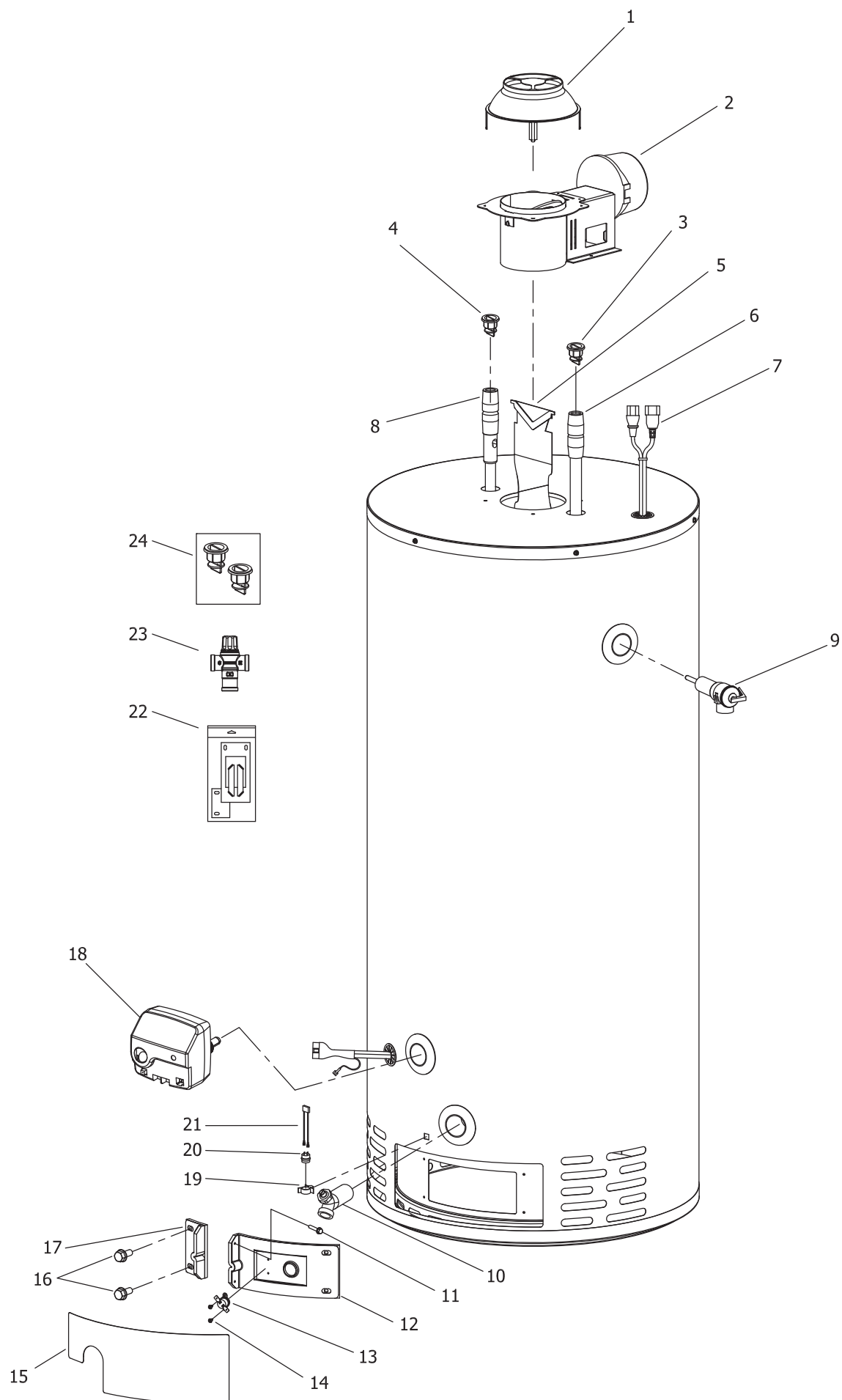
LP GAS (SX) BURNER ASSEMBLY

Item	Description	Model RG1D30T*(N,X)	Model RG1D40S*(N,X)	Model RG1D40T*(N,X)	Model RG1D50T*(N,X)
Natural Gas (BN) Burner Assembly					
25	Nat Gas Burner Assembly Complete***	265-47439-17-36	265-47439-06-32	265-47439-18-32	265-47439-06-32
26	Nat. Gas (N) Burner**	228-42506-00	228-42506-00	228-42506-00	228-42506-00
27	Nat. Gas (N) Main Burner Orifice 0Ft. to 2,000Ft. **	234-41034-36	234-41034-32	234-41034-32	234-41034-32
	Nat. Gas (N) High Altitude Orifice 2,001Ft. to 7,000Ft. (-475 model suffixes)**	234-41034-41	234-41034-36	234-41034-36	234-41034-36
	Nat. Gas (N) High Altitude Orifice Kit 7,001Ft. to 10,000Ft.	265-51311-02-43	265-51311-02-40	265-51311-02-40	265-51311-02-40
28	Feedline (N)	233-45615-07	233-45615-01	233-45615-06	233-45615-01
29	Nat. Gas Pilot Assembly**	233-45653-05	233-45653-05	233-45653-05	233-45653-05
LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly					
30	LP Gas Burner Assembly Complete***	265-47440-26-60	265-47440-09-50	265-47440-27-52	265-47440-09-51
31	LP Gas (X) Burner**	228-46964-00	228-46964-00	228-46964-00	228-46964-00
32	LP Gas (X) Main Burner Orifice 0Ft. to 2,000Ft. **	234-47064-60	234-47064-50	234-47064-52	234-47064-51
	LP Gas (X) High Altitude Orifice 2,001Ft. to 7,000Ft. (-475 model suffixes)**	234-47064-54	234-47064-52	234-47064-53	234-47064-52
	LP Gas (X) High Altitude Orifice Kit 7,001Ft. to 10,000Ft.	265-51367-02-54	265-51367-02-53	265-51367-02-54	265-51367-02-54
33	Feedline (X)	233-47109-06	233-47109-01	233-47109-05	233-47109-01
34	LP Gas Pilot Assembly**	233-45653-04	233-45653-04	233-45653-04	233-45653-04
	LP to Nat. Gas Conversion Kit	265-46493-117	265-46493-02	265-46493-119	265-46493-02
	LP to Nat. Gas High Altitude Conversion Kit	265-46493-118	265-46493-96	265-46493-120	265-46493-96

* 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.

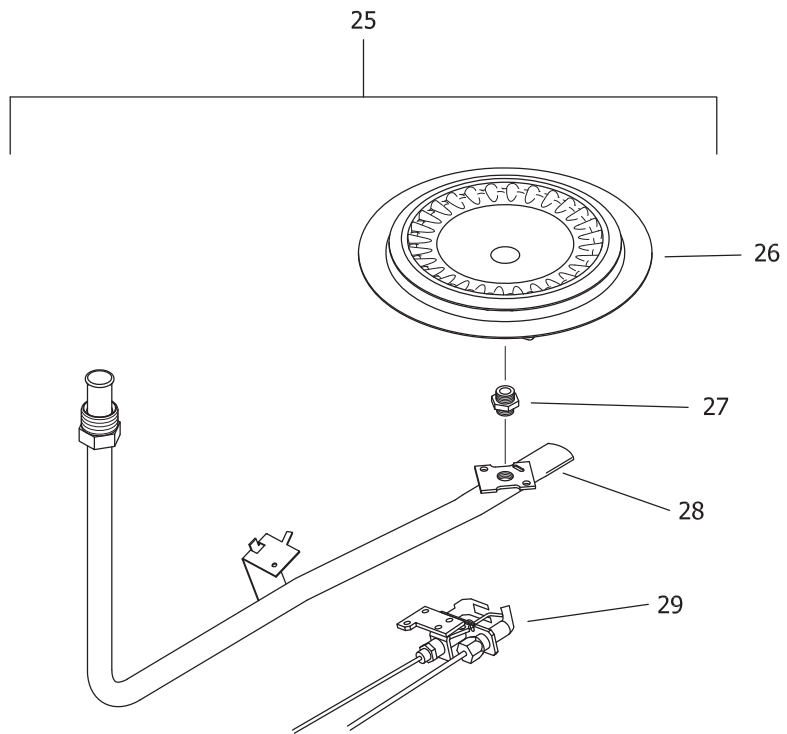


Item	Description	Model	Model
		RG2D40S*(N,X)	RG2D50S*(N,X)
1	Draft Hood	243-45787-00	243-45787-00
2	Flue Damper	265-50660-00	265-50660-00
3	Heat Trap Insert (Inlet)	239-51556-00	239-51556-00
4	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00
5	Flue Baffle	243-47897-00	243-47898-00
6	Cold Water Inlet Dip Tube (PEX)▲▲	229-51230-20	229-51230-19
7	Safety Circuit Wire Harness	239-45617-03	239-45617-03
8	Hot Water Outlet Anode (Magnesium)▲#	224-47776-19	224-47776-19
	Hot Water Outlet (Aluminum)▲#	224-32999-42	224-32999-42
	Hot Water Outlet (A420 Aluminum)▲#	224-49560-08	224-49560-08
9	T&P Relief Valve	230-40594-02	230-40594-02
10	Brass Drain Valve	265-42351-02	265-42351-02
11	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00
12	Nat. Gas Right Side Inner Door Complete	239-43963-07	239-43963-07
	LP Gas Right Side Inner Door Complete	239-43963-07	239-43963-07
13	Nat. Gas Resettable Thermal Switch	415-43676-02	415-43676-02
	LP Gas Resettable Thermal Switch	415-43676-02	415-43676-02
14	Screw-#6-20 X 3/8	239-43967-00	239-43967-00
15	Outer Door	243-43962-00	243-43962-00
16	Screw-#10-12 x 3/4 HWH	239-52581-00	239-52581-00
17	Left Side Inner Door Complete	239-43968-18	239-43968-18
18	Gas Valve (Natural Gas)	239-48795-02	239-48795-02
	Gas Valve (LP Gas)	239-48796-02	239-48796-02
19	Flammable Vapor Sensor Clip	239-45648-00	239-45648-00
20	Flammable Vapor Sensor	415-45560-00	415-45560-00
21	Flammable Vapor Sensor Harness	243-50192-00	243-50192-00
22	Inner Door Gasket Kit	239-44078-00	239-44078-00
23	ASSE Approved Mixing Valve (Optional)	239-51778-00	239-51778-00
24	Heat Trap Insert kit (Inlet & Outlet)	265-51572-00	265-51572-00

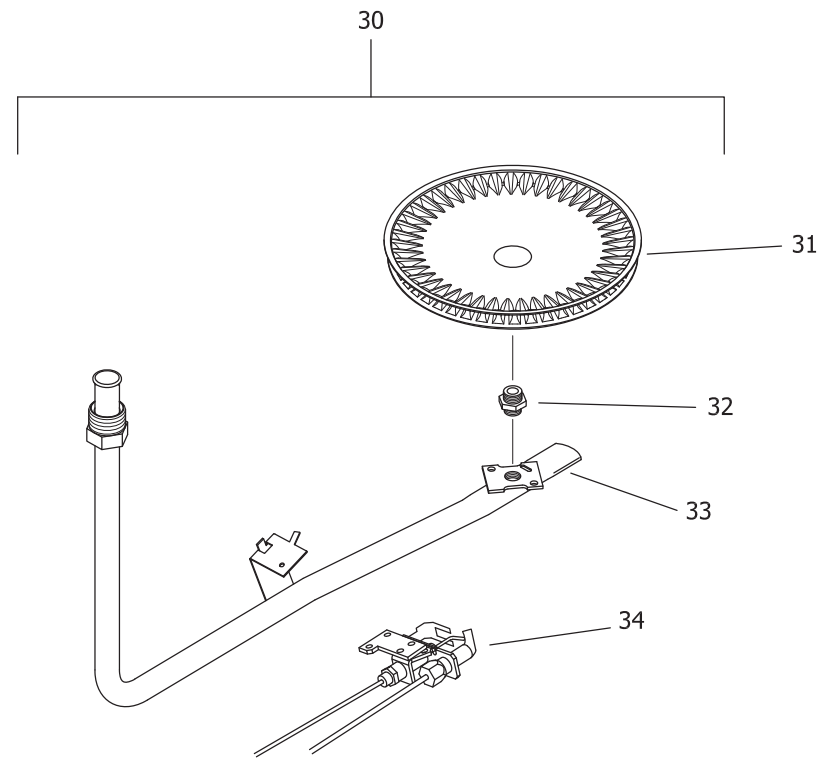
▲ Order with item 4.

▲▲ Order with item 3.

Anodes may need to be cut to length.



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

Item	Description	Model RG2D40S*(N,X)	Model RG2D50S*(N,X)
Natural Gas (BN) Burner Assembly			
25	Nat Gas Burner Assembly Complete***	265-45652-02-32	265-45652-02-32
26	Nat. Gas (N) Burner**	228-42506-00	228-42506-00
27	Nat. Gas (N) Main Burner Orifice 0Ft. to 2,000Ft. **	234-41034-32	234-41034-32
	Nat. Gas (N) High Altitude Orifice 2,001Ft. to 7,000Ft. (-475 model suffixes)**	234-41034-36	234-41034-36
	Nat. Gas (N) High Altitude Orifice Kit 7,001Ft. to 10,000Ft.	265-51311-02-40	265-51311-02-40
28	Feedline (N)	233-45615-02	233-45615-02
29	Nat. Gas Pilot Assembly**	233-45653-05	233-45653-05
LP Gas (SX) Titanium Stabilized Stainless Steel Burner Assembly			
30	LP Gas Burner Assembly Complete***	265-47440-09-50	265-47316-02-50
31	LP Gas (X) Burner**	228-46964-00	228-46964-00
32	LP Gas (X) Main Burner Orifice 0Ft. to 2,000Ft. **	234-47064-50	234-47064-50
	LP Gas (X) High Altitude Orifice 2,001Ft. to 7,000Ft. (-475 model suffixes)**	234-47064-52	234-47064-52
	LP Gas (X) High Altitude Orifice Kit 7,001Ft. to 10,000Ft.	265-51367-02-53	265-51367-02-53
33	Feedline (X)	233-47109-02	233-47109-02
34	LP Gas Pilot Assembly**	233-45653-04	233-45653-04
	LP to Nat. Gas Conversion Kit	265-46493-79	265-46493-108
	LP to Nat. Gas High Altitude Conversion Kit	265-46493-80	265-46493-109

* 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.

Reference Chart of Anode Length by Model

Model	AOD Anode Cut Length (End to end)	
	Inches	Millimeters
RG1D30T*(N,X)	39.13	994
RG1D40S*(N,X)	39.13	994
RG1D40T*(N,X)	44.13	1121
RG1D50T*(N,X)	47.13	1197
RG2D40S*(N,X)	36.13	918
RG2D50S*(N,X)	44.13	1121

NOTES

[illegible]



United States

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

Canada

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

Fax 905-636-0666

Warranty bwccwarranty@bradfordwhite.com

Technical Support bwcctech@bradfordwhite.com

Service Parts orders@bradfordwhitecanada.com

Orders ca.orders@bradfordwhite.com

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

International

General Contact international@bradfordwhite.com