



RESIDENTIAL AND LIGHT DUTY COMMERCIAL REPLACEMENT PARTS LIST

High-Input Direct Vent Energy Saver Models “DH1, DH” Series



DEFENDER
SAFETY SYSTEM®

FEATURING

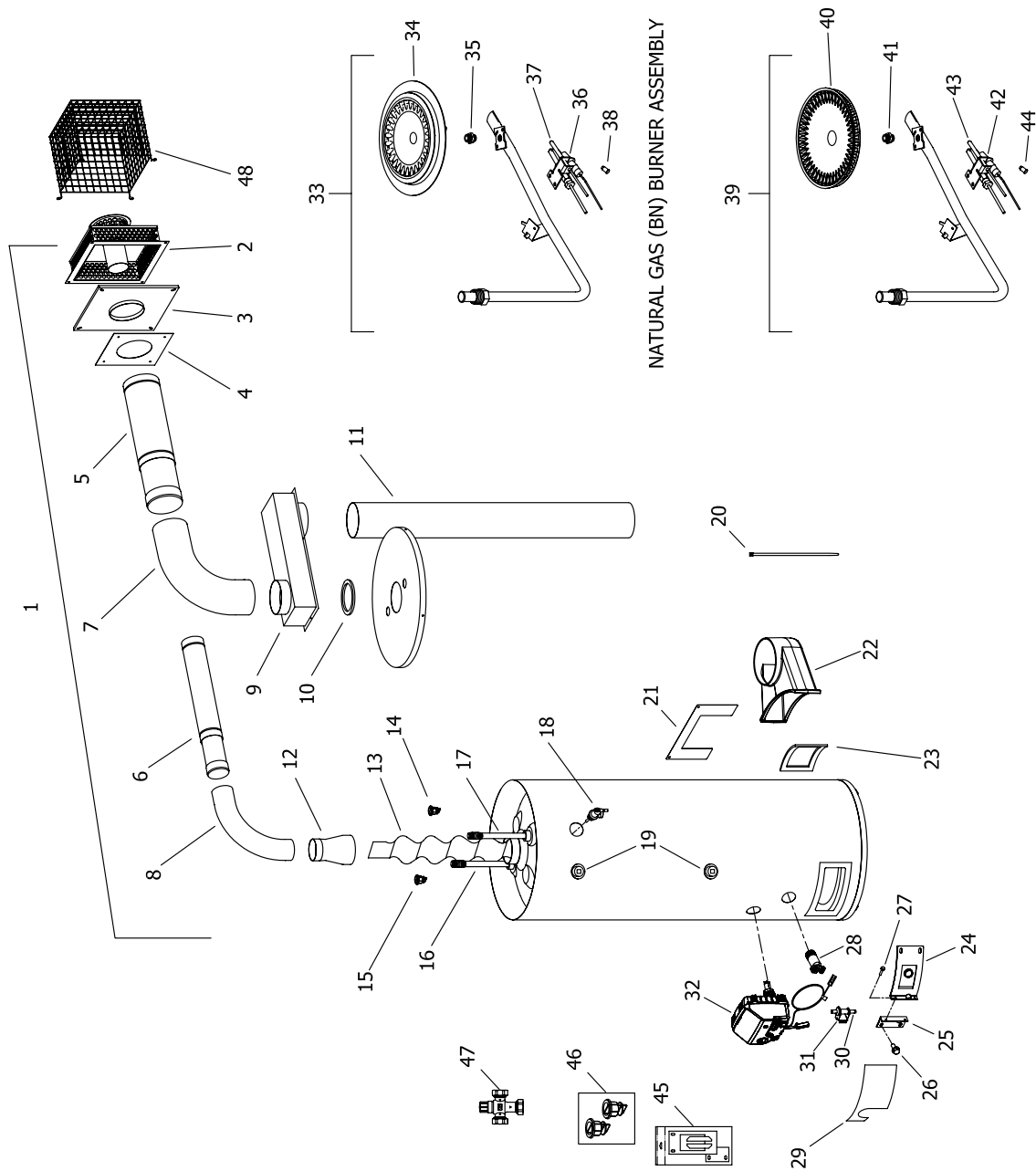
BRADFORD WHITE
ICON
System™

Includes Hydrojet®
Total Performance System

Effective: September, 2009
ECO 7439

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

Dimensions and specifications
subject to change without notice.



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 DH50T50F (B*N,C*X, S*X)	Model DH65T55F (B*N,C*X, S*X)	Model DH75T60F (B*N,C*X, S*X)
1	Vent package White (Solid)	239-45412-00	239-45412-00	239-45412-00
	Aluminum (Solid)	239-42980-00	239-42980-00	239-42980-00
	Brown (Solid)	239-42979-00	239-42979-00	239-42979-00
	Brown (Flexible)	---	---	---
2	Direct Vent-Air Intake Terminal (Brown)(Flexible & Solid)	239-42832-00	239-42832-00	239-42832-00
	Direct Vent-Air Intake Terminal (White)(Flexible & Solid)	239-45413-00	239-45413-00	239-45413-00
	Direct Vent-Air Intake Terminal (Aluminum)(Flexible & Solid)	239-42274-00	239-42274-00	239-42274-00
3	Outer Wall Mounting Plate (Brown)(Flexible & Solid)	239-42833-00	239-42833-00	239-42833-00
	Outer Wall Mounting Plate (White)(Flexible & Solid)	239-45414-00	239-45414-00	239-45414-00
	Outer Wall Mounting Plate (Aluminum)(Flexible & Solid)	239-42447-00	239-42447-00	239-42447-00
4	Backing Plate	239-42449-00	239-42449-00	239-42449-00
5	Six inch Diameter Telescopic Air Intake Tube (Solid Only)	239-42459-00	239-42452-00	239-42452-00
6	Four inch Diameter Telescopic Vent Tube (Solid Only)	239-42460-00	239-42460-00	239-42460-00
7	Six inch Diameter Elbow (Solid Only)	239-42067-00	239-42067-00	239-42067-00
8	Four inch Diameter Elbow (Solid Only)	239-42068-00	239-42068-00	239-42068-00
9	Plenum	239-42069-01	239-42069-02	239-42069-03
10	Plenum Gasket	239-41070-02	239-41070-02	239-41070-02
11	Air Intake Tube	239-41012-02	239-41012-03	239-41012-02
12	Flue Reducer	239-42066-00	239-42066-00	239-42066-00
13	Flue Baffle	243-44646-00	243-44650-00	243-42062-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00
15	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
16	Hot Water Outlet Anode Magnesium	224-32731-86	224-32731-86	224-32731-86
	Aluminum	224-32999-30	224-32999-30	224-32999-30
	A420 Aluminum	224-45147-01	224-45147-01	224-45147-01
17	Cold Water Inlet Dip Tube Polypropylene	229-39625-20	229-39625-19	229-39625-19
	Polysulfone (NC Code)	229-39628-20	229-39628-19	229-39628-19
18	T&P Relief Valve	230-32920-01	230-32920-01	230-32920-01
19	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00
20	Wire Tie	239-44328-00	239-44328-00	239-44328-00
21	Direct Vent Boot Escutcheon	243-46922-00	243-46922-00	243-46922-00
22	Air Intake Boot	239-46755-01	239-46755-02	239-46755-03
23	Air Intake Boot Gasket	223-41067-00	223-41067-00	223-41067-00
24	Right Side Inner Door	239-45642-18	239-45642-20	239-45642-20
25	Left Side Inner Door	239-43968-18	239-43968-20	239-43968-20
26	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00
27	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00
28	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
29	Outer Door	243-43962-00	243-43962-00	243-43962-00
30	Piezo Igniter (White Rodgers)	239-43448-00	239-43448-00	239-43448-00
31	Piezo Igniter Bracket (White Rodgers)	239-46157-02	239-46157-02	239-46157-02
32	Gas Control Direct Replacement Natural Gas	239-47464-01	239-47464-01	239-47464-01
	Gas Control Direct Replacement LP Gas	239-47466-01	239-47466-01	239-47466-01
	Gas Control Universal Replacement Natural Gas	239-47857-00	239-47857-00	239-47857-00
	Gas Control Universal Replacement LP Gas	239-47858-00	239-47858-00	239-47858-00

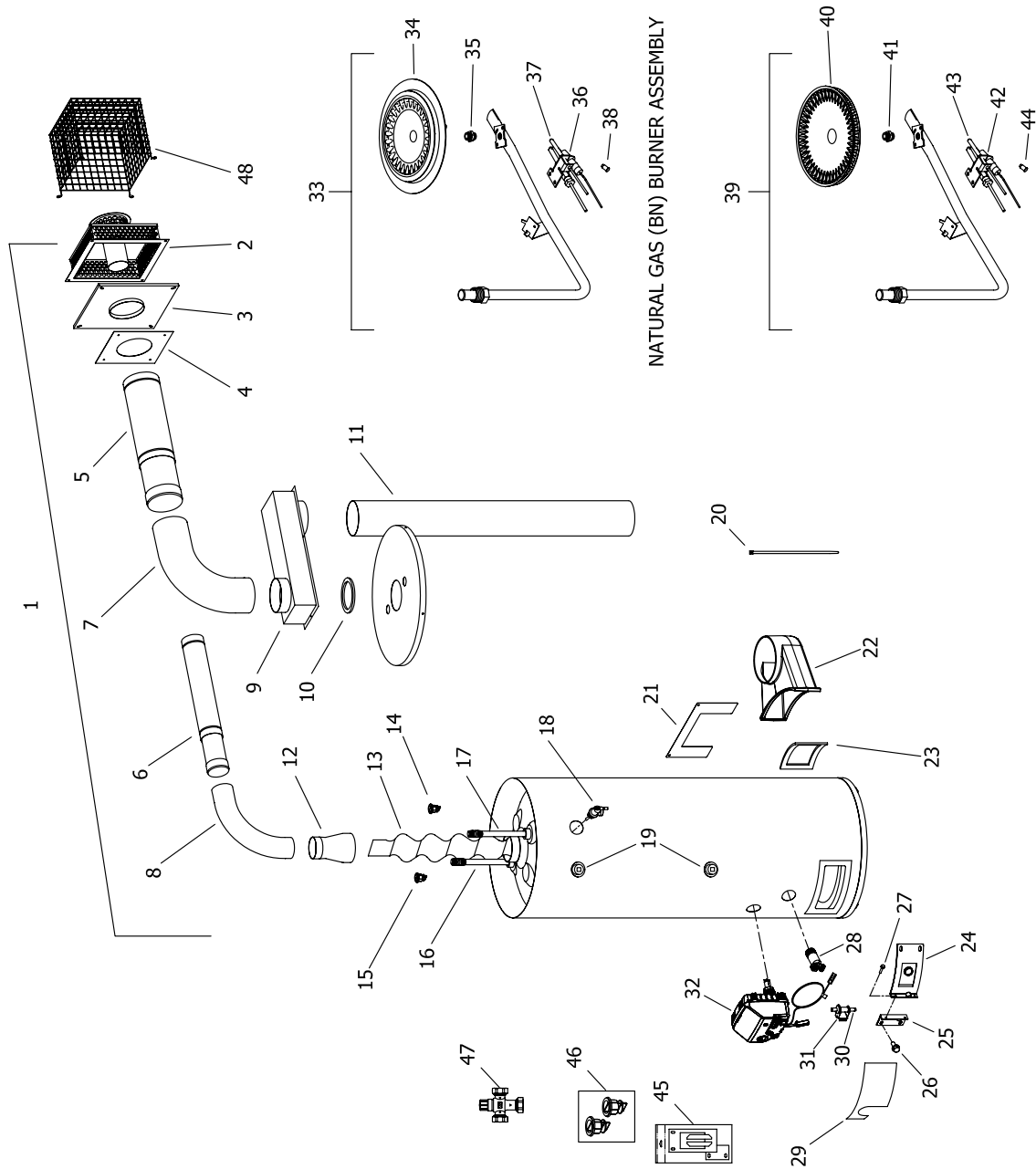
*Applies to all warranties

**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 15

▲▲ Order with item 14



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 DH50T50F (B*N,C*X, S*X)	Model DH6T55F (B*N,C*X, S*X)	Model DH75T60F (B*N,C*X, S*X)
Natural Gas BN Burner Assembly				
33	Nat Gas Burner Assembly Complete***	265-43971-03-31	265-43971-04-30	265-43971-06-29
34	Nat. Gas BN Burner**	228-42506-00	228-42506-00	228-42506-00
35	Nat. Gas Main Burner Orifice**	234-41034-31	234-41034-30	234-41034-29
	Nat. Gas High Altitude 2001 Ft. to 5000 Ft.**	234-41034-33	234-41034-31	234-41034-30
	Nat. Gas High Altitude 5001 Ft. to 8000 Ft.**	234-41034-36	234-41034-32	234-41034-31
	Nat. Gas High Altitude Over 8000 Ft.**	234-41034-38	234-41034-33	234-41034-31
36	Nat. Gas Pilot Assembly (White Rodgers)**	233-46277-04	233-46277-04	233-46277-04
	Nat. Gas Pilot Assembly (Honeywell)**	233-48077-03	233-48077-03	233-48077-03
37	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
38	Nat. Gas Pilot Orifice (White Rodgers)**	234-46502-05	234-46502-05	234-46502-05
LP Gas SX Burner Assembly				
Replacement for LP Gas Cast Iron Burner				
39	LP Gas Burner Assembly Complete***	265-47440-12-47	265-47440-18-46	265-47118-04-43
40	LP Gas SX Burner**	228-47000-00	228-47000-00	228-47000-00
41	LP Gas SX Main Burner Orifice**	234-47064-47	234-47064-46	234-47064-43
	LP Gas SX High Altitude 2001 Ft. to 5000 Ft.**	234-47064-49	234-47064-48	234-47064-46
	LP Gas SX High Altitude 5001 Ft. to 8000 Ft.**	234-47064-50	234-47064-49	234-47064-47
	LP Gas SX High Altitude Over 8000 Ft.**	234-47064-51	234-47064-50	234-47064-47
42	LP Gas SX Pilot Assembly (White Rodgers)**	233-46278-03	233-46278-03	233-41063-03
	LP Gas SX Pilot Assembly (Honeywell)**	233-48078-03	233-48078-03	233-48078-03
43	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
44	LP Gas SX Pilot Orifice (White Rodgers)**	234-46502-02	234-46502-02	233-46502-02
45	Inner Door Gasket Kit	239-44078-00	239-44078-00	239-44078-00
46	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00
47	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01
48	Direct Vent-Air Intake Terminal Guard (Optional)	239-41453-00	239-41453-00	239-41453-00
-	LP to Natural Gas Conversion Kit (Norm Alt.)	265-45712-41	265-45712-42	265-45712-43
-	LP to Natural Gas Conversion Kit (High Alt.)	265-45712-44	265-45712-45	265-45712-46

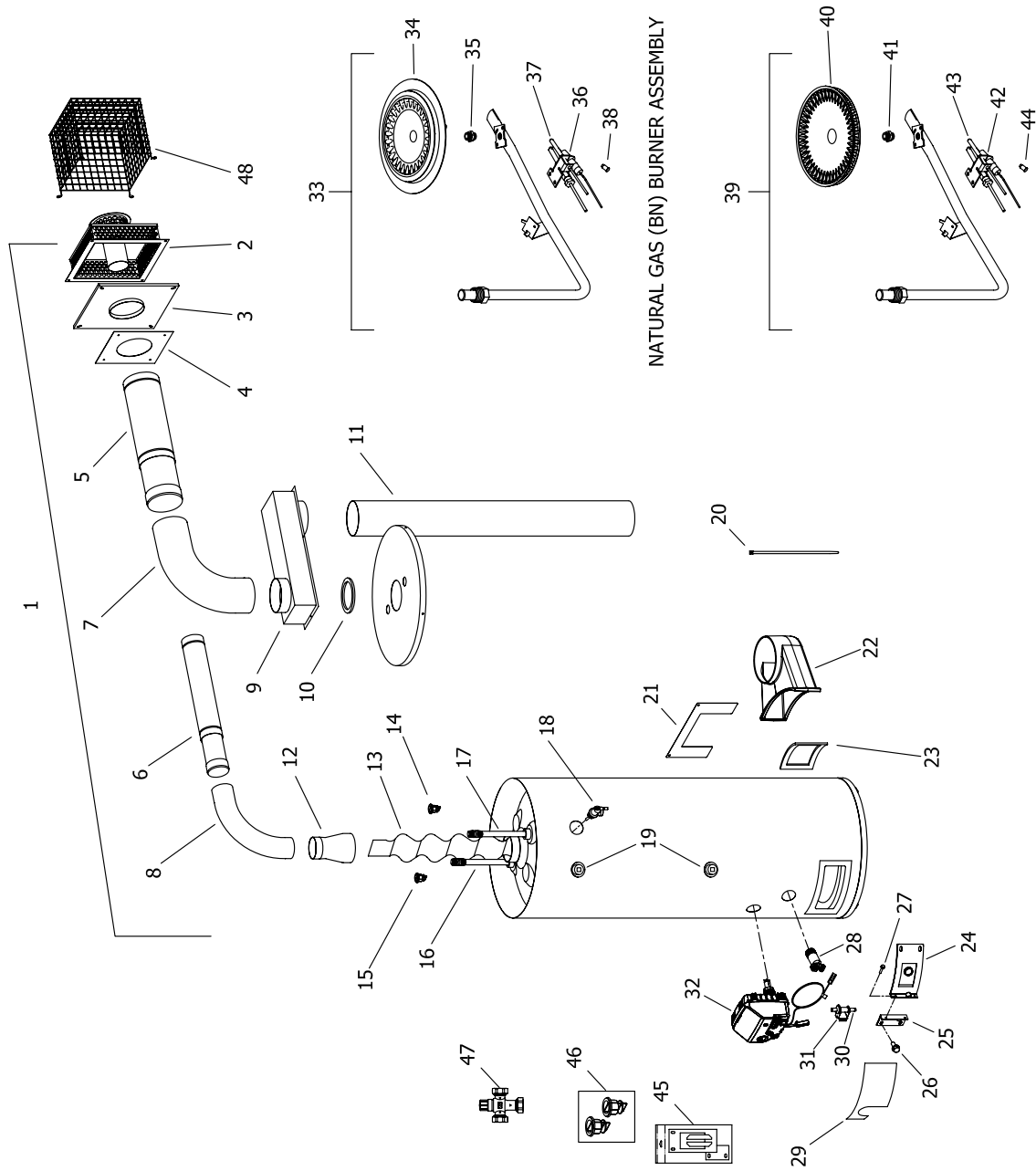
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LP GAS (SX) BURNER ASSEMBLY TO REPLACE LP GAS (CX) BURNER ASSEMBLY
ON ALL MODELS EXCEPT 75 & 100 GAL. MODELS

Item	Description	Model DH1504T*F (BN, CX, SX)	Model DH165T*F (BN, CX, SX)	Model DH175S*F (BN, CX, SX)
1	Vent package White (Solid)	239-45412-00	239-45412-00	239-45412-00
	Aluminum (Solid)	239-42980-00	239-42980-00	239-42980-00
	Brown (Solid)	239-42979-00	239-42979-00	239-42979-00
	Brown (Flexible)	---	---	---
2	Direct Vent-Air Intake Terminal (Brown)(Flexible & Solid)	239-42832-00	239-42832-00	239-42832-00
	Direct Vent-Air Intake Terminal (White)(Flexible & Solid)	239-45413-00	239-45413-00	239-45413-00
	Direct Vent-Air Intake Terminal (Aluminum)(Flexible & Solid)	239-42274-00	239-42274-00	239-42274-00
3	Outer Wall Mounting Plate (Brown)(Flexible & Solid)	239-42833-00	239-42833-00	239-42833-00
	Outer Wall Mounting Plate (White)(Flexible & Solid)	239-45414-00	239-45414-00	239-45414-00
	Outer Wall Mounting Plate (Aluminum)(Flexible & Solid)	239-42447-00	239-42447-00	239-42447-00
4	Backing Plate	239-42449-00	239-42449-00	239-42449-00
5	Six inch Diameter Telescopic Air Intake Tube (Solid Only)	239-42452-00	239-42452-00	239-42452-00
6	Four inch Diameter Telescopic Vent Tube (Solid Only)	239-42460-00	239-42460-00	239-42460-00
7	Six inch Diameter Elbow (Solid Only)	239-42067-00	239-42067-00	239-42067-00
8	Four inch Diameter Elbow (Solid Only)	239-42068-00	239-42068-00	239-42068-00
9	Plenum	239-42069-01	239-42069-02	239-42069-03
10	Plenum Gasket	239-41070-02	239-41070-02	239-41070-02
11	Air Intake Tube	239-41012-02	239-41012-03	239-41012-02
12	Flue Reducer	239-42066-00	239-42066-00	239-42066-00
13	Flue Baffle	243-44646-00	243-44650-00	243-42062-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00
15	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
16	Hot Water Outlet Anode Magnesium	224-32731-86	224-32731-83	224-32731-83
	Aluminum	224-32999-30	224-32999-06	224-32999-06
	A420 Aluminum	224-45147-01	229-45147-03	229-45147-03
17	Cold Water Inlet Dip Tube Polypropylene	229-39625-18	229-39625-06	229-39625-06
	Polysulfone (NC Code)	229-39628-18	229-39628-06	229-39628-06
18	T&P Relief Valve	230-32920-01	230-32920-01	230-32920-01
19	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00
20	Wire Tie	239-44328-00	239-44328-00	239-44328-00
21	Direct Vent Boot Escutcheon	243-46922-00	243-46922-00	243-46922-00
22	Air Intake Boot	239-46755-01	239-46755-02	239-46755-03
23	Air Intake Boot Gasket	223-41067-00	223-41067-00	223-41067-00
24	Right Side Inner Door	239-45642-18	239-45642-20	239-45642-20
25	Left Side Inner Door	239-43968-18	239-43968-20	239-43968-20
26	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00
27	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00
28	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
29	Outer Door	243-43962-00	243-43962-00	243-43962-00
30	Piezo Igniter (White Rodgers)	239-43448-00	239-43448-00	239-43448-00
31	Piezo Igniter Bracket (White Rodgers)	239-46157-02	239-46157-02	239-46157-02
32	Gas Control Direct Replacement Natural Gas	239-47463-01	239-47463-01	239-47463-01
	Gas Control Direct Replacement LP Gas	239-47465-01	239-47465-01	239-47465-01
	Gas Control Universal Replacement Natural Gas	239-47851-00	239-47851-00	239-47851-00
	Gas Control Universal Replacement LP Gas	239-47856-00	239-47856-00	239-47856-00

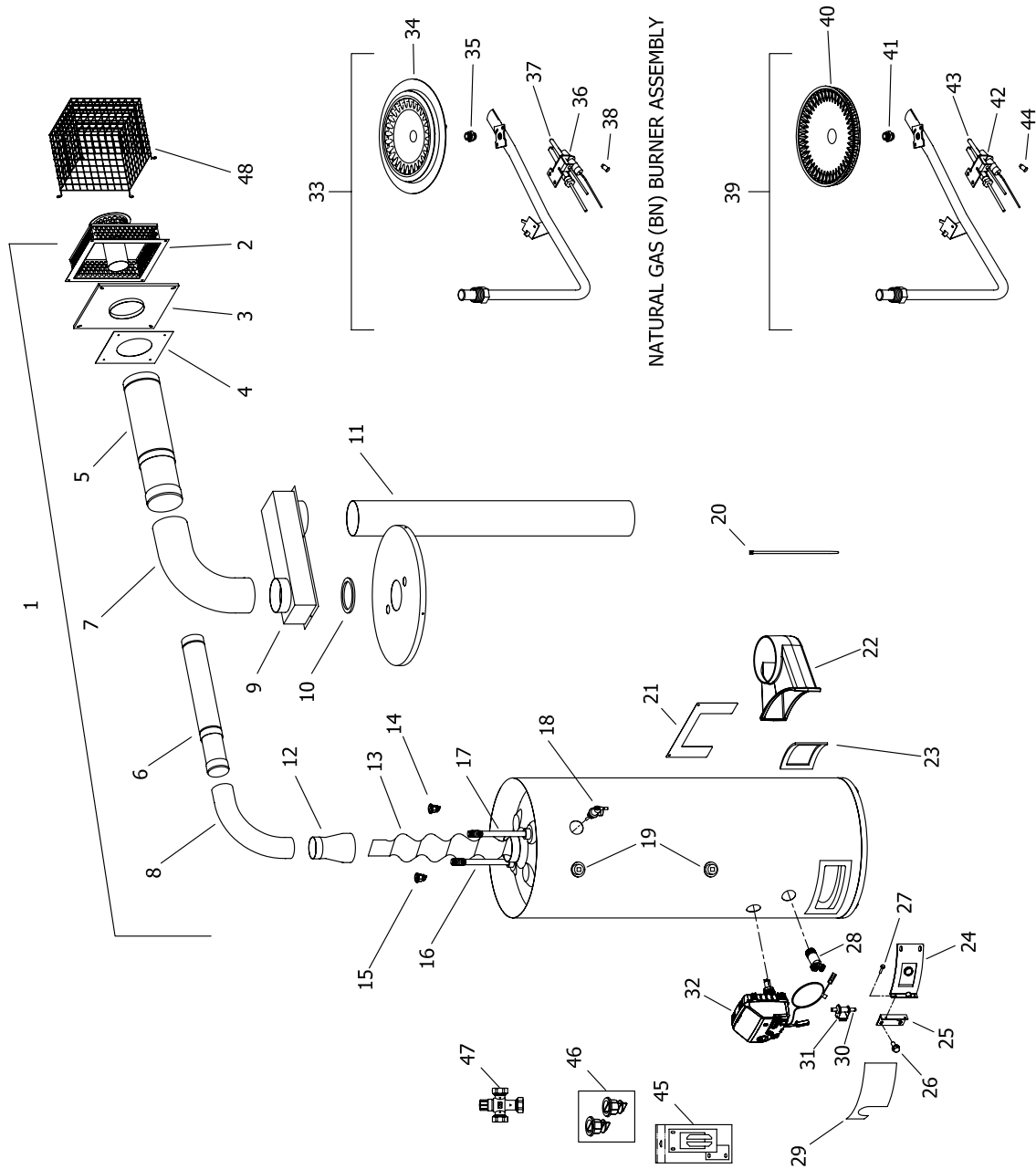
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ON ALL MODELS EXCEPT 75 & 100 GAL. MODELS

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Natural Gas BN Burner Assembly				
33	Nat Gas Burner Assembly Complete***	265-43971-03-31	265-43971-04-30	265-43971-06-29
34	Nat. Gas BN Burner**	228-42506-00	228-42506-00	228-42506-00
35	Nat. Gas Main Burner Orifice**	234-41034-31	234-41034-30	234-41034-29
	Nat. Gas High Altitude 2001 Ft. to 5000 Ft.**	234-41034-33	234-41034-31	234-41034-30
	Nat. Gas High Altitude 5001 Ft. to 8000 Ft.**	234-41034-36	234-41034-32	234-41034-31
	Nat. Gas High Altitude Over 8000 Ft.**	234-41034-38	234-41034-33	234-41034-31
36	Nat. Gas Pilot Assembly (White Rodgers)**	233-46277-04	233-46277-04	233-46277-04
	Nat. Gas Pilot Assembly (Honeywell)**	233-48077-03	233-48077-03	233-48077-03
37	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
38	Nat. Gas Pilot Orifice (White Rodgers)**	234-46502-05	234-46502-05	234-46502-05
LP Gas SX Burner Assembly				
Replacement for LP Gas Cast Iron Burner				
39	LP Gas Burner Assembly Complete***	265-47440-12-47	265-47440-18-46	265-47118-04-43
40	LP Gas SX Burner**	228-47000-00	228-47000-00	228-47000-00
41	LP Gas SX Main Burner Orifice**	234-47064-47	234-47064-46	234-47064-43
	LP Gas SX High Altitude 2001 Ft. to 5000 Ft.**	234-47064-49	234-47064-48	234-47064-46
	LP Gas SX High Altitude 5001 Ft. to 8000 Ft.**	234-47064-50	234-47064-49	234-47064-47
	LP Gas SX High Altitude Over 8000 Ft. **	234-47064-51	234-47064-50	234-47064-47
42	LP Gas SX Pilot Assembly (White Rodgers)**	233-46278-03	233-46278-03	233-41063-03
	LP Gas SX Pilot Assembly (Honeywell)**	233-48078-03	233-48078-03	233-48078-03
43	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
44	LP Gas SX Pilot Orifice (White Rodgers)**	234-46502-02	234-46502-02	233-46502-02
45	Inner Door Gasket Kit	239-44078-00	239-44078-00	239-44078-00
46	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00
47	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01
48	Direct Vent-Air Intake Terminal Guard (Optional)	239-41453-00	239-41453-00	239-41453-00
-	LP to Natural Gas Conversion Kit (Norm Alt.)	265-45712-33	265-45712-34	265-45712-35
-	LP to Natural Gas Conversion Kit (High Alt.)	265-45712-38	265-45712-39	265-45712-40

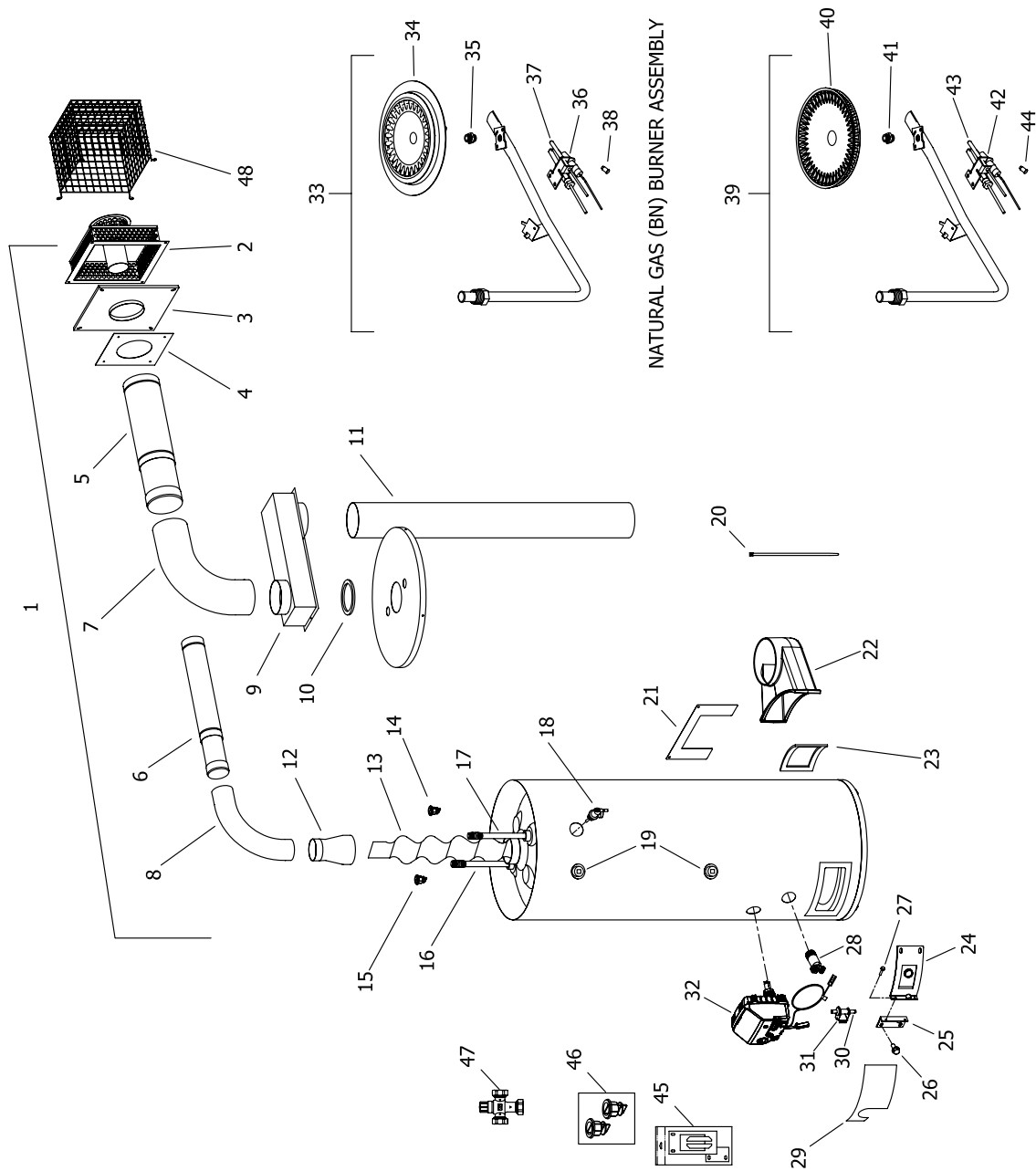
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1	Vent package White (Solid)	239-45412-00	239-45412-00	239-45412-00
	Aluminum (Solid)	239-42980-00	239-42980-00	239-42980-00
	Brown (Solid)	239-47811-00	239-47811-00	239-47811-00
	Brown (Flexible)	239-47813-00	239-47813-00	239-47813-00
2	Direct Vent-Air Intake Terminal (Brown)(Flexible & Solid)	239-42832-00	239-42832-00	239-42832-00
	Direct Vent-Air Intake Terminal (White)(Flexible & Solid)	239-45413-00	239-45413-00	239-45413-00
	Direct Vent-Air Intake Terminal (Aluminum)(Flexible & Solid)	239-42274-00	239-42274-00	239-42274-00
3	Outer Wall Mounting Plate (Brown)(Flexible & Solid)	239-42833-00	239-42833-00	239-42833-00
	Outer Wall Mounting Plate (White)(Flexible & Solid)	239-45414-00	239-45414-00	239-45414-00
	Outer Wall Mounting Plate (Aluminum)(Flexible & Solid)	239-42447-00	239-42447-00	239-42447-00
4	Backing Plate	239-42449-00	239-42449-00	239-42449-00
5	Six inch Diameter Telescopic Air Intake Tube (Solid Only)	239-42459-00	239-42452-00	239-42459-00
6	Four inch Diameter Telescopic Vent Tube (Solid Only)	239-42460-00	239-42460-00	239-42460-00
7	Six inch Diameter Elbow (Solid Only)	239-42067-00	239-42067-00	239-42067-00
8	Four inch Diameter Elbow (Solid Only)	239-42068-00	239-42068-00	239-42068-00
9	Plenum	239-47668-01	239-47668-02	239-47668-03
10	Plenum Gasket	239-41070-02	239-41070-02	239-41070-02
11	Air Intake Tube	239-47664-02	239-47664-03	239-47664-02
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13	Flue Baffle	243-47510-00	243-44650-00	243-47509-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00
15	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
16	Hot Water Outlet Anode Magnesium	224-32731-86	224-32731-86	224-32731-86
	Aluminum	224-32999-30	224-32999-30	224-32999-30
17	A420 Aluminum	224-45147-01	224-45147-01	224-45147-01
	Cold Water Inlet Dip Tube Polypropylene	229-39625-20	229-39625-19	229-39625-19
	Polysulfone (NC Code)	229-39628-20	229-39628-19	229-39628-19
18	T&P Relief Valve	230-32920-01	230-32920-01	230-32920-01
19	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00
20	Wire Tie	239-44328-00	239-44328-00	239-44328-00
21	Direct Vent Boot Escutcheon	---	---	---
22	Air Intake Boot	239-47771-18	239-47771-20	239-47771-22
23	Air Intake Boot Gasket	w/ Intake Boot	w/ Intake Boot	w/ Intake Boot
24	Right Side Inner Door	239-45642-18	239-45642-20	239-47504-22
25	Left Side Inner Door	239-43968-18	239-43968-20	239-43968-20
26	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00
27	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00
28	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
29	Outer Door	243-43962-00	243-43962-00	243-43962-00
30	Piezo Igniter (White Rodgers)	239-43448-00	239-43448-00	239-43448-00
31	Piezo Igniter Bracket (White Rodgers)	239-46157-02	239-46157-02	239-46157-02
32	Gas Control Direct Replacement Natural Gas	239-47464-01	239-47464-01	239-47464-01
	Gas Control Direct Replacement LP Gas	239-47466-01	239-47466-01	239-47466-01
	Gas Control Universal Replacement Natural Gas	239-47857-00	239-47857-00	239-47857-00
	Gas Control Universal Replacement LP Gas	239-47858-00	239-47858-00	239-47858-00

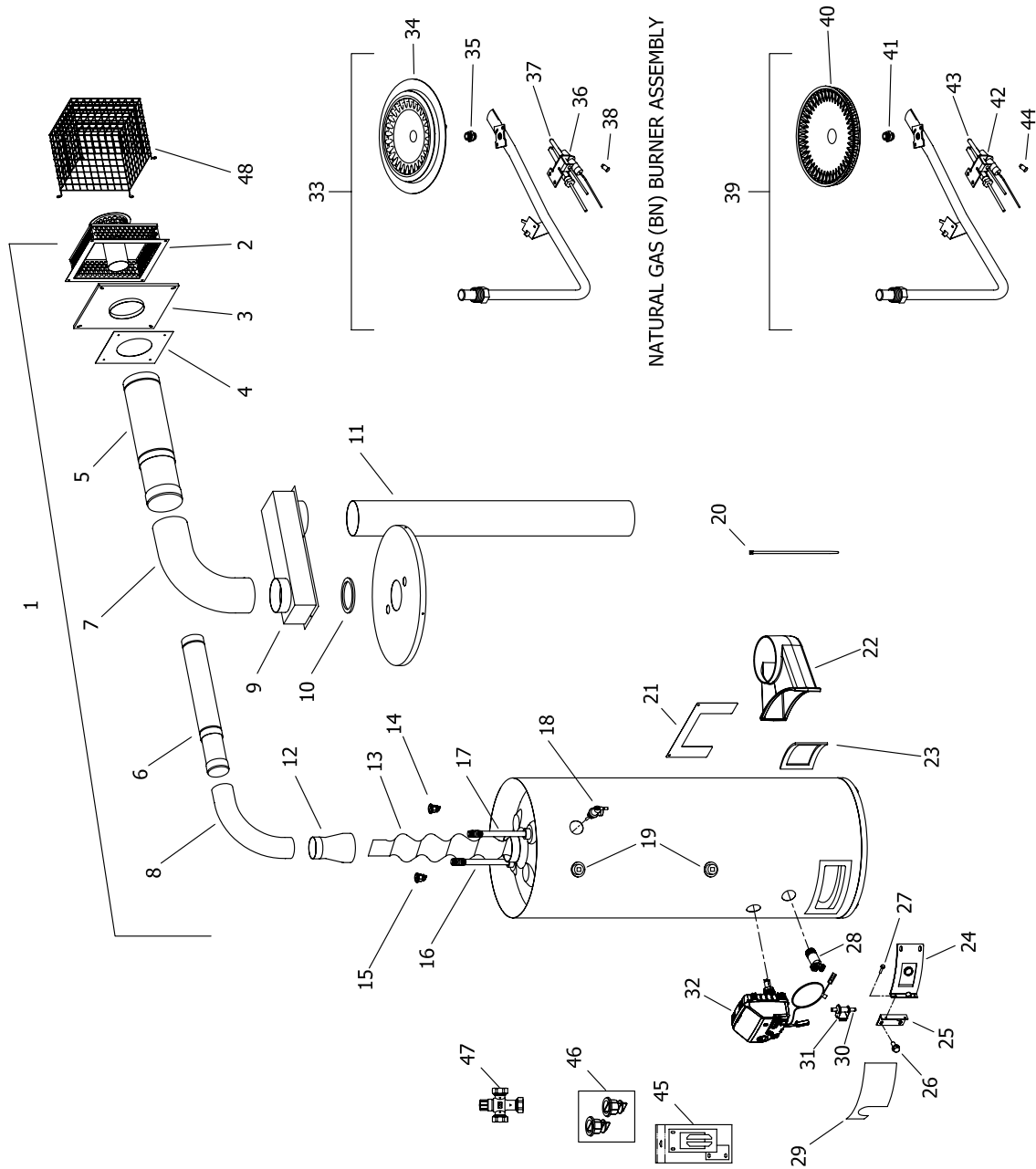
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33	Nat Gas Burner Assembly Complete***	265-47970-01-31	265-47970-02-30	265-47970-03-29
34	Nat. Gas BN Burner**	228-42506-00	228-42506-00	228-42506-00
35	Nat. Gas Main Burner Orifice**	234-41034-31	234-41034-30	234-41034-29
	Nat. Gas High Altitude 2001 Ft. to 5000 Ft.**	234-41034-33	234-41034-31	234-41034-30
	Nat. Gas High Altitude 5001 Ft. to 8000 Ft.**	234-41034-36	234-41034-32	234-41034-31
	Nat. Gas High Altitude Over 8000 Ft.**	234-41034-38	234-41034-33	234-41034-31
36	Nat. Gas Pilot Assembly (White Rodgers)**	233-46277-04	233-46277-04	233-41062-03
	Nat. Gas Pilot Assembly (Honeywell)**	233-48077-03	233-48077-03	233-48077-03
37	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
38	Nat. Gas Pilot Orifice (White Rodgers)**	234-46502-05	234-46502-05	234-46502-05
LP Gas SX Burner Assembly				
Replacement for LP Gas Cast Iron Burner				
39	LP Gas Burner Assembly Complete***	265-47972-01-47	265-47972-02-46	265-47972-03-43
40	LP Gas SX Burner**	228-47000-00	228-47000-00	228-47000-00
41	LP Gas SX Main Burner Orifice**	234-47064-47	234-47064-46	234-47064-43
	LP Gas SX High Altitude 2001 Ft. to 5000 Ft.**	234-47064-49	234-47064-48	234-47064-46
	LP Gas SX High Altitude 5001 Ft. to 8000 Ft.**	234-47064-50	234-47064-49	234-47064-47
	LP Gas SX High Altitude Over 8000 Ft.**	234-47064-51	234-47064-50	234-47064-47
42	LP Gas SX Pilot Assembly (White Rodgers)**	233-46278-03	233-46278-03	233-41063-03
	LP Gas SX Pilot Assembly (Honeywell)**	233-48078-03	233-48078-03	233-48078-03
43	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
44	LP Gas SX Pilot Orifice (White Rodgers)**	234-46502-02	234-46502-02	233-46502-02
45	Inner Door Gasket Kit	239-44078-00	239-44078-00	239-47792-00
46	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00
47	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01
48	Direct Vent-Air Intake Terminal Guard (Optional)	239-41453-00	239-41453-00	239-41453-00
-	LP to Natural Gas Conversion Kit (Norm Alt.)	265-45712-61	265-45712-62	265-45712-63
-	LP to Natural Gas Conversion Kit (High Alt.)	265-45712-64	265-45712-65	265-45712-66

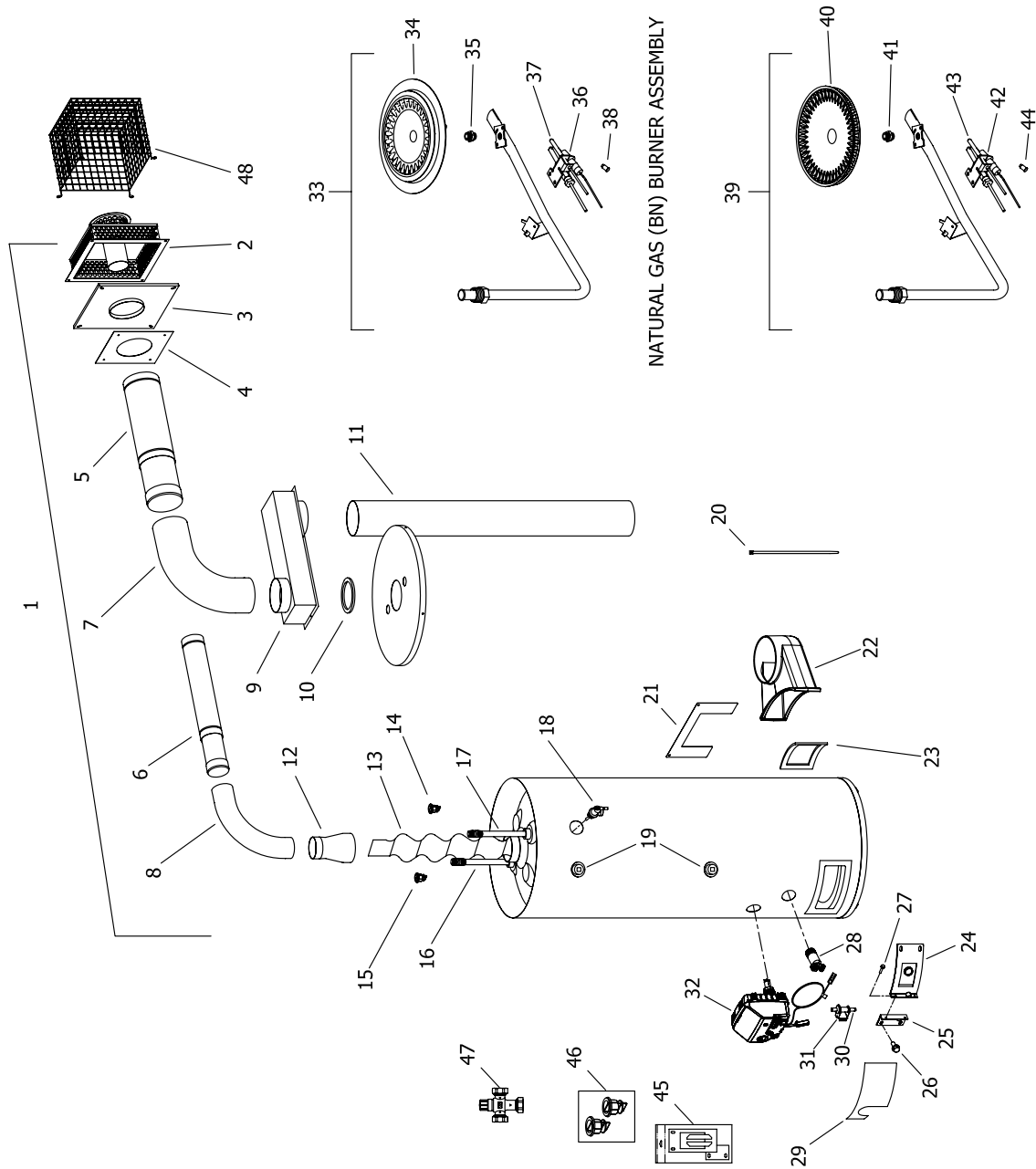
*Applies to all warranties

**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 15

▲▲ Order with item 14



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 DH1504T*F(BN, SX) (-ONLY, -FLEX, -SOLID)	Model DH165T*F(BN, SX) (-ONLY, -FLEX, -SOLID)	Model DH175S*F(BN, SX) (-ONLY, -FLEX, -SOLID)
1	Vent package White (Solid)	239-45412-00	239-45412-00	239-45412-00
	Aluminum (Solid)	239-42980-00	239-42980-00	239-42980-00
	Brown (Solid)	239-47811-00	239-47811-00	239-47811-00
	Brown (Flexible)	239-47813-00	239-47813-00	239-47813-00
2	Direct Vent-Air Intake Terminal (Brown)(Flexible & Solid)	239-42832-00	239-42832-00	239-42832-00
	Direct Vent-Air Intake Terminal (White)(Flexible & Solid)	239-45413-00	239-45413-00	239-45413-00
	Direct Vent-Air Intake Terminal (Aluminum)(Flexible & Solid)	239-42274-00	239-42274-00	239-42274-00
3	Outer Wall Mounting Plate (Brown)(Flexible & Solid)	239-42833-00	239-42833-00	239-42833-00
	Outer Wall Mounting Plate (White)(Flexible & Solid)	239-45414-00	239-45414-00	239-45414-00
	Outer Wall Mounting Plate (Aluminum)(Flexible & Solid)	239-42447-00	239-42447-00	239-42447-00
4	Backing Plate	239-42449-00	239-42449-00	239-42449-00
5	Six inch Diameter Telescopic Air Intake Tube (Solid Only)	239-42452-00	239-42452-00	239-42452-00
6	Four inch Diameter Telescopic Vent Tube (Solid Only)	239-42460-00	239-42460-00	239-42460-00
7	Six inch Diameter Elbow (Solid Only)	239-42067-00	239-42067-00	239-42067-00
8	Four inch Diameter Elbow (Solid Only)	239-42068-00	239-42068-00	239-42068-00
9	Plenum	239-47668-01	239-47668-02	239-47668-03
10	Plenum Gasket	239-41070-02	239-41070-02	239-41070-02
11	Air Intake Tube	239-47664-02	239-47664-03	239-47664-02
12	Flue Reducer	239-42066-00	239-42066-00	239-42066-00
13	Flue Baffle	243-47510-00	243-44650-00	243-47509-00
14	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00
15	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
16	Hot Water Outlet Anode Magnesium	224-32731-86	224-32731-83	224-32731-83
	Aluminum	224-32999-30	224-32999-06	224-32999-06
17	Cold Water Inlet Dip Tube Polypropylene	224-45147-01	229-45147-03	229-45147-03
	▲▲	229-39625-18	229-39625-06	229-39625-06
	Polyulfone (NC Code)	229-39628-18	229-39628-06	229-39628-06
18	T&P Relief Valve	230-32920-01	230-32920-01	230-32920-01
19	3/4 NPT Plug	239-11638-00	239-11638-00	239-11638-00
20	Wire Tie	239-44328-00	239-44328-00	239-44328-00
21	Direct Vent Boot Escutcheon	---	---	---
22	Air Intake Boot	239-47771-18	239-47771-20	239-47771-22
23	Air Intake Boot Gasket	w/ Intake Boot	w/ Intake Boot	w/ Intake Boot
24	Right Side Inner Door	239-45642-18	239-45642-20	239-47504-22
25	Left Side Inner Door	239-43968-18	239-43968-20	239-43968-20
26	Screw-#10-12 x 3/4 HWH	239-44113-00	239-44113-00	239-44113-00
27	Screw-#8-18 x 3/4 HWH	239-44195-00	239-44195-00	239-44195-00
28	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
29	Outer Door	243-43962-00	243-43962-00	243-43962-00
30	Piezo Igniter (White Rodgers)	239-43448-00	239-43448-00	239-43448-00
31	Piezo Igniter Bracket (White Rodgers)	239-46157-02	239-46157-02	239-46157-02
32	Gas Control Direct Replacement Natural Gas	239-47463-01	239-47463-01	239-47463-01
	Gas Control Direct Replacement LP Gas	239-47465-01	239-47465-01	239-47465-01
	Gas Control Universal Replacement Natural Gas	239-47851-00	239-47851-00	239-47851-00
	Gas Control Universal Replacement LP Gas	239-47856-00	239-47856-00	239-47856-00

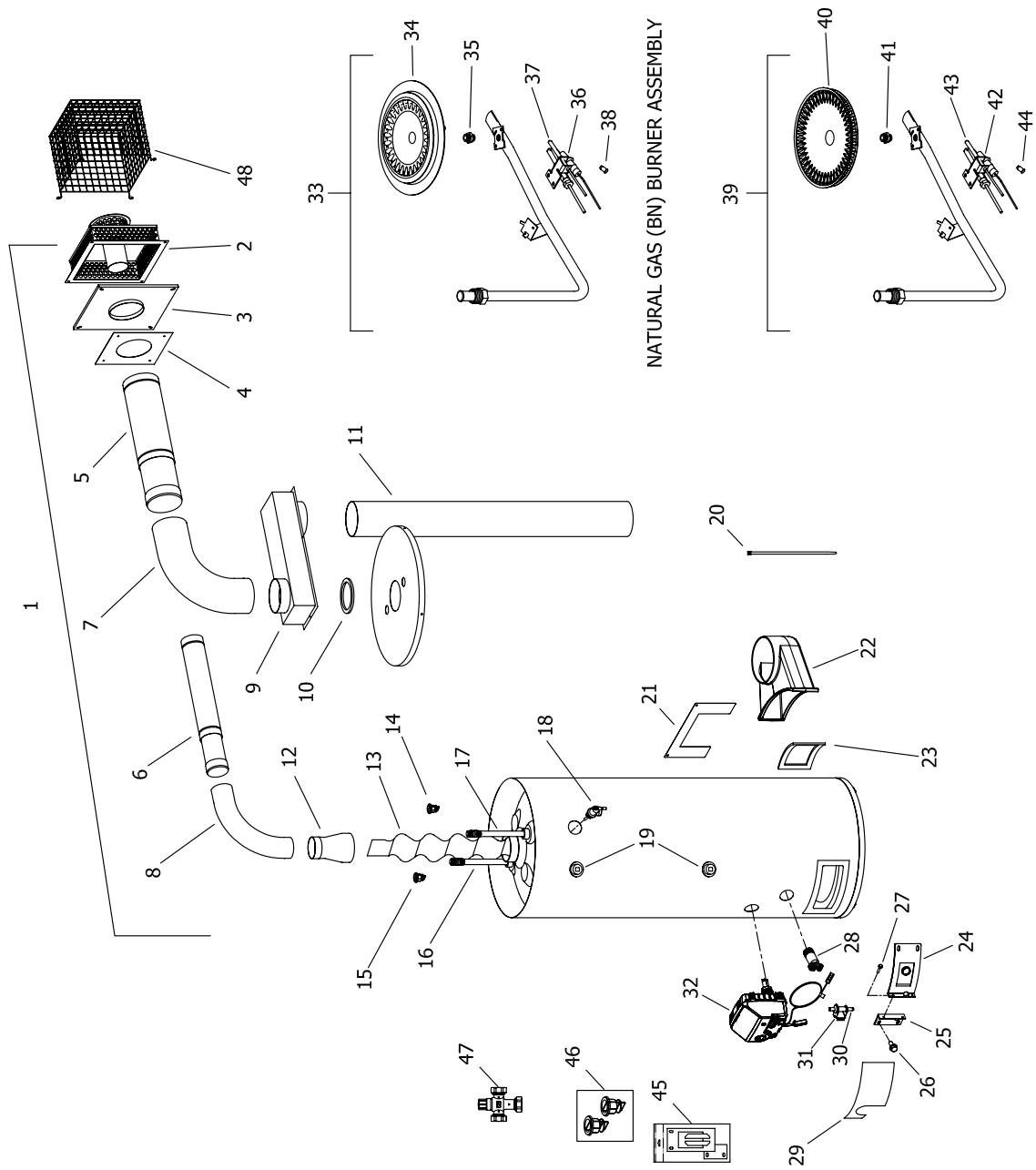
*Applies to all warranties

**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 15

▲▲ Order with item 14



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 DH1504T*F(BN,SX) (-ONLY,-FLEX,-SOLID)	Model DH165T*F(BN, SX) (-ONLY,-FLEX,-SOLID)	Model DH175S*F(BN,SX) (-ONLY,-FLEX,-SOLID)
<u>Natural Gas BN Burner Assembly</u>				
33	Nat. Gas Burner Assembly Complete***	265-47970-01-31	265-47970-02-30	265-47970-03-29
34	Nat. Gas BN Burner**	228-42506-00	228-42506-00	228-42506-00
35	Nat. Gas Main Burner Orifice**	234-41034-31	234-41034-30	234-41034-29
	Nat. Gas High Altitude 2001 Ft. to 5000 Ft.**	234-41034-33	234-41034-31	234-41034-30
	Nat. Gas High Altitude 5001 Ft. to 8000 Ft.**	234-41034-36	234-41034-32	234-41034-31
	Nat. Gas High Altitude Over 8000 Ft.**	234-41034-38	234-41034-33	234-41034-31
36	Nat. Gas Pilot Assembly (White Rodgers)**	233-46277-04	233-46277-04	233-41062-03
	Nat. Gas Pilot Assembly (Honeywell)**	233-48077-03	233-48077-03	233-48077-03
37	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
38	Nat. Gas Pilot Orifice (White Rodgers)**	234-46502-05	234-46502-05	234-46502-05
<u>LP Gas SX Burner Assembly</u>				
<u>Replacement for LP Gas Cast Iron Burner</u>				
39	LP Gas Burner Assembly Complete***	265-47972-01-47	265-47972-02-46	265-47972-03-43
40	LP Gas SX Burner**	228-47000-00	228-47000-00	228-47000-00
41	LP Gas SX Main Burner Orifice**	234-47064-47	234-47064-46	234-47064-43
	LP Gas SX High Altitude 2001 Ft. to 5000 Ft.**	234-47064-49	234-47064-48	234-47064-46
	LP Gas SX High Altitude 5001 Ft. to 8000 Ft.**	234-47064-50	234-47064-49	234-47064-47
	LP Gas SX High Altitude Over 8000 Ft. **	234-47064-51	234-47064-50	234-47064-47
42	LP Gas SX Pilot Assembly (White Rodgers)**	233-46278-03	233-46278-03	233-41063-03
	LP Gas SX Pilot Assembly (Honeywell)**	233-48078-03	233-48078-03	233-48078-03
43	Thermocouple (White Rodgers)**	233-46501-24	233-46501-24	233-46501-24
44	LP Gas SX Pilot Orifice (White Rodgers)**	234-46502-02	234-46502-02	233-46502-02
45	Inner Door Gasket Kit	239-44078-00	239-44078-00	239-47792-00
46	Heat Trap Insert Kit	265-45419-00	265-45419-00	265-45419-00
47	ASSE Approved Mixing Valve (Optional)	239-43740-01	239-43740-01	239-43740-01
48	Direct Vent-Air Intake Terminal Guard (Optional)	239-41453-00	239-41453-00	239-41453-00
-	LP to Natural Gas Conversion Kit (Norm Alt.)	265-45712-53	265-45712-54	265-45712-55
-	LP to Natural Gas Conversion Kit (High Alt.)	265-45712-58	265-45712-59	265-45712-60

*Applies to all warranties

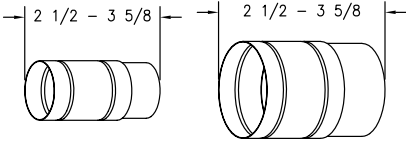
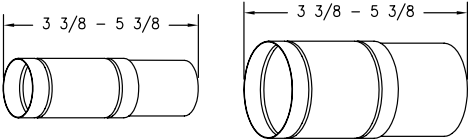
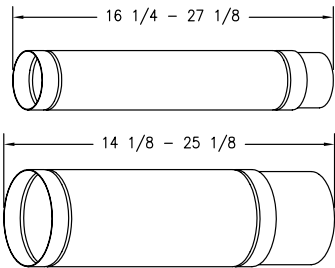
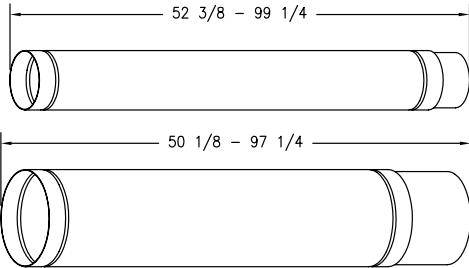
**Inner door gasket kit recommended

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

▲ Order with item 15

▲▲Order with item 14

SOLID VENT KITS

 SILICONE SEALANT  BAG OF MOUNTING HARDWARE  DIRECT VENT-AIR INTAKE KIT F PART NO. 239-42516-00 (OPTIONAL)	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE  DIRECT VENT-AIR INTAKE KIT G PART NO. 239-42517-00 (OPTIONAL)
 SILICONE SEALANT  BAG OF MOUNTING HARDWARE  DIRECT VENT-AIR INTAKE KIT H PART NO. 239-42514-00 (OPTIONAL) ABOVE TUBE LENGTHS SUPPLIED WITH HEATER	 SILICONE SEALANT  BAG OF MOUNTING HARDWARE  DIRECT VENT-AIR INTAKE KIT I PART NO. 239-42512-00 (OPTIONAL)

SOLID VENT KITS

Horizontal "X"

	16 1/4 17 3/16	18 20 11/16	25 1/4 35 3/16	37 3/4 57 7/8	61 5/16 107 5/16
11 9/16	order kit F 239-42516-00	order kit G 239-42517-00	no add'l kit req'd	order kit H 239-42514-00	order kit I 239-42512-00
16 5/16 17 1/4	order kit F *(2) 239-42516-00	order kit F & G 239-42516-00 239-42517-00	order kit F 239-42516-00	order kit F & H 239-42516-00 239-42514-00	order kit F & I 239-42516-00 239-42512-00
18 1/16 20 3/4	order kit F & G 239-42516-00 239-42517-00	order kit G *(2) 239-42517-00	order kit G 239-42517-00	order kit G & H 239-42517-00 239-42514-00	order kit G & I 239-42517-00 239-42512-00
25 5/16 35 1/4	order kit F 239-42516-00	order kit G 239-42517-00	order kit H 239-42514-00	order kit H *(2) 239-42514-00	order kit I 239-42512-00
38 1/16 57 15/16	order kit F & H 239-42516-00 239-42514-00	order kit G & H 239-42517-00 239-42514-00	order kit H *(2) 239-42514-00	order kit H *(3) 239-42514-00	order kit H & I 239-42514-00 239-42512-00
61 3/8 107 3/8	order kit F & I 239-42516-00 239-42512-00	order kit G & I 239-42517-00 239-42512-00	order kit I 239-42512-00	order kit H & I 239-42514-00 239-42512-00	order kit I *(2) 239-42512-00

Vertical "Y"

*(2) = Order two kits

*(3) = Order three kits

FLEXIBLE VENT KITS

Vertical Vent Height + Horizontal Vent Length	Kit Part Number
Less than 100 inches	239-47813-00
More than 100 inches	N/A*

*Do not attempt to use flexible vent hose at a distance greater than 100 inches.



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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