



BRADFORD WHITE[®]
W A T E R H E A T E R S

**RESIDENTIAL AND LIGHT DUTY COMMERCIAL
GAS REPLACEMENT PARTS LIST**

Energy Saver Models



Models Covered:
GX225S*(BN,SX)
GX155S*(BN,SX)
M1XR65T*(EN,BN,SX,CX)
MI75S*(BN,SX,CX,CN)
M2XR75S*(BN,SX,CX,CN)
MI100T*(BN,CX,CN)
55X80(B,S)3(N,X)
65T65*(B,E)*(N,X)
75T80*(B,S)*(N,X)
100T88*(B)*(N,X)
*Denotes warranty year

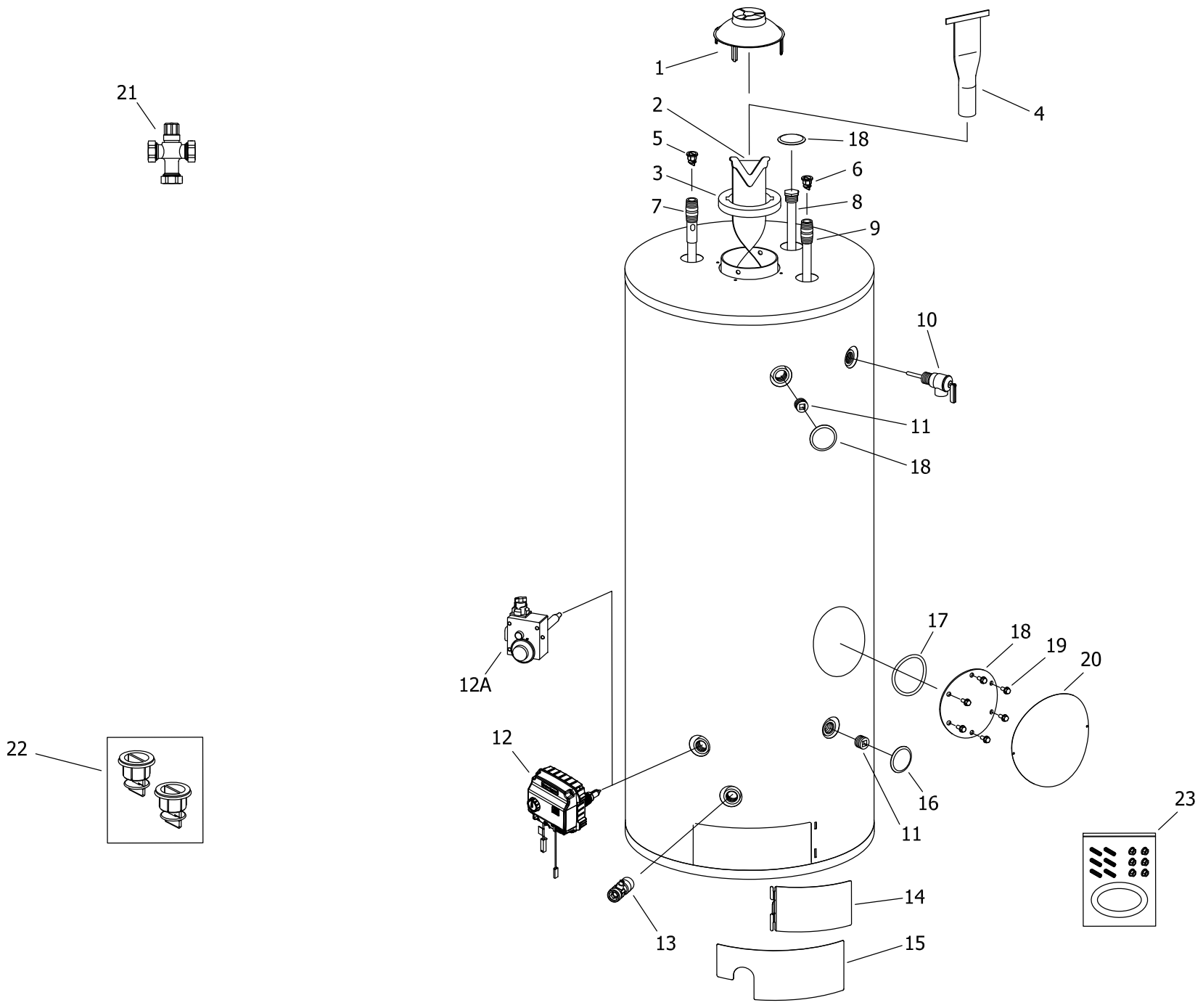
Effective: October, 2024
ECO 8780

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

Dimensions and specifications
subject to change without notice.

WARNING
CANCER AND REPRODUCTIVE HARM
WWW.P65WARNINGS.CA.GOV

As required by the state of California Proposition 65.



Item	Description	Model	Model	Model	Model	Model
		GX225S*(BN,SX)	GX155S*(BN,SX)	M1XR65T*(EN,BN,SX,CX)	MI75S*(BN,SX,CX,CN)	M2XR75S*(BN,SX,CX,CN)
1	Draft Diverter	243-33081-02-20	243-33081-02-20	243-33081-02-20	239-12950-00	239-12950-00
2	Flue Baffle	---	---	243-44649-00	243-47379-00	243-47379-00
3	Flue Reducer	243-42572-00	243-42572-00	243-36920-00	243-36920-00	243-36920-00
4	Flue Core	239-45676-00	239-45676-00	---	---	---
5	Heat Trap Insert (Outlet)	---	---	415-45167-00	---	---
6	Heat Trap Insert (Inlet)	---	---	415-45167-00	---	---
7	Hot Water Outlet Anode Magnesium ► #	415-55482-00	415-55482-00	415-55482-00	---	---
	Hot Water Outlet Anode Aluminum ► #	415-55484-00	415-55484-00	415-55484-00	---	---
	Hot Water Outlet Anode A420 Aluminum ► #	415-55486-00	415-55486-00	415-55486-00	---	---
8	Plug Type Anode Magnesium #	415-55483-00	415-55483-00	---	415-55483-00	415-55483-00
	Plug Type Anode Aluminum (A420) #	415-55487-00	415-55487-00	---	415-55487-00	415-55487-00
9	Cold Water Inlet Diptube (NC Code) ◀	415-45092-02	415-45092-02	415-51230-08	415-47040-01	415-47040-01
10	T&P Relief Valve	415-40594-02	415-32920-01	415-32920-01	415-32920-01	415-40594-02
11	3/4" NPT Plug	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00
12	Resideo Gas Control Direct Replacement Natural Gas	---	---	---	415-52907-01	415-52907-02
	Resideo Gas Control Direct Replacement LP Gas	---	---	---	415-52909-02	415-52909-02
12A	White Rodgers Combination Gas Valve Natural Gas	265-47444-02	265-47444-01	265-46181-03	265-46181-03	---
	White Rodgers Combination Gas Valve LP Gas	265-47445-02	265-47445-01	265-46182-03	265-46182-03	---
13	Brass Drain Valve	415-42351-02	415-42351-02	415-42351-02	415-42351-02	415-42351-02
14	Inner Door Complete	243-46049-00	243-46049-00	243-36739-02	243-39207-00	243-39207-00
15	Outer Door	243-41061-00	243-41061-00	243-41061-00	243-37177-00	243-37177-00
16	Hole Closure	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02
17	Cleanout O-Ring Gasket	---	---	---	---	---
18	Cleanout Cover	---	---	---	---	---
19	Cleanout Cover Screw (qty. 6)	---	---	---	---	---
20	Cleanout Access Cover	---	---	---	---	---
21	ASSE Approved Mixing Device	239-51778-00	239-51778-00	239-51778-00***	239-51778-00***	239-51778-00***
22	Kit-Heat Trap Insert	---	---	265-51572-00	---	---
23	Kit-Cleanout (Not For Use With ASME Tanks)	---	---	---	---	---

* All warranties

** Ordering a complete burner assy may increase delivery time.

*** ASSE Approved Mixing Device optional on these models.

Please order the specific component req'd for the quickest delivery

Anode may need to be cut to length. See page 14.

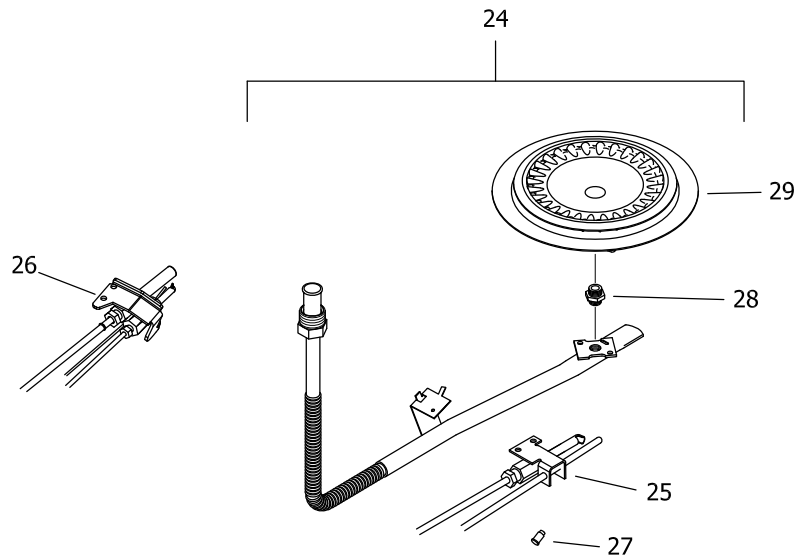
► Order with item 5

◀ Order with item 6

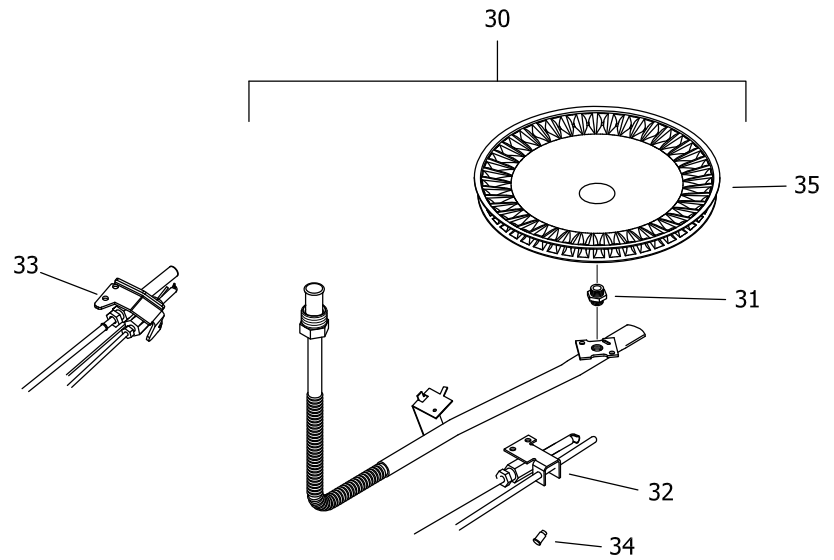
⁰ Serial # prior to EF10694503

² Serial # prior to FE11932653

⁴ Serial # FM12747341 and after.



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

Item Description	Model GX225S*(BN,SX)	Model GX155S*(BN,SX)	Model M1XR65T*(EN,BN,SX,CX)	Model MI75S*(BN,SX,CX,CN)	Model M2XR75S*(BN,SX,CX,CN)
Natural Gas BN Burner Assembly					
24 Nat. Gas Burner Assembly Complete (Resideo)**■	---	---	---	265-46998-03-22 ¹	265-46998-01-22 ¹
Nat. Gas Burner Assembly Complete (White Rodgers)**■	265-46004-01-21	265-46004-03-20	265-47439-08-27	265-43979-02-22 ⁰	265-43979-03-21 ⁰
Nat. Gas Burner Assembly Complete (Resideo)**■	---	---	---	---	---
25 Nat. Gas Pilot Assembly (White Rodgers)	233-40248-05	233-40248-05	233-40248-05	233-40248-05 ⁰	233-40248-05 ⁰
26 Nat. Gas Pilot Assembly Kit (Resideo)	---	---	---	415-47845-05 ¹	415-47845-05 ¹
27 Nat. Gas Pilot Orifice (Resideo)	---	---	---	---	---
Nat. Gas Pilot Orifice (White Rodgers)	234-46502-03	234-46502-03	234-46502-03	234-46502-03 ⁰	234-46502-03 ⁰
28 Nat. Gas Main Burner Orifice (0ft to 2000ft)	234-41034-21	234-41034-20	234-41034-27	234-41034-22	234-41034-22
Nat. Gas High Altitude (2001ft to 5000ft)	234-41034-24	234-41034-22	234-41034-29	234-41034-26	234-41034-26
Nat. Gas High Altitude (5001ft to 8000ft)	234-41034-24	234-41034-22	234-41034-30	234-41034-26	234-41034-26
Nat. Gas High Altitude (8001ft & above)	234-41034-28	234-41034-27	234-41034-31	234-41034-30	234-41034-30
29 Nat. Gas Burner	228-42506-00	228-42506-00	228-42506-00	228-42506-00	228-42506-00
LP Gas SX Burner Assembly					
30 LP Gas Burner Assembly Complete**■	265-47037-01-38	265-47037-03-38	265-47440-14-43	265-47011-03-38	265-47011-02-38
31 LP Gas Main Burner Orifice (0ft to 2000ft)	234-47064-38	234-47064-38	234-47064-43	234-47064-38	234-47064-38
LP Gas High Altitude (2001ft to 5000ft)	234-47064-42	234-47064-42	234-47064-44	234-47064-42	234-47064-42
LP Gas High Altitude (5001ft to 8000ft)	234-47064-43	234-47064-43	234-47064-47	234-47064-43	234-47064-43
LP Gas High Altitude (8001ft & above)	234-47064-43	234-47064-43	234-47064-47	234-47064-43	234-47064-43
32 LP Gas Pilot Assembly (White Rodgers)	233-40261-03	233-40261-03	233-40261-03	---	---
33 Kit-LP Gas Pilot Assembly (Resideo)	---	---	---	265-47449-00 ¹	265-47449-00 ¹
34 LP Gas Pilot Orifice	234-46502-01	234-46502-01	234-46502-01	234-47098-02 ¹	234-47098-02 ¹
35 LP Gas SX Burner	228-46938-00	228-46938-00	228-47000-00	228-46938-00 ¹	228-46938-00 ¹
Thermocouple	415-46501-24	415-46501-24	415-46501-24	415-46501-24	415-46501-24
Kit-LP to NAT conversion (0ft to 2000ft)	265-45713-03	265-45713-04	265-45713-01	265-53403-27	265-53403-29
Kit-LP to NAT conversion (2001ft to 5000ft)	265-45713-05	265-45713-06	265-45713-02	265-53403-28	265-53403-30

*All warranties

**Ordering a complete burner assy may increase delivery time.

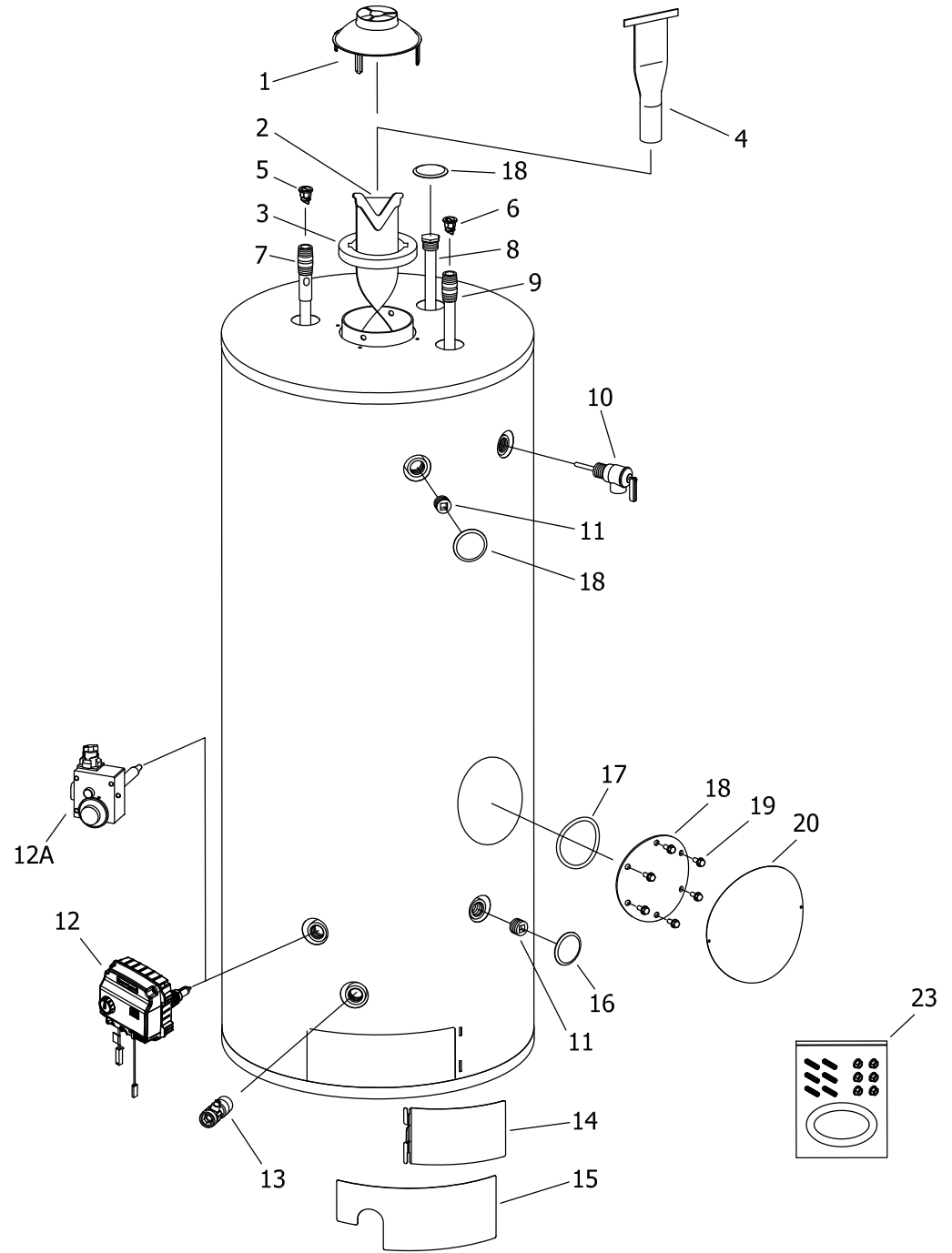
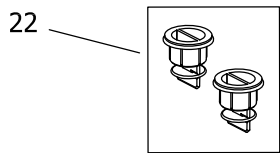
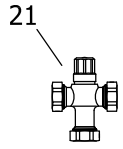
Please order the specific component req'd for the quickest delivery

■ Replace entire cast iron burner assembly with universal stainless steel burner assembly

⁰ Serial # prior to EF10694503

¹ Serial # EF10694504 and after

² Serial # prior to FE11932653



Item	Description	Model	Model	Model	Model	Model	Model	Model
		MI100T*(CX,CN)	MI100T*(BN,SX)	25X78(B,S)3(N,X)	55X80(B,S)3(N,X)	65T65*(B,E)*(N,X)	75T80*(B,S)*(N,X)	100T88*(B)*(N,X)
1	Draft Diverter	243-33081-01-20	243-33081-01-20	243-33081-02-20	243-33081-02-20	243-33081-02-20	239-12950-00	243-33081-01-20
2	Flue Baffle	---	---	---	---	243-44649-00	243-47379-00	---
3	Flue Reducer	243-36920-00	243-36920-00	243-42572-00	243-42572-00	243-36920-00	243-36920-00	243-36920-00
4	Flue Core	---	---	239-45676-00	239-45676-00	---	---	---
5	Heat Trap Insert (Outlet)	---	---	---	---	415-45167-00	---	---
6	Heat Trap Insert (Inlet)	---	---	---	---	415-45167-00	---	---
7	Hot Water Outlet Anode Magnesium ► #	---	---	415-55482-00	415-55482-00	415-55482-00	---	---
	Hot Water Outlet Anode Aluminum ► #	---	---	415-55484-00	415-55484-00	415-55484-00	---	---
	Hot Water Outlet Anode A420 Aluminum ► #	---	---	415-55486-00	415-55486-00	415-55486-00	---	---
8	Plug Type Anode Magnesium #	415-55483-00	415-55483-00	415-55483-00	415-55483-00	---	415-55483-00	415-55483-00
	Plug Type Anode Aluminum (A420) #	415-55487-00	415-55487-00	415-55487-00	415-55487-00	415-55487-00	415-55487-00	415-55487-00
9	Cold Water Inlet Diptube (NC Code) ◀	415-46993-01	415-46993-01	415-45092-02	415-45092-02	415-39628-04	415-47040-01	415-46993-01
10	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02	415-40594-02	415-32920-01	415-40594-02	415-40594-02
11	3/4" NPT Plug	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00	239-11638-00
12	Resideo Gas Control Direct Replacement Natural Gas	415-52907-02 ⁴	415-52907-02 ⁴	---	---	---	415-52908-02 ⁴	415-52908-02 ⁴
	Resideo Gas Control Direct Replacement LP Gas	415-52909-02 ⁴	415-52909-02 ⁴	---	---	---	415-52910-02 ⁴	415-52910-02 ⁴
12A	White Rodgers Combination Gas Valve Natural Gas	415-40251-07 ² ▲	415-40251-07 ² ▲	265-47444-02	265-47444-01	415-46365-01	415-46365-02 ⁰ ▲	415-46365-04 ⁰ ▲
	White Rodgers Combination Gas Valve LP Gas	415-40258-06 ² ▲	415-40258-06 ² ▲	265-47445-02	265-47445-01	415-46366-01	415-46366-02 ⁰ ▲	415-46366-03 ⁰ ▲
13	Brass Drain Valve	415-42351-04	415-42351-04	415-42351-02	415-42351-02	415-42351-02	415-42351-02	415-42351-04
14	Inner Door Complete	243-39207-00	243-39207-00	243-46049-00	243-46049-00	243-36739-02	243-39207-00	243-39207-00
15	Outer Door	243-37177-00	243-37177-00	243-41061-00	243-41061-00	243-41061-00	243-37177-00	243-37177-00
16	Hole Closure	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02	239-31547-02
17	Cleanout O-Ring Gasket	205-18427-00	205-18427-00	---	---	---	---	205-18427-00
18	Cleanout Cover	205-18428-00	205-18428-00	---	---	---	---	205-18428-00
19	Cleanout Cover Screw (qty. 6)	239-82166-00	239-82166-00	---	---	---	---	239-82166-00
20	Cleanout Access Cover	243-20299-00	243-20299-00	---	---	---	---	243-20299-00
21	ASSE Approved Mixing Device	239-51778-00***	239-51778-00***	239-51778-00	239-51778-00	239-51778-00***	239-51778-00***	239-51778-00***
22	Kit-Heat Trap Insert	---	---	265-51572-00	265-51572-00	265-51572-00	---	---
23	Kit-Cleanout (Not For Use With ASME Tanks)	415-54256-00	415-54256-00	---	---	---	---	415-54256-00

* All warranties

** Ordering a complete burner assy may increase delivery time.

*** ASSE Approved Mixing Device optional on these models.

Please order the specific component req'd for the quickest delivery

Anode may need to be cut to length. See page 14.

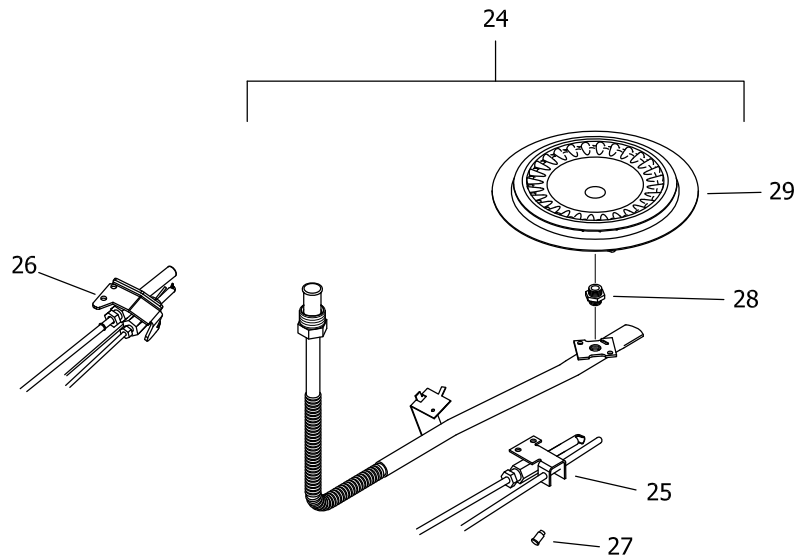
► Order with item 5

◀ Order with item 6

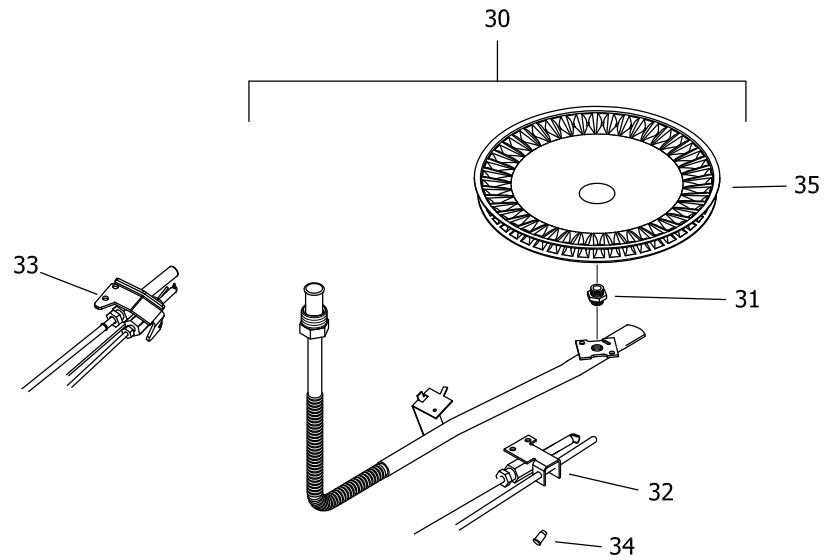
⁰ Serial # prior to EF10694503

² Serial # prior to FE11932653

⁴ Serial # FM12747341 and after.



NATURAL GAS (BN) BURNER ASSEMBLY



LP GAS (SX) BURNER ASSEMBLY

Item Description	Model MI100T*(CX,CN)	Model MI100T*(BN,SX)	Model 25X78(B,S)3(N,X)	Model 55X80(B,S)3(N,X)	Model 65T65*(B,E)*(N,X)	Model 75T80*(B,S)*(N,X)	Model 100T88*(B)*(N,X)
Natural Gas BN Burner Assembly							
24 Nat. Gas Burner Assembly Complete (Resideo)**■	265-46998-02-20	265-46998-02-20	---	---	---	265-46998-01-22	265-46998-02-20 ³
Nat. Gas Burner Assembly Complete (White Rodgers)**■	265-43979-01-20 ²	265-43979-01-20 ²	265-46004-01-21	265-46004-03-20	265-47439-08-27	265-43979-03-21	265-43979-01-20 ²
Nat. Gas Burner Assembly Complete (Resideo)**■	265-48252-01-20 ⁴	265-48252-01-20 ⁴	---	---	---	---	265-48252-01-20 ²
25 Nat. Gas Pilot Assembly (White Rodgers)	233-40248-05 ²	233-40248-05 ²	233-40248-05	233-40248-05	233-40248-05	233-40248-05	233-40248-05 ²
26 Nat. Gas Pilot Assembly Kit (Resideo)	233-46988-04 ³	233-46988-04 ³	---	---	---	415-47845-05	233-46988-04 ³
27 Nat. Gas Pilot Orifice (Resideo)	234-47098-01 ³	234-47098-01 ³	---	---	---	---	234-47098-01 ³
Nat. Gas Pilot Orifice (White Rodgers)	234-46502-03 ²	234-46502-03 ²	234-46502-03	234-46502-03	234-46502-03	234-46502-03	234-46502-03 ²
28 Nat. Gas Main Burner Orifice (0ft to 2000ft)	234-41034-20	234-41034-20	234-41034-21	234-41034-20	234-41034-27	234-41034-22	234-41034-20
Nat. Gas High Altitude (2001ft to 5000ft)	234-41034-22	234-41034-22	234-41034-24	234-41034-22	234-41034-29	234-41034-26	234-41034-22
Nat. Gas High Altitude (5001ft to 8000ft)	234-41034-22	234-41034-22	234-41034-24	234-41034-22	234-41034-30	234-41034-26	234-41034-22
Nat. Gas High Altitude (8001ft & above)	234-41034-27	234-41034-27	234-41034-28	234-41034-27	234-41034-31	234-41034-30	234-41034-27
29 Nat. Gas Burner	228-42506-00	228-42506-00	228-42506-00	228-42506-00	228-42506-00	228-42506-00	228-42506-00
LP Gas SX Burner Assembly							
30 LP Gas Burner Assembly Complete**■	---	265-48255-01-35	265-47037-01-38	265-47037-03-38	265-47440-14-43	265-48254-02-38	---
31 LP Gas Main Burner Orifice (0ft to 2000ft)	234-47064-35 ³	234-47064-35 ³	234-47064-38	234-47064-38	234-47064-43	234-47064-38	234-47064-35 ³
LP Gas High Altitude (2001ft to 5000ft)	234-47064-39 ³	234-47064-39 ³	234-47064-42	234-47064-42	234-47064-44	234-47064-42	234-47064-39 ³
LP Gas High Altitude (5001ft to 8000ft)	234-47064-40 ³	234-47064-40 ³	234-47064-43	234-47064-43	234-47064-47	234-47064-43	234-47064-40 ³
LP Gas High Altitude (8001ft & above)	234-47064-41 ³	234-47064-41 ³	234-47064-43	234-47064-43	234-47064-47	234-47064-43	234-47064-41 ³
32 LP Gas Pilot Assembly (White Rodgers)	---	---	233-40261-03	233-40261-03	233-40261-03	---	---
33 Kit-LP Gas Pilot Assembly (Resideo)	233-46989-04 ³	233-46989-04 ³	---	---	---	265-47449-00	233-46989-04 ³
34 LP Gas Pilot Orifice	234-47098-02 ³	234-47098-02 ³	234-46502-01	234-46502-01	234-46502-01	234-47098-02	234-47098-02 ³
35 LP Gas SX Burner	228-46938-00 ³	228-46938-00 ³	228-46938-00	228-46938-00	228-47000-00	228-46938-00	228-46938-00 ³
Thermocouple	415-46501-24	415-46501-24	415-46501-24	415-46501-24	415-46501-24	415-46501-24	415-46501-24
Kit-LP to NAT conversion (0ft to 2000ft)	265-53403-02	265-53403-02	265-45713-03	265-45713-04	---	265-53403-31	265-53403-01
Kit-LP to NAT conversion (2001ft to 5000ft)	265-53403-04	265-53403-04	265-45713-05	265-45713-06	---	265-53403-32	265-53403-03

*All warranties

**Ordering a complete burner assy may increase delivery time.

Please order the specific component req'd for the quickest delivery

■ Replace entire cast iron burner assembly with universal stainless steel burner

⁰ Serial # prior to EF10694503

¹ Serial # EF10694504 and after

² Serial # prior to FE11932653

³ Serial # FE11932654 to FM12747340

⁴ Serial # FM12747341 and after.



United States

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

Canada

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