



Exterior Tankless Gas Replacement Parts List



TG-150E-(N,X)
TG-180E-(N,X)
TG-199E-(N,X)
TG-237E-(N,X)(A)

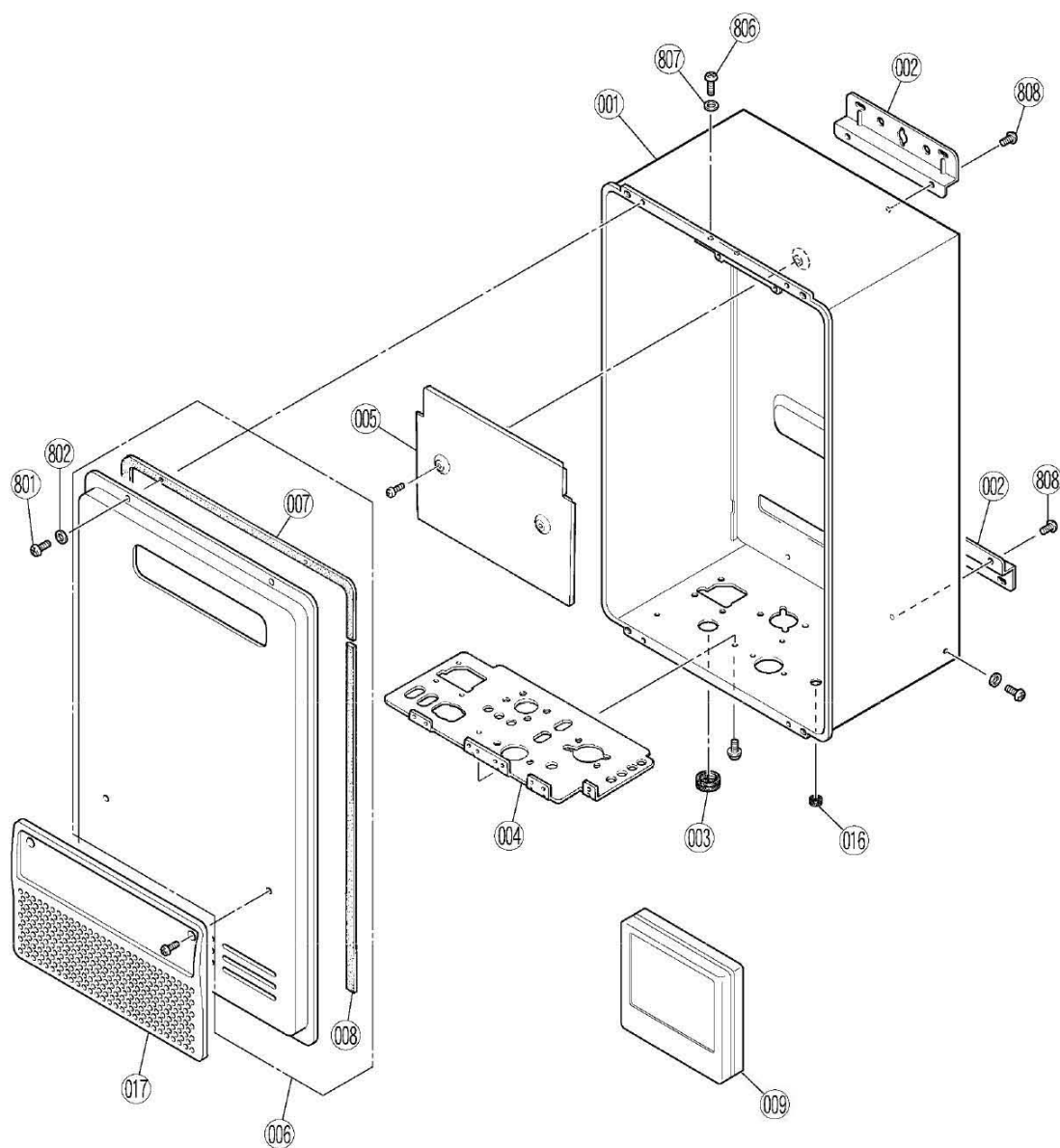


Effective: August, 2009
ECO 7463

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

Dimensions and specifications
subject to change without notice.

TG-150E, TG-180E, & TG-199E Models

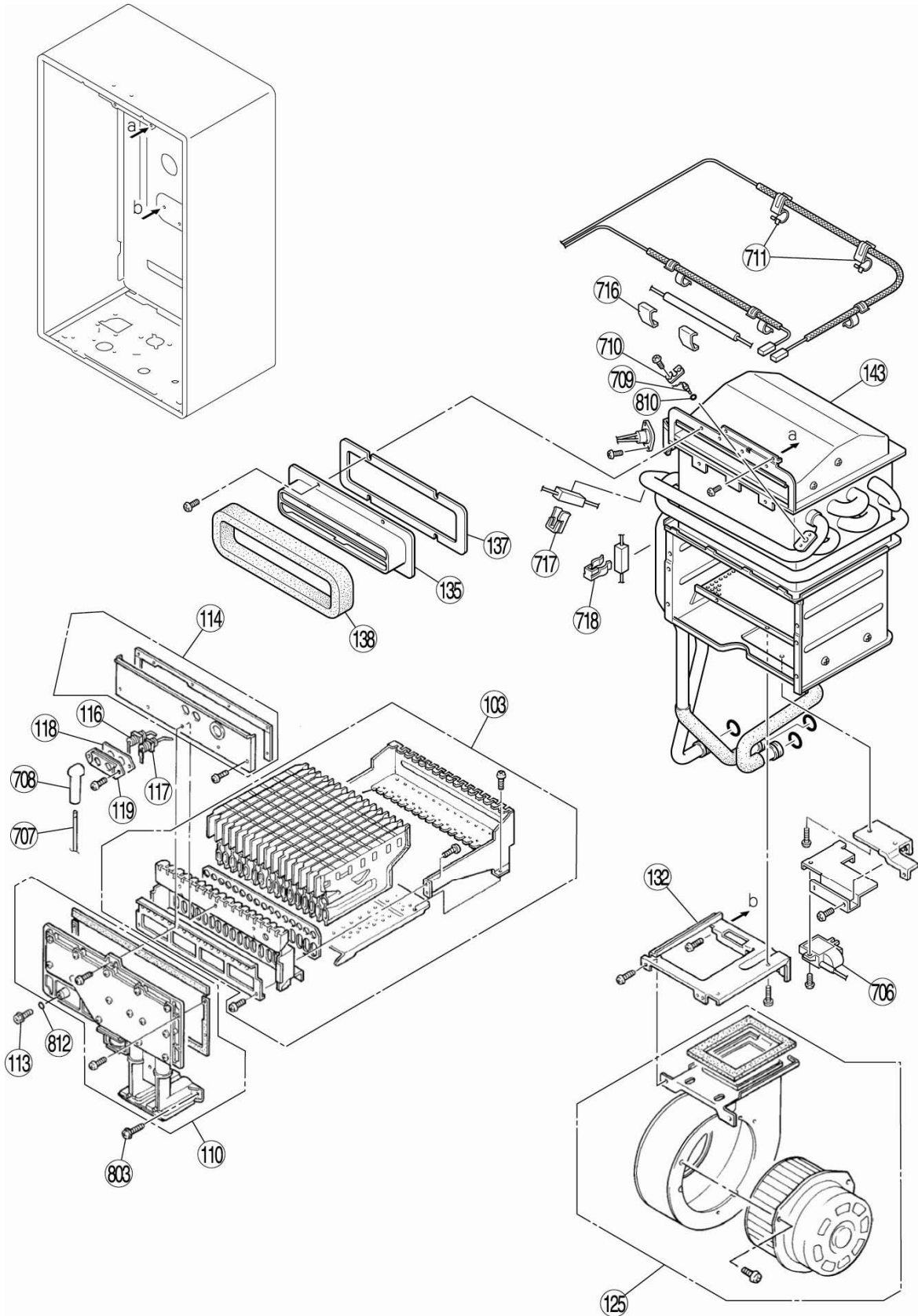


Item	Description	Model TG-150E-(N,X)	Model TG-180E-(N,X)	Model TG-199E-(N,X)
001	Main Body	109000090	109000090	109000090
002	Wall Fitting Bracket	BU195-121	BU195-121	BU195-121
003	Rubber Bushing	U245-125	U245-125	U245-125
004	Connection Reinforcement Panel	109000023	109000023	109000023
005	Heat Protection Plate	U245-107	U245-107	U245-107
006	Front Panel	109000091	109000091	109000091
007	Front Panel Packing	U245-3185-2	U245-3185-2	U245-3185-2
008	Main Body Packing Side	U245-3185-1	U245-3185-1	U245-3185-1
009	Main Remote Controller	239-47806-00*	239-47806-00*	239-47806-00*
016	Rubber Bushing	AU105-113	AU105-113	AU105-113
017	Decoration Panel	U245-1410	U245-1410	U245-1410
801	Screw	CP-30580	CP-30580	CP-30580
802	Resin Washer	CF83-41430	CF83-41430	CF83-41430
806	Screw	109000025	109000025	109000025
807	Resin Washer	AU48-174	AU48-174	AU48-174
808	Screw	CP-30583	CP-30583	CP-30583

*Denotes component is stocked by Bradford White Corporation.

▲ Component to be replaced by 105000067, upon inventory depletion.

TG-150E, TG-180E, & TG-199E Models

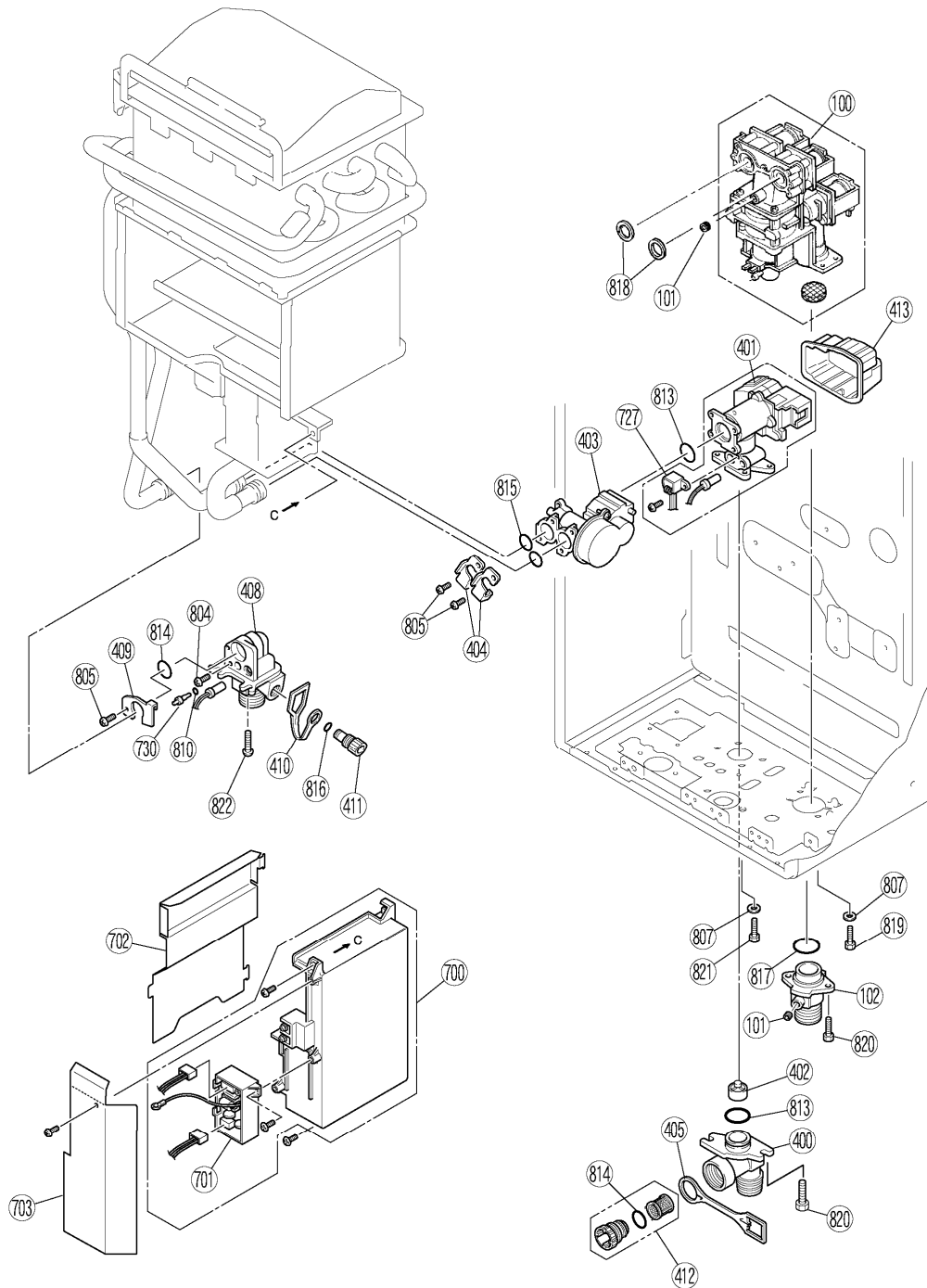


Item	Description	Model	Model	Model
		TG-150E-(N,X)	TG-180E-(N,X)	TG-199E-(N,X)
103	24 Burner Unit Assembly (LPG)	106000011	106000011	106000011
	24 Burner Unit Assembly (NG)	106000012	106000012	106000012
110	Manifold Assembly (LPG)	106000013	106000013	106000013
	Manifold Assembly (NG)	106000015	106000015	106000015
113	Pressure Point Sealing Screw	C10D-5	C10D-5	C10D-5
114	Combustion Chamber Front Panel	106000016	106000016	106000016
116	Electrode	104000023*	104000023*	104000023*
117	Flame Rod Kit	104000022*	104000022*	104000022*
118	Electrode Packing	AH66-398X01	AH66-398X01	AH66-398X01
119	Electrode Holder	AH66-393	AH66-393	AH66-393
125	Fan Motor All Assembly	104000045*	104000062*	104000062*
132	Combustion Chamber Bracket	U245-255X01	U245-255X01	U245-255X01
135	Air Inlet Box All Assembly	108000012	108000012	108000012
137	Connecting Joint	U245-1122	U245-1122	U245-1122
138	Joint Fixing Bracket	109000017	109000017	109000017
143	Heat Exchanger Assembly	104000044*	104000033*	104000031*
706	Igniter	105000068*	105000068*	105000068*
707	High Tension Cord	105000019	105000019	105000019
708	Electrode Sleeve	AU206-218	AU206-218	AU206-218
709	Thermistor	105000020	105000020	105000020
710	Retainer (large)	CP-90172	CP-90172	CP-90172
711	Temperature Fuse Fixing Plate	U217-676X02	U217-676X02	U217-676X02
716	Heater Fixing Plate B	CF29-742	CF29-742	CF29-742
717	Heater Fixing Plate A	AU111-653	AU111-653	AU111-653
718	Heater Fixing Plate C	AU100-721	AU100-721	AU100-721
803	Screw	108000021*	108000021*	108000021*
810	O-ring	M10B-2-4*	M10B-2-4*	M10B-2-4*
812	O-ring	M10B-13-4	M10B-13-4	M10B-13-4

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TG-150E, TG-180E, & TG-199E Models

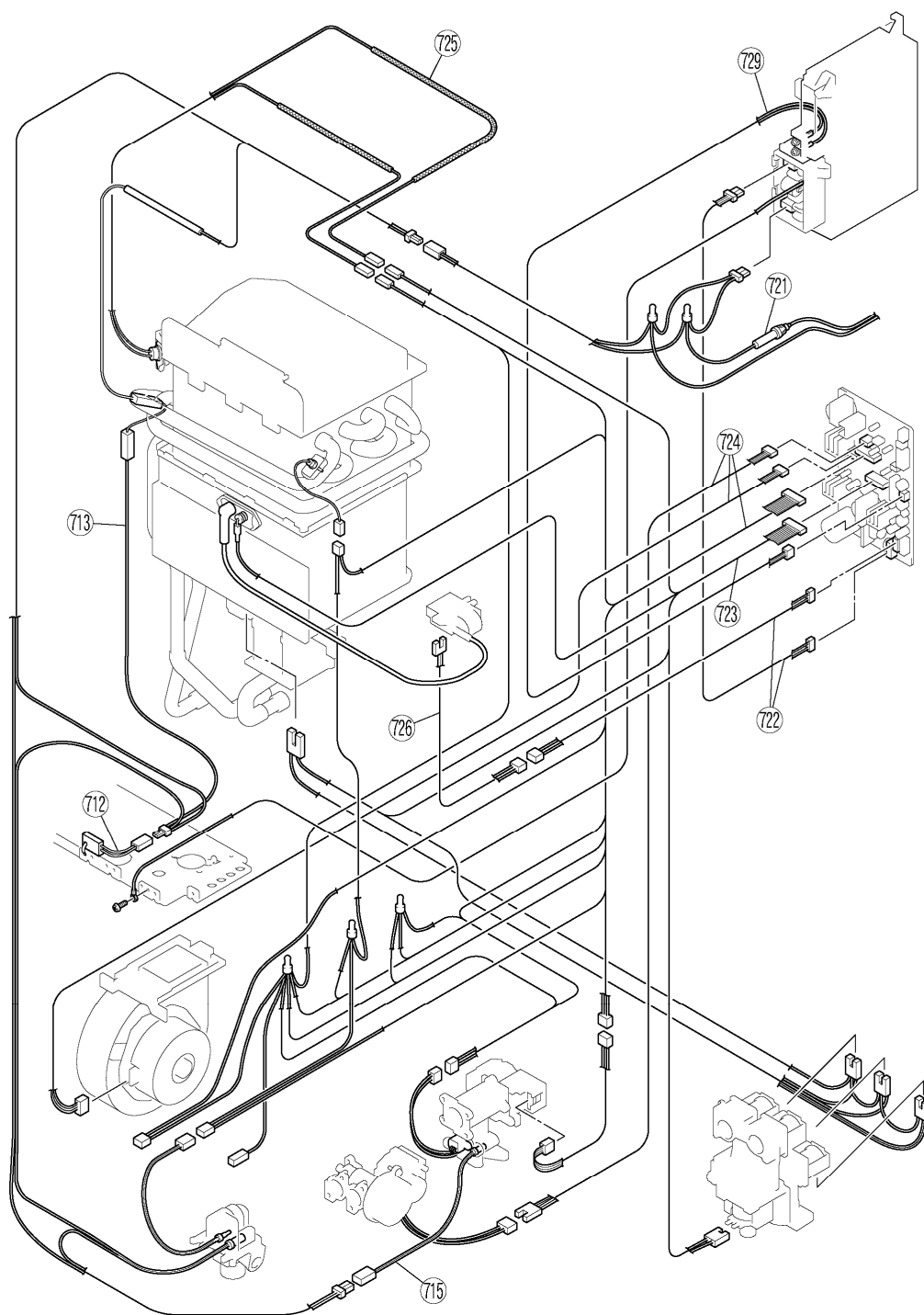


Item	Description	Model TG-150E-(N,X)	Model TG-180E-(N,X)	Model TG-199E-(N,X)
100	Gas Control Assembly	104000043*	104000021*	104000021*
101	Test Port Screw	AU38-965X01	AU38-965X01	AU38-965X01
102	3/4" NPT Gas Inlet	CU195-1866	CU195-1866	CU195-1866
400	3/4" NPT Water Inlet B	H73-501	H73-501	H73-501
401	Water Flow Servo & Sensor Assembly	104000046*	104000029*	104000028*
402	Rectifier	M8D1-15X01	M8D1-15X01	M8D1-15X01
403	By-pass Servo Assembly	M6J-1-4*	M6J-1-4*	M6J-1-4*
404	Stop Bracket	AU195-321X01	AU195-321X01	AH69-310
405	Plug Band	109000018	109000018	109000018
408	3/4 Hot Water Outlet	U245-865-3	U245-865-3	U245-865-3
409	Stop Bracket	AU162-1876X01	AU162-1876X01	AU162-1876X01
410	Plug Band (small)	109000019	109000019	109000019
411	Drain Valve	107000021	107000021	107000021
412	Filter Plug Assembly	H98-510-S*	H98-510-S*	H98-510-S*
413	Cover	109000020	109000020	109000020
700	Printed Circuit Board Assembly	104000047*	104000131*	104000063*
701	Surge Protector	105000067*	105000067*	105000067*
	Surge Protector with Terminal (Optional)	104000057	104000057	104000057
702	PCB Cover - Side	105000016	105000016	105000016
703	PCB Cover - Front	105000017	105000017	105000017
727	Flow Sensor	105000041*	105000041*	105000041*
730	Thermistor	H111-650*	H111-650*	H111-650*
804	Thermistor Stop Screw	U217-449	U217-449	U217-449
805	Screw	ZAA0408UK	ZAA0408UK	ZAA0408UK
807	Resin Washer	AU48-174	AU48-174	AU48-174
810	O-ring	M10B-2-4*	M10B-2-4*	M10B-2-4*
813	O-ring	M10B-2-18*	M10B-2-18*	M10B-2-18*
814	O-ring	M10B-2-16*	M10B-2-16*	M10B-2-16*
815	O-ring	M10B-2-14*	M10B-2-14*	M10B-2-14*
816	O-ring	M10B-2-7*	M10B-2-7*	M10B-2-7*
817	O-ring	M10B-1-24	M10B-1-24	M10B-1-24
818	Packing	C36E1-6*	C36E1-6*	C36E1-6*
819	Screw	ZQAA0512UK	ZQAA0512UK	ZQAA0512UK
820	Screw	ZQAA0514UK	ZQAA0514UK	ZQAA0514UK
821	Screw	ZQAA0508UK	ZQAA0508UK	ZQAA0508UK
822	Screw	ZBA0512UK	ZBA0512UK	ZBA0512UK

*Denotes component is stocked by Bradford White Corporation.

▲ Component to be replaced by 105000067, upon inventory depletion.

TG-150E, TG-180E, & TG-199E Models



Item	Description	Model TG-150E-(N,X)	Model TG-180E-(N,X)	Model TG-199E-(N,X)
712	Frost Sensing Switch	U242-511	U242-511	U242-511
713	Anti Frost Heater (120V)	105000023	105000023	105000023
715	Valve Heater (120V) Assembly	105000024	105000024	105000024
721	Fuse Harness(FF)	105000070	105000070	105000070
722	Power Harness	105000033	105000033	105000033
723	Solenoid Valve Harness	105000034	105000034	105000034
724	Sensor Harness	105000038	105000038	105000037
725	Thermal Fuse Harness	105000039	105000039	105000039
726	Sparker Harness	105000040	105000040	105000040
729	Remote Controller Harness	105000042	105000042	105000042

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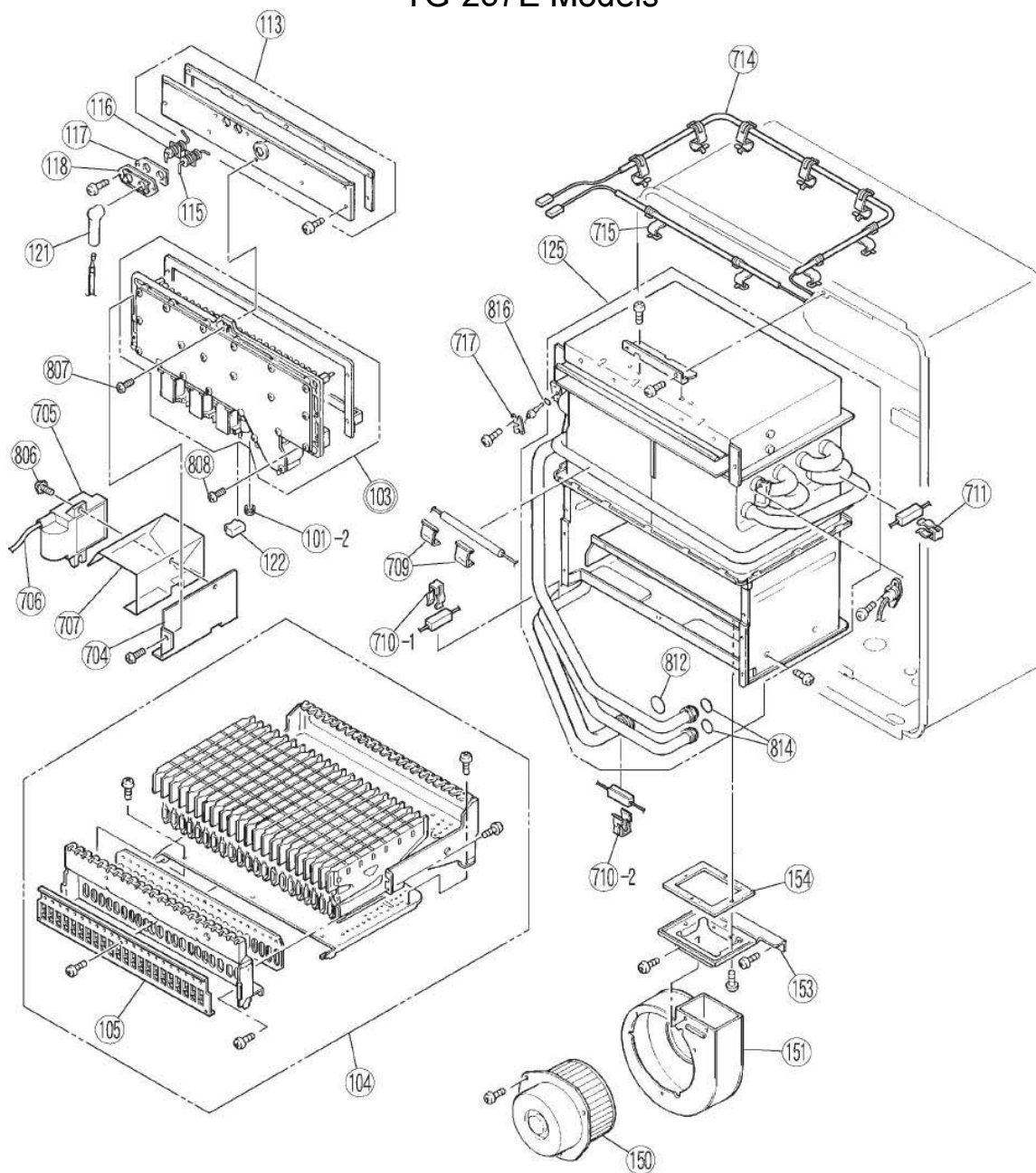
This exploded view diagram illustrates the assembly of a refrigerator door. The main door panel (001) is shown with its internal structure, including the hinge mechanism (002, 003, 004, 005) and the handle (007-1, 007-2). The door is shown in an open position, revealing the internal components and the hinge mechanism. The diagram includes numerous numbered callouts (001-009, 010-018, 800-805, 131-133) that identify specific parts and their assembly points. The components are shown in an exploded view, allowing for a clear understanding of the assembly process. The diagram is a technical drawing, likely from a service manual or parts catalog, used for identifying and ordering replacement parts.

Item	Description	Model	Model
		TG-237E-(N,X)	TG-237E-(N,X)A
001	Main Body	109000067	109000067
002	Heat Protection Plate	H73-065	H73-065
004	Front Panel Assembly	109000069	109000069
007	Wall Fitting Bracket	BU195-121	BU195-121
009	Main Remote Controller	239-47806-00*	239-47806-00*
010	Front Panel Packing-Top	BU195-167	BU195-167
011	Front Panel Packing-Side	AU103-106	AU103-106
012	Connection Reinforcement Panel	U273-115	U273-115
014	Seal Packing	AU105-113	AU105-113
017	Rubber Bushing	CF79-41020-A	CF79-41020-A
018	Reinforcement Plate	U273-113	U273-113
131	Flue Outlet	U211-351	U211-351
132	Packing	U211-352	U211-352
133	Packing	AH24-653-4	AH24-653-4
800	Screw	CP-30580	CP-30580
801	Washer	AU33-184	AU33-184
802	Screw	ZBD0508UD	ZBD0508UD
803	Washer	AU48-174	AU48-174
804	Screw	ZFDB0408UD	ZFDB0408UD
805	Screw	CP-30583	CP-30583

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TG-237E Models



Item	Description	Model	Model
		TG-237E-(N,X)	TG-237E-(N,X)A
101	Screw	AU39-965	AU39-965
103	Manifold Assembly (LPG)	U273-200-AX01*	U273-200-AX01*
	Manifold Assembly (NG)	U273-200-BX02*	U273-200-BX02*
104	Burner Unit Assembly (LPG)	U273-240-B*	U273-240-B*
	Burner Unit Assembly (NG)	106000024*	106000024*
105	Damper (LPG)	U273-235	U273-235
	Damper (NG)	106000025	106000025
113	Combustion Chamber Front Plate	U211-266-2	U211-266-2
115	Electrode	104000023*	104000023*
116	Flame Rod	U250-295*	U250-295*
117	Electrode Packing	AH66-398	AH66-398
118	Electrode Holder	AH66-393	AH66-393
121	Electrode Sleeve	AU206-218	AU206-218
122	Solenoid Valve Cover	U211-1027	U211-1027
125	Heat Exchanger Complete Assembly	104000049*	104000049*
150	Blower Motor	U250-565	U250-565
151	Fan Casing Assembly	CH51-615	CH51-615
153	Fan Connecting Bracket	U273-335	U273-335
154	Fan Connecting Packing	U211-552	U211-552
704	Igniter Bracket	U273-225	U273-225
705	Igniter	105000068*	105000068*
706	High Tension Code	BH38-710-240	BH38-710-240
707	Igniter Cover	U273-226	U273-226
709	Anti-Frost Heater Clip	CF29-742	CF29-742
710	Anti-Frost Heater Clip	105000027	105000027
711	Anti-Frost Heater Clip	AU124-618	AU124-618
714	Thermal Fuse Harness	105000055*	105000055*
715	Thermal Fuse Clip	CP-80531	CP-80531
717	Thermistor Clip	CP-90172	CP-90172
806	Screw	CP-80452	CP-80452
807	Screw	ZFDB0412SZ	ZFDB0412SZ
808	Screw	CP-30627-412	CP-30627-412
812	O-ring	M10B-2-18*	M10B-2-18*
814	O-ring	M10B-2-14*	M10B-2-14*
816	O-ring	M10B-2-4*	M10B-2-4*

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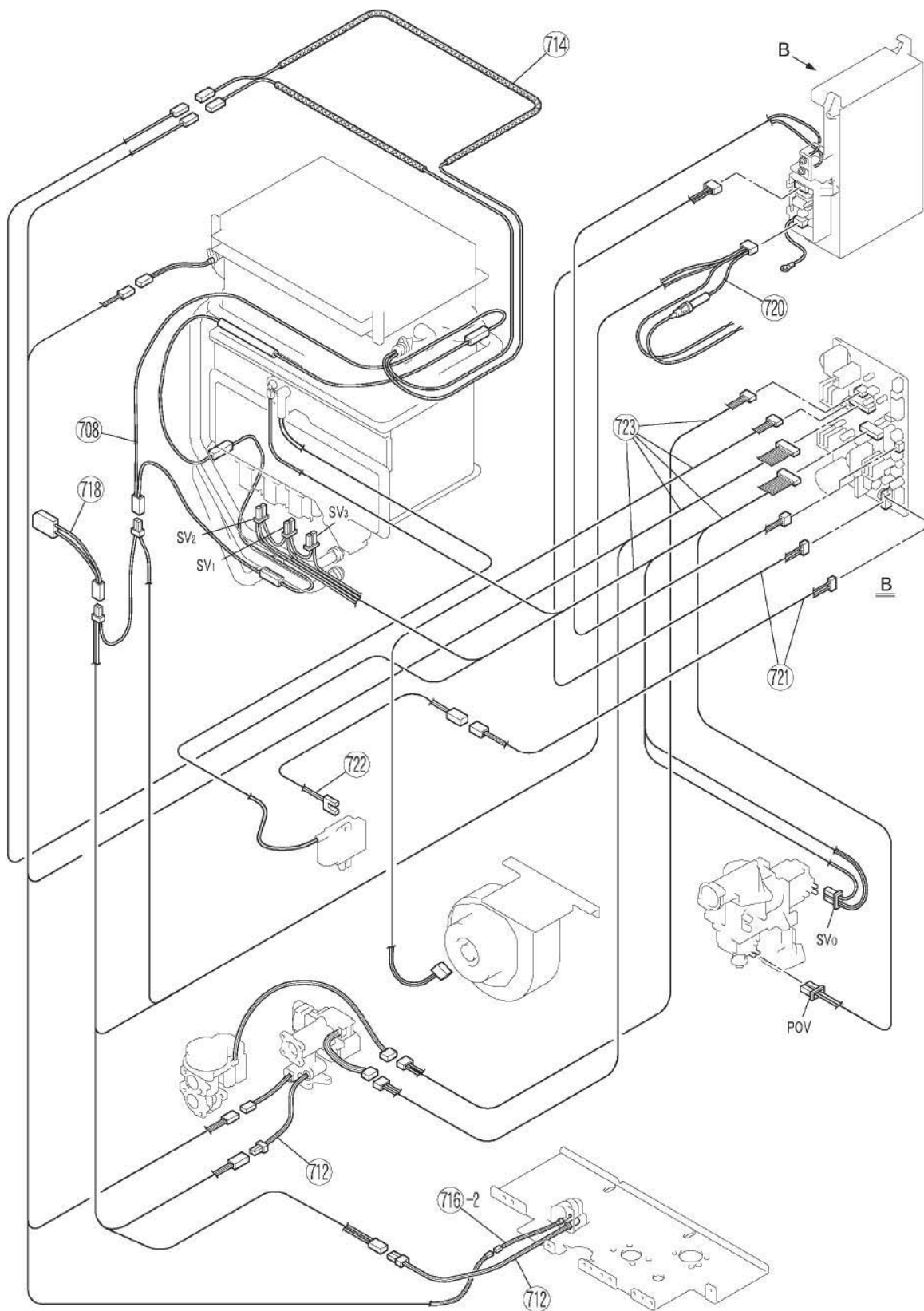
▲ Component to be replaced by 105000067, upon inventory depletion.

Item	Description	Model	Model
		TG-237E-(N,X)	TG-237E-(N,X)A
015	Cable Access	BU56-602-N	BU56-602-N
016	Cable Access Packing	109000071	109000071
100	3/4" NPT Gas Connection	CU195-1866	CU195-1866
101	Screw	AU39-965	AU39-965
102	Gas Control Assembly	104000066*	104000066*
400	3/4" NPT Water Inlet	H73-501-2	H73-501-2
401	Plug Band	U250-631	U250-631
402	Water Filter Assembly	H98-510-S*	H98-510-S*
405	Water Flow Servo & Sensor Assembly	M8E-15-2-A*	M8E-15-2-A*
406	Rectifier	M8D1-15	M8D1-15
407	Bypass-Servo Assembly	M6J-1-4*	M6J-1-4*
408	Stop Bracket	AH69-310	AH69-310
409	Water Flow Servo Cover	H112-508	H112-508
410	Hot Water Outlet	U273-320	U273-320
411	Plug Band	AU103-413	AU103-413
412	Drain Valve	AU142-444	AU142-444
413	Stop Bracket	U211-322	U211-322
700	Printed Circuit Board	104000065*	104000065*
701	Surge Protector	105000067*	105000067*
	Surge Protector with Terminal (Optional)	104000057	104000057
702	Printed Circuit Board Cover-Front	U273-355-US	U273-355-US
703	Printed Circuit Board Cover-Side	105000016	105000016
803	Washer	AU48-174	AU48-174
809	Screw	CP-20883-408UK	CP-20883-408UK
810	Screw	U217-449	U217-449
811	O-ring	M10B-1-24	M10B-1-24
812	O-ring	M10B-2-18*	M10B-2-18*
813	O-ring	M10B-2-16*	M10B-2-16*
815	O-ring	M10B-2-7*	M10B-2-7*
816	O-ring	M10B-2-4*	M10B-2-4*
817	Packing	C36F8-1*	C36F8-1*
821	Screw	ZQAA0512UK	ZQAA0512UK
822	Screw	ZQAA0514UK	ZQAA0514UK
823	Screw	ZQAA0508UK	ZQAA0508UK
824	Screw	ZBA0512UK	ZBA0512UK

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TG-237E Models



Item	Description	Model	Model
		TG-237E-(N,X)	TG-237E-(N,X)A
708	120V Anti-Frost Heater Assembly	U273-380	U273-380
712	120V Valve Heater Assembly	U273-381	U273-381
714	Thermal Fuse Harness	105000055*	105000055*
716	Thermistor	H111-650*	H111-650*
718	Frost Sensing Switch	H73-750	H73-750
720	Fuse Harness	U273-370	U273-370
721	Power Supply Harness	105000056	105000056
722	Igniter Harness	U273-372	U273-372
723	Sensor Harness	105000057	105000057

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Water Heater Accessories

Water Heater Accessories (For use on all models)

-	Remote Controller Residential (98° -140°F)	239-47806-00*
-	Remote Controller Commercial (>140°F)	239-47805-00*

Water Heater Accessories (For use on all models except TG-237E-(A))

-	Recess Box Enclosure	RGB-25U*
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▲ Component to be replaced by 105000067, upon inventory depletion.

NOTES

[illegible]



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

Email
parts@bradfordwhite.com
techserv@bradfordwhite.com

www.bradfordwhite.com