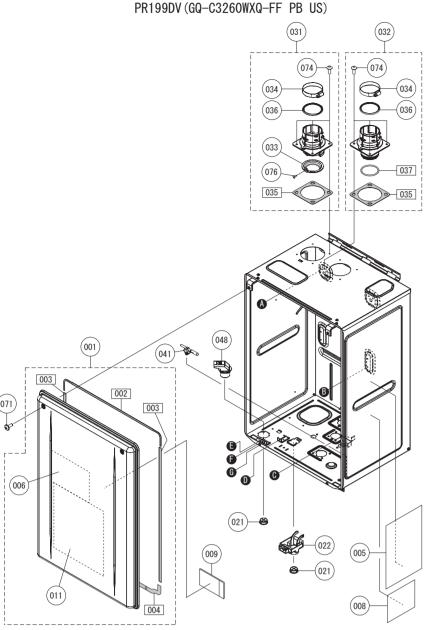
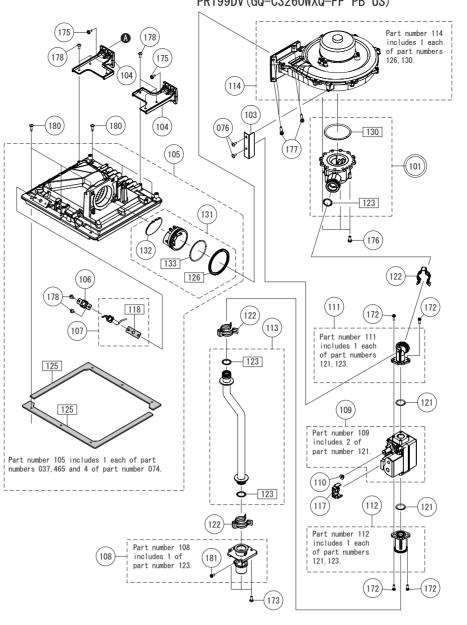
### External outfitting NRCR111DV(GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US)



#### External outfitting NRCR111DV(GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

art Nos.	Part Names	Order Nos.	Q'ty/unit
001	Front Cover - GQ-C3260WX-FF US	SKJ72NW	1 <nrcr series=""></nrcr>
	Front Cover - GQ-C3260WXQ-FF PB US	SKJ72Z5	1 <pr series=""></pr>
002	Gasket - Front Cover Top	FABL011	1
003	Gasket - Front Cover Sides	CVAL004	2
004	Gasket - Front Cover Top and Bottom	AAPL015	1
005	Label - Outside Front Cover Caution Label	ELVK003	1
006	Label - Inside Front Cover Caution Label	EYSK006	1
800	Label - Rating Plate DV/OD	FDCK151	1
009	Parts List/Technical sheet	FDCK251	1
011	Wiring Diagram	FDBK002	1
021	Wire Grommet - Rubber	CXPA026	2
022	External Remote Terminal Block	EBTA017	1
031	Intake Flue w/ O-Ring and Gasket (SET)	SKJ71W1	1
032	Exhaust Flue w/ O-Ring and Gasket (SET)	SKJ71W2	1
033	Filter - Intake Air	FABF101	l i
034	Clamp - Exhaust Pipe	FABF108	2
035	Gasket - Exhaust Flue	FABL101	2
036	O-Ring - Exhaust Pipe	FABL102	2
037	O-Ring - Exhaust Flue	FABL103	l ī
041	Thermistor - Air	EZMH101	l i
V.1	1111	LEMI1101	
			l
		l	
		<del>-  </del>	
			I
071	Screw - Front Cover with washer M4X12 S410		
074			
074	Screw - Pre-Coated Machined M4X12 S410		
	Screw - Long Mounting Machine M4X12 S430		
076	Screw - Remote Terminal M4X10 S430		
		l	
		l	
		l	
		l	
		l	

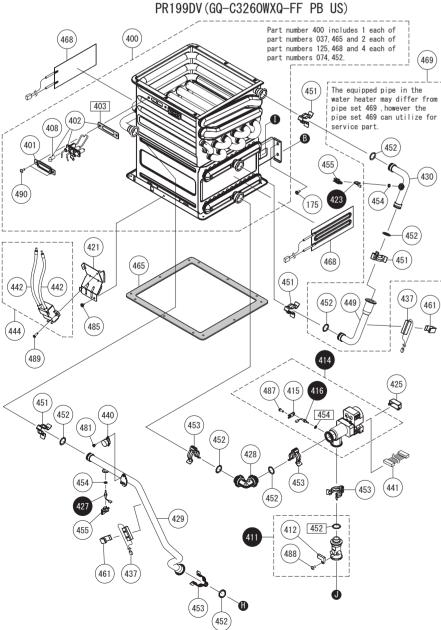
### Combustion unit and gas route NRCR111DV (GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)



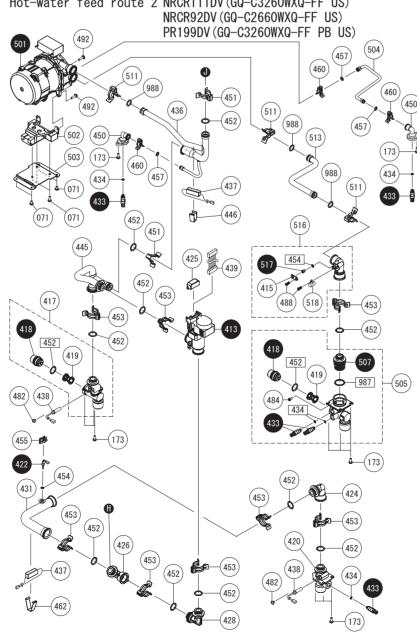
### Combustion unit and gas route NRCR111DV (GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

art Nos.	Part Names	Order Nos.	Q'ty/unit
101	Venturi 199kbtuh - LP (SET)	SKJ72N2	1 <lp></lp>
	Venturi 199kbtuh - NG (SET)	SKJ72N3	1 <ng></ng>
103	Mounting Plate - Gas Valve	FDAA101	1
104	Mounting Plate - Chamber	FABC031	2
105	Burner Chamber (SET)	SKJ72N4	1
106	Mounting Plate - Flame Lifting Detection	FDAC014	1
107	Flame Lifting Detection w/ Gasket	SKJ72QD	1
108	Inlet Gas Connection w/ Screw (SET)	SKJ71UX	1
109	Gas Valve (SET)	SKJ71W8	1
110	Cover - Offset Adjustment	FABE011	1
111	Gas Valve Outlet Connector (SET)	SKJ72MR	1
112	Gas Valve Inlet Connector (SET)	SKJ71VX	1
113	Gas Pipe (SET)	SKJ72MS	1
114	Fan Motor w/ Housing	SKJ72N5	1
117	Cover - Gas Valve Connector	FABJ032	1
118	Gasket - Flame Lifting Detection	FDAL020	1
121	0-Ring - P20	2192004	2
122	"C" Clamp -16B	6340407	3
123	O-Ring - P18	2110903	3
125	Gasket - Burner	FDAL002	2
126	Gasket - Chamber Inlet	FDAL004	1
130	O-Ring - Venturi φ60	FABL017	1
131	Non-return valve (SET)	SKJ72Y1	1
132	Non-return valve cap	FDAC042	1
133	O-ring - Non-return valve	FDAL005	1
170	Caron Long Mounting Machine with Caring Weeker MAY12 CA20		
172	Screw - Long Mounting Machine with Spring Washer M4X12 S430		
173	Screw - Long Machine M4X12 S410		
175	Screw - Medium Machine 4X10 S410		
176	Screw - Mounting Machine M5X12 S430		
177	Screw - Long Mounting Machine M5X25 S430 Scoat		
178	Screw - Medium Machine M4X10 S410 for Aluminum		
179	Screw - Short Machine M3X5 S410 for Aluminum		
180	Screw - Truss Head Self Drilling Tapping M4X18 S410		
181	Screw - Inlet and Manifold Gas M4X8		

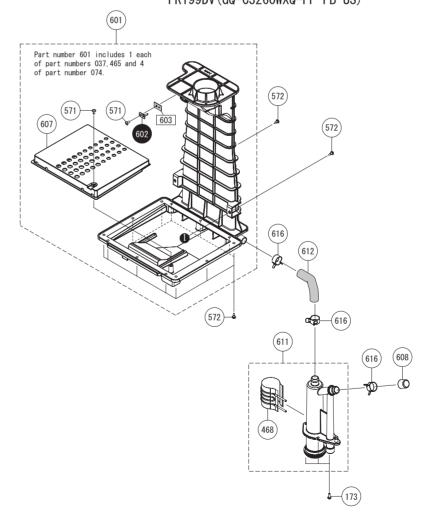
## Hot-water feed route 1 NRCR111DV (GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US)



Hot-water feed route 2 NRCR111DV (GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US)



Condensate feed route NRCR111DV (GQ-C3260WXQ-FF US) NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)



Hot-water feed route and Condensate feed route NRCR111DV(GQ-C3260WXQ-FF US) • NRCR92DV(GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

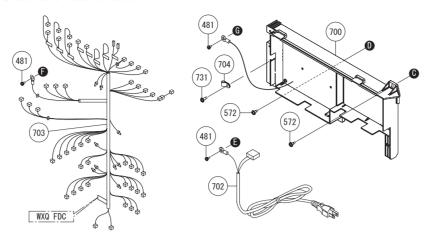
rt Nos.	Part Names	Order Nos.	Q'ty/unit
400	Heat Exchanger Kit (SET)	SKJ72MV	1
401	Mounting Plate - Ignition Plug	FDAB065	1
402	Ignition Plug w/ Gasket	SKJ72MT	1
403	Gasket - Ignition Plug (HEX)	FDAL009	1
408	Plug Cover	FABL019	_1
411	Water Flow Sensor (SET)	EDGD101	1
412	Magnetic Sensor	DANDO19	1
413	Water Servo - Bypass (SET)	ETFD050	1
414 415	Water Servo -Main (SET)	FBMD011 ALSD088	1 2
416	Thermistor Holding Plate Thermistor - Red	EZMD002	1
417	Inlet Water Connection (SET)	EHVD001	i
418	Water Filter Cap	DTJD006	2
419	Water Filter	EGBD032	2
420	Outlet Water Connection	EHUD004	1
421	Mounting Plate - Igniter	FDAA015	1
422	Thermistor - Pink	EZMD003	i
423	Thermistor - Blue	EZMD003	i
424	Water Connector - Elbow	DYTD002	i
425	Wire Cover - Servo	EBTD023	2
426	Water Connector - T-Elbow	FDAD017	1
427	Thermistor - Yellow	EZMD004	1
428	Water Connector - Elbow	FDAD016	2
429	Pipe - Primary SS HEX to T-Elbow	FDBD005	1
430	Pipe - Secondary SS HEX to Primary SS HEX	FDAD023	1
431	Pipe - T-Elbow to Outlet Water Connection	FDCD003	1
433	Drain Plug	CRUD003	5
434	O-Ring - High Temp P3	SAD6633	5
436	Pipe - Inlet Water Connection to Water Flow Sensor	FDCD031	1
437	Freeze Prevention Heater -Rectangle	ERDH002	4
438	Freeze Prevention Heater - Round Short	ERDH003	2
439	Wiring Harness - Bypass Water Servo	ETFJ033	1
440	High Limit Switch - 194	FABH001	1
441	Wiring Harness - Main Water Servo	JBGJ024	1
442	High Voltage Igniter Wire L175	ALSJ078	2
444	Igniter (SET)	SKJ72Y9	1
445	Pipe - Inlet to Bypass Servo SET	FDCD013	1
446	Clamp - Rectangle Heater	AJBL002	1
449	Pipe - Secondary SS HEX to Primary SS HEX	FDAD025	1
450	Drain Connection - 1/4" tube	CBND018	2
451	"C" Clamp - Water Pipe 16-25	SAD6593	6
452	O-Ring - High Temp P16	3223302	20
453	"C" Clamp - Water Pipe 16A	6340300	12
454 455	O-Ring - Thermistor High Temp P4 "C" Clamp - Thermistor	1323709 CRUD055	5 3
455	O-Ring - High Temp P6	3264408	3
460	"C" Clamp - 1/4" tube 6-13	SAD6594	3
460	Clamp - I/4 tube 6-13 Clamp -Freeze Prevention	SAD6594 AMML001	2
462	Clamp - Freeze Prevention	ELVL011	1
465	Gasket - Exhaust Duct	FDAL003	1
468	Freeze Prevention Heater - Condensate Container	ETHH004	3
469	Pipe SET - Secondary SS HEX to Primary SS HEX	SKJ733C	1
. 50		51.07000	•
481	Screw - Small Tapping w/o collar M4X8 S410		
482	Screw - Short Machined M4X6 S410		
484	Screw - Black Set M4X8 S430		
485	Screw - Short Tapping M4X8 S410		
486	Screw - Medium Machine M4X10 PS550		
487	Screw - Round Head Medium Tapping M4X10 S410		
488	Screw - Round Head Medium Tapping M4X10 S305		
489 490	Screw - Long Mounting Machine M4X12 S430		
490 492	Screw - Truss Head Self Drilling Tapping 4X12 PS550		
432	Screw - Long Tapping 4X16 S410		

Hot-water feed route and Condensate feed route NRCR111DV (GQ-C3260WXQ-FF US) - NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

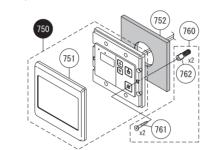
	1		
Part Nos.	Part Names	Order Nos.	Q'ty/unit
501	Circulation Pump (SET)	SKJ72Y2	1
502	Mounting Rubber - Pump	FDCA031	1
503	Mounting Plate - Pump	FDCA012	i
504	Connection Pipe - Pump Water Drain	FDCD105	i
505	Return Connection (SET)	FDCD011	l i
507			
	Inlet Water Connection	DJPD012	1
511	"C" Clamp - Water Pipe 13-22	SAD6537	3
513	Return Pipe	FDCD040	1
516	Water Flow Sensor (SET)	EGGD037	1
517	Plug - Water Flow Sensor Magnetic Sensor	AXGD089	1
518	Magnetic Sensor	BEVD006	1
571	Screw - Medium Tapping M4X10 S410		
572	Screw - Long Tapping M4X12 S410		
601	Exhaust Duct (SET)	SKJ72N7	1
602	Thermistor - Exhaust	ETHH002	1
603	Gasket - Exhaust Thermistor	ETHL004	1
607	Condensate Drainage Plate	FDAF045	1
608	Drain Cap	FABF056	1
611	Condensate Container (SET)	SKJ71WF	1
612	Drain Hose - SS HEX	FDAF051	li
616	Clamp - Condensate Hose NO. 45	SAD6536	3
010	Oriump Conditioale 11056 NO. 40	3AD0330	

Electronic control unit and Remote controller NRCR111DV (GQ-C3260WXQ-FF US) • NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

Electronic control unit



Remote controller RC-7651M-A US (For NRCR Series) RC-7651M-A NB (For PR Series)



# **Procedure for Flushing the Heat Exchanger**

This procedure is only intended for use by a qualified service professional or authorized Service Representative. Any unauthorized use of this procedure may result in voiding the warranty. Reach out to our customer care for additional support. Contact details are available on the rating plate of the appliance.

If the alarm code "C1#\*" is flashing on the Remote Controller, it means there is Scale Build-up in the Heat Exchanger. To prevent damage to the Heat Exchanger from Scale Build-up, the Heat Exchanger needs to be flushed\*\* to remove the Scale Build-up.

Damage to the water heater due to Scale Build-up is not covered by the water heater's warranty.

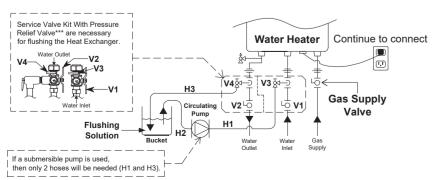
To clear the alarm code "C1#\*" the Heat Exchanger must be flushed. If the alarm code "C1#\*" is displayed and flashing on the Remote Controller, please contact the contact address of instruction manual.

\* Warning indication, # = 1~9 \*\* Connect the blue connector marked "FLUSH" for flushing near the Circuit Board when flushing the Heat Exchanger.

> The water heater must remain connected to electrical power when flushing the Heat Exchanger.

# Basic Procedure

- ≪Procedure 1. The preparation of the flushing system≫
- Close the gas supply valve.
- 2. Close the water inlet valve (V1) and the water outlet valve (V2).
- 3. Connect the one drain hose (H1) to the drain valve (V3), and then the other to the circulating pump.
- 4. Connect the drain hose (H2) to the circulating pump.
- 5. Connect the drain hose (H3) to the drain valve (V4).
- 6. Pour 1 gallon of "Calcium, Lime and Rust Removal Product" and 1 gallon water into the bucket. Recommend "Calcium, Lime and Rust Removal Product" for flushing.
- 7. Place the both drain hoses (H2 and H3) into the bucket filled with the flushing solution.
- 8. Open the both drain valves (V3 and V4).



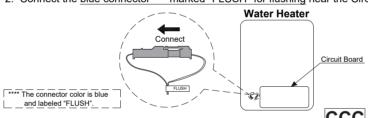
\*\*\* Service Valve Kit With Pressure Relief Valve may be purchased as an accessory from an authorized wholesaler They allow for full diagnostic testing and easy flushing of the system.

Refer to appliance's installation manual or reach out to our customer care, if more information is needed for flushing.

Contact details are available on the rating plate of the appliance. ≪Procedure 2. Flushing the Heat Exchanger - For Single Unit≫

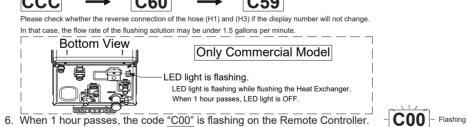
Open the Front Cover.

2. Connect the blue connector\*\*\* marked "FLUSH" for flushing near the Circuit Board.



- 3. Then the code "CCC" is displayed on the Remote Controller.
- 4. Turn on the circulating pump to circulate the flushing solution through the water heater for 1 hour at a rate of 1.5 gallons per minute or more.
- 5. The code "C60" is displayed on the Remote Controller when the water heater detects the flow of the flushing solution.

When 1 minute passes, the code "C60" will change to "C59" on the Remote Controller.



Do not disconnect the blue connector marked "FLUSH" for flushing.

≪Procedure 3. Cleaning the Heat Exchanger
≫

The flushing solution needs to be rinsed and cleaned out of the water heater.

Below is the way to rinse and clean the flushing solution. 1. Remove both drain hoses (H2 and H3) from the bucket. And then place the drain hose (H3)

- into the sink or outside to drain.
- 2. Close the drain valve (V3) and then open the water inlet valve (V1). Do not open the fresh water outlet valve (V2).
- 3. Clean the water heater with fresh water for 3 minutes or more.



- 4. Close the drain valve (V4) and then remove the drain hose (H3) from the drain valve (V4).
- 5. Remove the drain hose (H1) from the drain valve (V3).
- 6. Disconnect the blue connector marked "FLUSH" for flushing. The code "C00" goes out on the Remote Controller.
- Close the Front Cover.

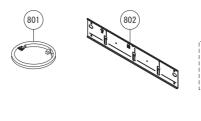
7. Turn off the circulating pump.

- 8. Open the gas supply valve and water outlet valve (V2).
- 9 Check for correct operation of the water heater



Included Accesories NRCR111DV (GQ-C3260WXQ-FF US) · NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

Included Accesories

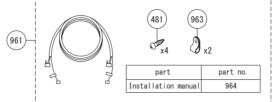




	Special part/	
(803)	Special part	Special part
$\vee$	Owner's guide	888
	Installation manual	889
804) x7	**To request a Fr the Owner's guide manual, Reach out care. Contac available on the the appliance	e or Installa t to our cust t details

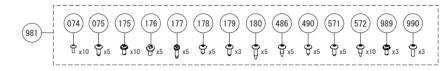
#### Optional Accesories

Quick-Connect Cord QC-2

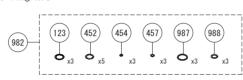




#### Screw Kit

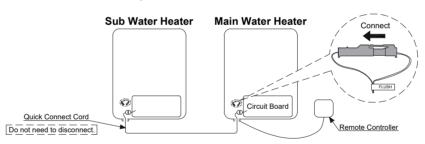


### O-ring Kit



### In case of the "Quick Connect Multi System Procedure"

1. Connect the blue connector marked "FLUSH" for unit needing to be flushed. (The water heater is isolated from Quick Connect Multi System when the blue connector marked "FLUSH" for flushing is connected. Not need to disconnect the Quick Connect Cord.)



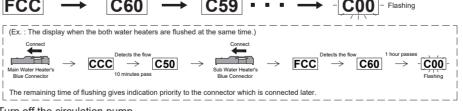
2. Then the code "CCC" or "FCC" is displayed on the Remote Controller.

|CCC| is displayed when the Main Water Heater's blue connector is connected.

**FCC** is displayed when the Sub Water Heater's blue connector is connected.

- 3. Turn on the circulating pump to circulate the flushing solution through the water heaters for 1 hour at a rate of 1.5 gallons per minute or more. (LED light is flashing while flushing the Heat Exchanger. See the "Procedure 2.5".)
- 4. When 1 hour passes, the code "C00" is flashing on the Remote Controller. Do not disconnect the blue connector marked "FLUSH" for flushing.





- 5. Turn off the circulation pump.
- 6. Rinse and clean the flushing solution out of the water heaters in accordance with "Procedure 3"



- 7. <u>Disconnect the "blue connector for flushing".</u> The Code <u>"C00"</u> goes out on the Remote Controller
- 8. Close the Front Covers.
- 9. Open the gas supply valves and water outlet valves.
- 10. Check for correct operation of the water heaters.

Refer to appliance's installation manual or reach out to our customer care, if more information is needed for flushing. Contact details are available on the rating plate of the appliance.

Electronic control unit and Remote controller and Included Accessories NRCR111DV (GQ-C3260WXQ-FF US) • NRCR92DV (GQ-C2660WXQ-FF US) PR199DV (GQ-C3260WXQ-FF PB US)

Part Nos.	Part Names	Order Nos.	Q'ty/unit
700	Circuit Board	SKJ72MQ	1
702	Power Supply Cord	ERUJ001	1
703	Wiring Harness - GQ-C3260WXQ-FF US	SKJ72NB	1
704	Wire Clamp - Nylon #4	7287909	1
	III o tamp III III	7207000	
731	Screw - Remote Terminal Cover M4X12 S410		
750	Remote Controller - RC-7651M-A US (SET)	SHC71HW	1 <nrcr series=""></nrcr>
700	Remote Controller - RC-7651M-A NB (SET)	SHC71LG	1 <pr series=""></pr>
751	Cover - Remote	QHUA013	
752	Mounting Gasket - Remote	QHUA115	1
760	Screw Package - Remote(SET)	QQUA100	1
761	Screw - Round Head Wood M4.1X25 S305		
762	Dry Wall Anchors6X25		
800	Box - GQ-C3260WXQ-FF US	SKJ72NA	1 <nrcr series=""></nrcr>
	Box - GQ-C3260WXQ-FF PB US	SKJ72Z7	1 <pr series=""></pr>
801	Remote Cord - 6ft	ETHM001	1
802	Wall Mounting Plate	FDAA103	1
803	Wood Screw Set7	SAD2028	1
804	Screw - Round Head Wood 4.8X38 S305		
888	Owner's Guide - GQ-C3260WXQ-FF US	SBB8167	1 <nrcr series=""></nrcr>
	Owner's Guide - GQ-C3260WXQ-FF PB US	SBB819F	1 <pr series=""></pr>
889	Installation Manuale - GQ-C3260WXQ-FF US	SBB8168	1 <nrcr series=""></nrcr>
	Installation Manuale - GQ-C3260WXQ-FF PB US	SBB819G	1 <pr series=""></pr>
961	Quick Connect Cord - QC-2	0706377	1
962	Adaptor - QC-1 to QC-2	SAG4672	1
963	Wire Clamp - Nylon #3	7223901	2
964	Installation Manual - QC-2	SAQ8992	1
981	Screw Kit	SKJ72N0	1
982	O-Ring Kit	SKJ72N1	1
987	O-Ring - High Temp P22	7573308	1
988	O-Ring - High Temp P12.5	3359808	3
989	Screw - Short Mounting Machine with Spring Washer M3X8 S430		
990	Screw - Round Head Short Tapping M5X8 S410		