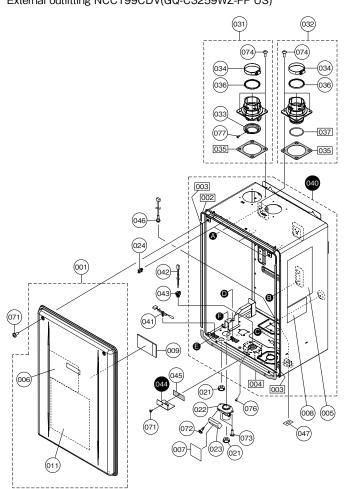
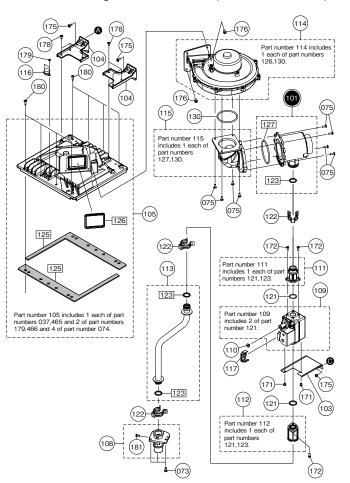
External outfitting NCC199CDV(GQ-C3259WZ-FF US)



External outfitting NCC199CDV(GO-C3259W7-FF US)

rt Nos.	Part Names	Order Nos.	Q'ty/unit
001	Front Cover - GQ-C2859WX-FF US / GQ-C3259WX(Z)-FF US	SKJ71UW	1
	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	
006 007	Label - Inside Front Cover Caution Label	ELVK006	1 1
007	Label - Remote Terminal Caution Label Label - Name Plate DV/OD	ENJK002 FABK010	1
009	Parts List/Technical sheet	FAQK051	1
011	Wiring Diagram	FABK002	i
021	Wire Grommet - Rubber	CXPA026	2
022	External Remote Terminal Block	DNSA026	1
023	Cover - External Remote Terminal Block	DNSA025	i
024	Wire Clamp	7559402	3
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	1
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	1
040	Case - GQ-C3259WZ-FF US	SKJ71XT	1
041	Thermistor - Air	BWCH003	1
042	Inlet Power Wires	ENJJ020	1
043	Inlet Power Wire Clip	ETPA073	1
044	Junction Box Cover	ENJA025	1
045	Gasket - Junction Box Cover	ENWL005	1
046	LED Light	CRPJ014	1
047	Sight Glass Window	ENKK002	1
071 072 073 074 075	Screw - Front Cover with washer M4X12 S410 Screw - Remote Terminal Cover M4X12 S410 Screw - Long Machine M4X12 S410 Screw - Long Machine M4X12 S410 Screw - Pre-Coated Machined M4X12 S410		
076	Screw - Long Mounting Machine M4X12 S430 Screw - Remote Terminal M4X8 S430		
077	Screw - Remote Terminal M4X10 S430		

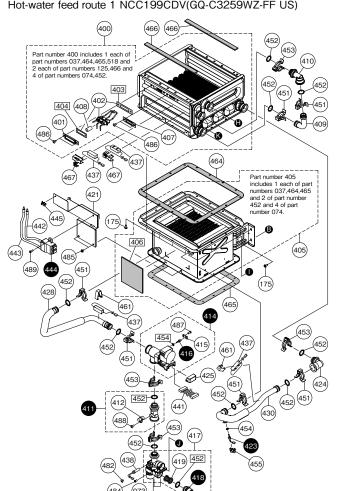
Combustion unit and gas route NCC199CDV(GQ-C3259WZ-FF US)



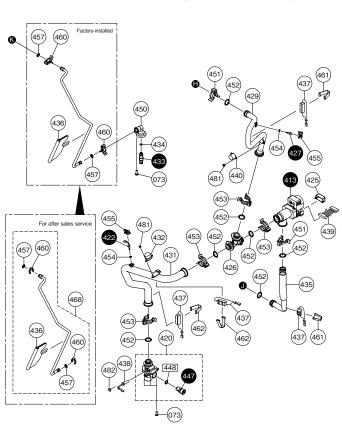
Combustion unit and gas route NCC199CDV(GQ-C3259WZ-FF US)

art Nos.	Part Names	Order Nos.	Q'ty/uni
101	Venturi 199kbtuh - LP (SET)	SKJ71W3	1 <lp></lp>
	Venturi 199kbtuh - NG (SET)	SKJ71W4	1 <ng< td=""></ng<>
103	Mounting Plate - Gas Valve	FABA101	1
104	Mounting Plate - Chamber	FABC031	2
105	Burner Chamber (SET)	SKJ71W7	1
108	Inlet Gas Connection w/ Screw (SET)	ELVE021	- i
109	Gas Valve (SET)	SKJ71W8	1
110	Cover - Offset Adjustment	FABE011	1
111	Gas Valve Outlet Connector (SET)	SKJ71UY	1
112	Gas Valve Inlet Connector (SET)	SKJ71VX	1
113	Gas Pipe (SET)	SKJ71VY	1
114	Fan Motor w/ Housing	SKJ71W9	1
115	Gas Elbow Connector 199kbtuh (SET)	SKJ71WA	1
116	High Limit Switch - 320	FABH002	1
117	Cover - Gas Valve Connector	FABJ032	1
121	0-Ring - P20	2192004	2
122	"C" Clamp -16B	6340407	3
123	O-Ring - P18	2110903	3
125	Gasket - Burner	FABL002	2
126	Gasket - Chamber Inlet	FABL003	1
127	O-Ring - Venturi Ø71	FABL016	1
130	O-Ring - Venturi #71	FABL010	1
171	Screw - Short Mounting Machine M4X6 S430		
172	Screw - Long Mounting Machine with Spring Washer M4X12 S430		
175	Screw - Medium Machine 4X10 S410		
176	Screw - Mounting Machine M5X12 S430		
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	SAC6082	1

Hot-water feed route 1 NCC199CDV(GQ-C3259WZ-FF US)



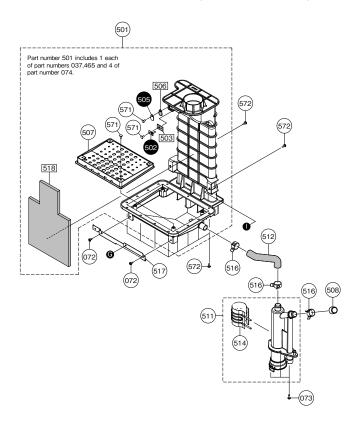
Hot-water feed route 2 NCC199CDV(GQ-C3259WZ-FF US)



Hot-water feed route NCC199CDV(GQ-C3259WZ-FF US)

rt Nos	Part Names	Order Nos.	Q'ty/unit
100	Heat Exchanger Kit Primary SS (SET)	SKJ7245	1
401	Mounting Plate - Ignition Plug	FABB045	1
102	Ignition Plug w/ Gasket	SKJ71VZ	1
103	Gasket - Ignition Plug (HEX)	FABL008	1
104	Gasket - Ignition Plug (Mounting Plate)	FABL010	1
105	Heat Exchanger Kit - Secondary SS (SET)	SKJ71WD	1
106	Gasket - Secondary SS (Front)	FABL015	1
107	Burner Window (SET)	FABB042	1
408	Plug Cover	FABL019	1
109	Pipe - Heat Exchanger Connect	FAQD105	1
410	Elbow - Heat Exchanger Connect	FAQD109	1
411	Water Flow Sensor (SET)	EPAD001	1
112	Magnetic Sensor - Flow Sensor	BWCD093	1
413	Water Servo - Bypass (SET)	ETFD050	1
114	Water Servo -Main (SET)	ETFD051	1
415	Thermistor Holding Plate	ALSD088	1
416	Thermistor - White - Q64	BWCD098	1
117	Inlet Water Connection (SET)	FAQD011	1
418	Water Filter Cap	DTJD006	1
119	Water Filter	EGBD032	1
120	Outlet Water Connection	EVRD003	1
121	Mounting Plate - Igniter	FABA015	i
122	Thermistor - White - M64	BWCD096	i
123	Thermistor - White - Q63	BWCD097	1
124	Water Connector - Elbow	DYTD002	i
125	Wire Cover - Servo	EBTD023	2
126	T-Flhow	ENSD042	1
127	Thermistor - White	EXDD100	1
128	Pipe - Water Servo - Main to Secondary SS HEX	FABD103	i
129	Pipe - Primary SS HEX to T-Elbow	FAQD110	i
430	Pipe - Secondary SS HEX to Primary SS HEX	FABD115	- i
431	Pipe - T-Elbow to Outlet Water Connection	FAQD107	i
132	High Limit Switch - 198	FAQH001	1
133	Drain Cock	CRUD003	i
134	0 - Ring High Temp P3	SAD6633	i
135	Pipe - Inlet Water Connection to Water Servo - Bypass	FAQD101	i
136	Freeze Prevention Heater - Drain Pipe	EVRH002	i
137	Freeze Prevention Heater - Bectangle	ERDH002	8
138	Freeze Prevention Heater - Round Short	ERDH003	2
139	Wiring Harness - Bypass Water Servo	ETFJ033	1
140	High Limit Switch - 221	FAQH002	<u> </u>
141	Wiring Harness - Main Water Servo	JBGJ024	i
142	High Voltage Igniter Wire L175	ALSJ078	i
143	High Voltage Igniter Wire L220	ALSJ084	i
144	Igniter	FABJ100	i
145	Wire Clamp	SAE6367	i
147	Safety Relief Valve	SAA2811	i
148	O-Ring - High Temp P9	SAD6635	i
450	Drain Connection - 1/4" tube	CBND018	i
450 451	"C" Clamp - Water Pipe 16-25	SAD6593	8
451 452	O-Ring - High Temp P16	3223302	18
452 453	"C" Clamp - Water Pipe 16A	6340300	8
453 454	O-Ring - Thermistor High Temp P4	1323709	4
455 455		CRUD055	3
+55 457	C Clamp - Thermistor O - Ring High Temp P6	3264408	2
157 160	"C" Clamp - 1/4" tube 6-13	3264408 SAD6594	2 <factory-installed></factory-installed>
+00	"C" Clamp - 1/4" tube 6-13 "C" Clamp - 1/4" tube (AS) 6	6339905	2 <factory-installed> 2<for after="" sales="" service:<="" td=""></for></factory-installed>
161	Clamp - 1/4" tube (AS) 6 Clamp -Freeze Prevention	6339905 AMML001	2 <for 4<="" after="" sales="" service.="" td=""></for>
461 462			2
162 164	Clamp - Freeze Prevention	ELVL011 FABL004	1
164 165	Gasket - Secondary Heat Exchanger Gasket - Exhaust Duct	FABL004 FABL005	1
165 166	Gasket - Exnaust Duct Gasket - Primary Heat Exchanger	FABL005 FABL013	1 2
167	Clamp -Freeze Prevention	FABL021	2
468	Pipe - 1/4" Drain from Heat Exchanger (SET)	SKJ7244	1 < For after sales service:
481	Screw - Small Tapping w/o collar M4X8 S410		
182	Screw - Short Machined M4X6 S410		
184	Screw - Black Set M4X8 S430		
185	Screw - Short Tapping M4X8 S410		
186	Screw - Medium Machine M4X10 PS550		
187	Screw - Round Head Medium Tapping M4X10 S410		
188	Screw - Round Head Medium Tapping M4X10 S305		
189	Screw - Long Mounting Machine M4X12 S430	1	

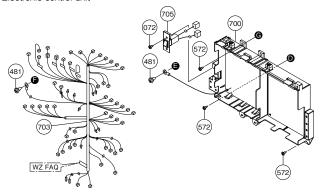
Condensate feed route NCC199CDV(GQ-C3259WZ-FF US)



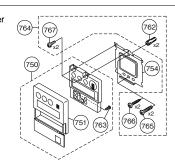
art Nos.	Part Names	Order Nos.	Q'ty/unit
501	Exhaust Duct (SET)	SKJ71WE	1
502	Thermistor - Exhaust	ETHH002	1
503	Gasket - Exhaust Thermistor	ETHL004	1
505	Cover - CO2 Measurement Port	FABF036	1
506	Gasket - CO2 Measurement Port	FABL009	1
507	Condensate Drainage Plate	FABF035	1
508	Drain Cap	FABF056	1
511	Condensate Container (SET)	SKJ71WF	1
512	Drain Hose - SS HEX	FABF051	1
514	Freeze Prevention Heater - Condensate Container	ETHH004	1
516	Clamp - Condensate Hose NO.45	SAD6536	3
517	Mounting Plate - Circuit Board	FABA105	1
518	Cover - Exhaust Duct	FABL025	1
571	Screw - Medium Tapping M4X10 S410		
572	Screw - Long Tapping M4X12 S410		

Electronic control unit and Remote controller NCC199CDV(GQ-C3259WZ-FF US)

Electronic control unit



Remote controller RC-9018M US



Procedure for Flushing the Heat Exchanger

This procedure is only intended for use by a qualified service professional or authorized Noritz Service Representative. Any unauthorized use of this procedure may result in voiding the warranty.Please contact Noritz America (866-766-7489) for additional support.

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 Noritz

America (866-766-7489

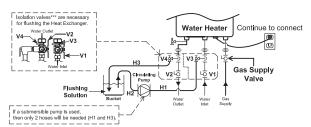
marked "FLUSH" for flushing near the Circuit Board when flushing the Heat Exchanger

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

Basic Procedure

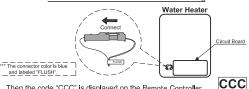
≪Procedure 1. The preparation of the flushing system≫

- 1. 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. Noritz recommends "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).



≪Procedure 2. Flushing the Heat Exchanger - For Single Unit≫

- *** marked "FLUSH" for flushing near the Circuit Board.



- 3. Then the code <u>"CCC"</u> 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.



6. When 1 hour passes, the code <u>"C00"</u> is flashing on the Remote Controller. - C00 - Flashing

 $\underline{\mbox{Do not disconnect the blue connector marked "FLUSH" for flushing.}$ 7. Turn off the circulating pump.

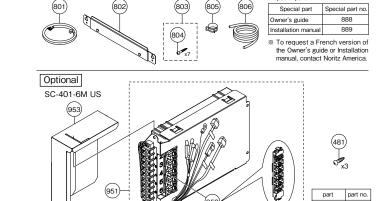
≪Procedure 3. Cleaning the Heat Exchanger≫

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

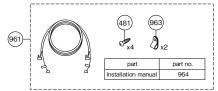
Below is the way to rinse and clean the flushing solution.

- 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.
- (Needs to have enough time to clean the water heater.)
- 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 <u>"C00"</u> goes out on the Remote Contro**ll**er
- 7 Close the Front Cover
- 8. Open the gas supply valve and water outlet valve (V2)
- 9 Check for correct operation of the water heater.

Attached set NCC199CDV(GQ-C3259WZ-FF US) Attached set



Quick-Connect Cable QC-2



Screw Kit for GQ-C32(28)59 Series

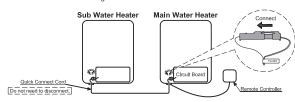


O-ring Kit for GQ-C32(28)59 Series



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.)

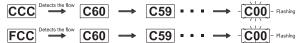


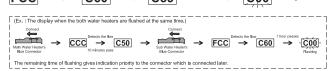
2. Then the code "CCC" or "FCC" is displayed on the Remote Controller.

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 Controll 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". (See the "Procedure 3.1-3.5".)



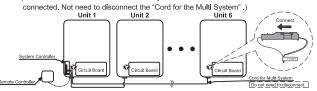
- 7. <u>Disconnect the "blue connector for flushing".</u> The Code <u>"C00"</u> goes out on the Remote Controller.
- 8. Close the Front Covers.
- 9. Open the gas supply valves and water outlet valves.
- 10. Check for correct operation of the water heaters.

Electronic control unit, Remote controller and Attached set NCC199CDV(GQ-C3259WZ-FF US)

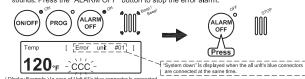
Part Nos	Part Names	Order Nos.	Q'ty/unit
700	Circuit Board	SHC70YF	1
703	Wiring Harness - GQ-C3259WZ-FF US	FAQJ011	1
705	Rocker Switch	FAQJ030	1
750	Remote Controller - RC-9018M (SET)	QNQJ015	1
751	Cover - Remote RC-9018M	QNQA020	1
754	Mounting Plate - Remote RC-9018M	QQNA021	1
762	Dry Wall Anchors6X25		
763	Screw - Round Head Machine M3X6 S430		
764	Screw Package - RC 9018M (SET)		
765	Screw - Flat Head Machine M4X35		
766	Screw - Flat Head Tapping 4X20		
767	Screw - Round Head Machine M3X6		
800	Box - GQ-C3259WZ-FF US	SKJ71WM	1
801	Remote Cord - 6ft	ETHM001	1
802	Wall Mounting Plate	FABA103	1
803	Wood Screw Set7	SAD2028	1
804	Screw - Round Head Wood 4.8X38 S305	1230701	
805 806	Clamp - Drain Hose (External) Hose - Drain (External)	1230701 AHED061	1
888	Owner's Guide - GQ-C3259WZ-FF US	SBB80TA	1
889	Installation Manual - GQ-C3259WZ-FF US	SBB80TA SBB80TC	1
951 952	System Controller - SC-401-6M Terminal Block - System Controller	SHC70Z1 ENUJ106	1 1
953	Cover - System Controller	ENUJ115	i
954	Installation Manual - SC-401-6M	SBB80UW	i
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 for GQ-C32(28)59 Series	SKJ71YH	1
982	O-ring Kit for GQ-C32(28)59 Series	SKJ71YJ	1
		1	

In case of the "Multi System Procedure"

1. Connect the blue connector marked "FLUSH" for unit needing to be flushed. (The water heater is isolated from Multi System when the blue connector marked "FLUSH" is



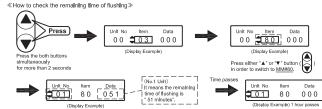
2. Then the code "CCC" is displayed on the Remote Controller and the error alarm continuously sounds. Press the "ALARM OFF" button to stop the error alarm.



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

Note: The code "CCC" does not change when Multi System mode. The display does not show the remaining time of flushing.

4. Check for the remaining time of flushing to see the Maintenance Monitor #80 (MM #80).



Press either "ENTER" button () in order to move " ♣ . And then press either "▲" or "▼" button (♠ 5. When 1 hour passes, turn off the circulation pump.

- (LED light is flashing while flushing the Heat Exchanger. See the " $\underline{\text{Procedure 2.5}}$ ".)
- 6. Rinse and clean the flushing solution out of the water heaters in accordance with "Procedure 3". (See the Procedure 3.1~3.5.)
- 7. Disconnect the blue connector marked "FLUSH" for flushing.
 The Code "CCC" goes out on the Remote Controller.

- 9. Open the gas supply valves and water outlet valves.
- 10. Check for correct operation of the water heaters

Please contact Noritz America if more information is needed for flushing. (Phone #: 866-766-7489)