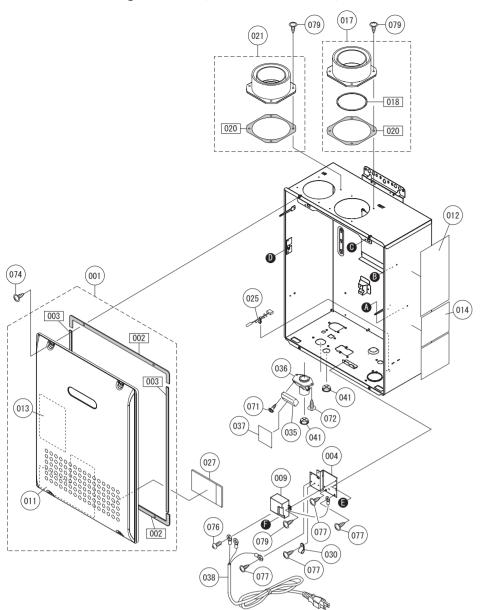
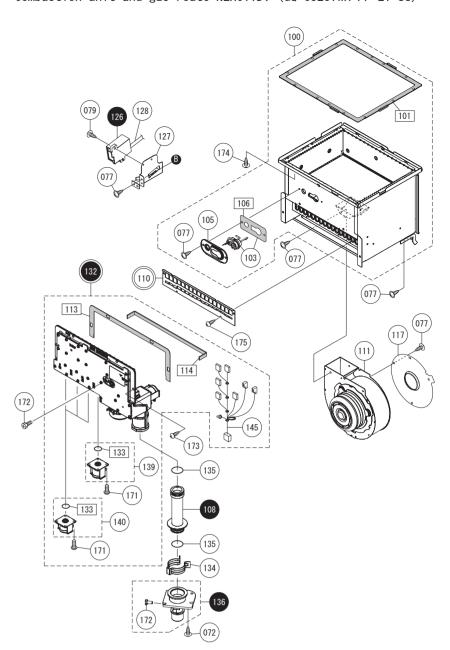
External outfitting NERC11DV (GQ-C3257WX-FF ET US)



External outfitting NERC11DV (GQ-C3257WX-FF ET US)

rt Nos.	Part Names	Order Nos.	Q'ty/unit
	Front Cover - NERC11DV (GQ-C3257WX-FF ET US)	SKJ72Y4	1
	Gasket - Front Cover Top and Bottom	AAPL015	2
	Gasket - Front Cover Sides	AAPL017	2
004	Mounting Plate - Terminal Block and/or GFCI	DZTA006	1
	Lightning Protection	ERDJ011	1
	Wiring Diagram	EYSK001	1
	Label - Outside Front Cover Caution Label	EWHK303	1
	Label - Inside Front Cover Caution Label	EYSK006	1
014	Label - Name Plate	EXSK151	1
	Exhaust Flue w/ O-Ring and Gasket (SET)	ETHF021	1
	O-Ring - Exhaust Flue Φ92	ETHF025	1
	Gasket - Exhaust Flue	ETHF024	2
021	Intake Flue w/ Gasket (SET)	ETHF031	1
		DWGUGGG	
	Thermistor - Air	BWCH003	1
027	Parts List/Technical sheet	EYSK155	1
030	Wire Clamp - Nylon #4	7287909	1
	Wire Clamp - Nylon #4 Cover - External Remote Terminal Block	DNSA025	1
	External Remote Terminal Block		
		DNSA026	1
	Label - Remote Terminal Caution Label Power Supply Cord	ENJK002 ERDJ013	1
036	Power Supply Cord	ERDJU13	I
041	Wire Grommet - Rubber	CXPA026	2
	Screw - Remote Terminal Cover M4X12 S410		
	Screw - Long Machine M4X12 S410		
	Screw - Front Cover with washer M4X12 S410		
	Screw - GFCI M3.5X6 S430		
	Screw - Short Tapping M4X8 S410		
079	Screw - Long Tapping M4X12 S410		
		- - 	
		1 1	

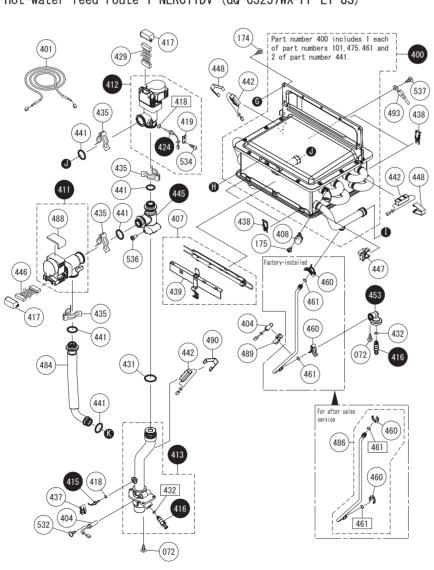
Combustion unit and gas route NERC11DV (GQ-C3257WX-FF ET US)



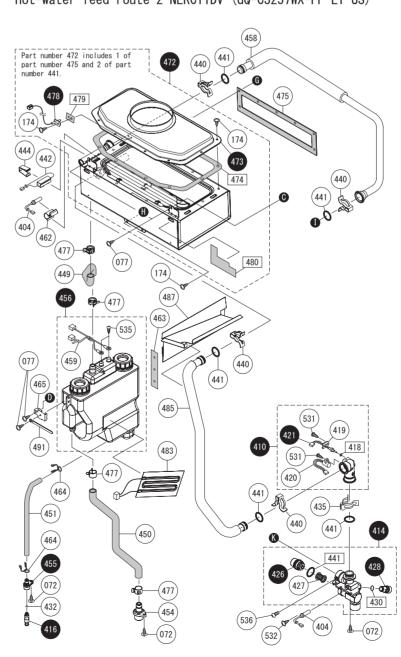
Combustion unit and gas route NERC11DV (GQ-C3257WX-FF ET US)

rt Nos.	Part Names	Order Nos.	Q'ty/unit
100	Burner w/ Gasket and Ignition Plug (SET)	SKH7184	1
101	Gasket - Burner	ESWL001	1
103	Ignition Plug w/ Gasket	SKG7311	1
	Mounting Plate - Ignition Plug	ESWC011	1
106	Gasket - Ignition Plug	EHKL001	1
108	Gas Pipe	ETPE011	1
110	Burner Damper 17-13	EFWC033	1 <lp></lp>
	Burner Damper 17-14	EFWC034	1 <ng></ng>
111	Fan Motor w/ Housing	SKD7441	1
	Gasket - Manifold Plate Top	ERDL007	1
	Gasket - Manifold Plate Bottom	ERDL009	1
117	Fan Plate ϕ 40	EHKF424	1
126	Igniter	ERDJ112	1
127	Mounting Plate - Igniter	DTJA015	1
128	High Voltage Igniter Wire	SAC1229	1
132	Gas Valve w/ Manifold Plate 17 (SET)	SKH7186	1 <lp></lp>
	Gas Valve w/ Manifold Plate 24 (SET)	SKH7187	1 <ng></ng>
	O-Ring - Gas Solenoid	SAA6044	4
134	"C" Clamp - Gas Pipe 25.4	6340601	1
	O-Ring - Gas Pipe P25.5	SAB1512	2
136	Inlet Gas Connection w/ Screw (SET)	ELWE021	1
	Gas Manifold Solenoid 1	SKG7181	1
	Gas Manifold Solenoid 2 Wiring Harness - Gas Valve	SKG7316 ESWJ015	<u>3</u> 1
	Screw - Machine w/ guide M4X12 Screw - Inlet and Manifold Gas M4X8 Screw - Large Manifold Plate M5X16 S410	SAC6082	2
174 175	Screw - Medium Tapping M4X10 S410 Screw - Small Tapping w/o collar M4X8 S410		
175	JOVEW - SHEET TELLPTING W/O COTTEN MAYAO SATO		

Hot-water feed route 1 NERC11DV (GQ-C3257WX-FF ET US)



Hot-water feed route 2 NERC11DV (GQ-C3257WX-FF ET US)



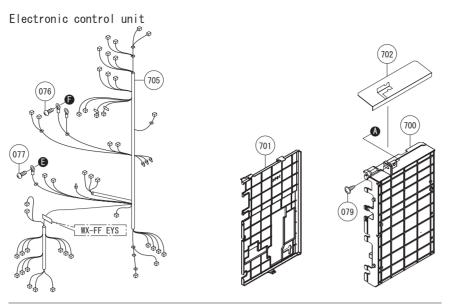
Hot-water feed route 1 NERC11DV (GQ-C3257WX-FF ET US)

art Nos.	Part Names	Order Nos.	Q'ty/unit
400	Heat Exchanger Kit (DV) (SET)	SKJ72ZA	1
401	Thermal Fuse	SKH7189	1
404	Freeze Prevention Heater - Round Short	ERDH003	4
407	Freeze Prevention Heater - Double Round (SET)	SKH7192	1
408	High Limit Switch - 201	ELVH002	1
410	Water Flow Sensor (SET)	ERDD011	1
411	Water Servo - Bypass (SET)	SKH7202	1
412	Water Servo -Main (SET)	ETFD011	1
413	Pipe - Hot Water w/ Outlet Connection (SET)	ENJD003	1
414	Inlet Water Connection (SET)	EJMD002	1
415	Thermistor - White - M64	BWCD096	1
416	Drain Cock	CRUD003	3
417	Wire Cover - Servo	EBTD023	2
418	O-Ring - Thermistor High Temp P4	1323709	3
419	Thermistor Holding Plate	ALSD088	2
420	Magnetic Sensor - Flow Sensor	BWCD090	1
421	Thermistor - White - Q63	BWCD097	1
424	Thermistor - White - Q64	BWCD098	1
426	Water Filter Cap	DTJD006	1
427	Water Filter	EGBD032	1
428	Safety Relief Valve	SAA2811	1
429	Wiring Harness - Main Water Servo	JBGJ024	1
430	O-Ring - High Temp P9	SAD6635	1
431	O-Ring - High Temp P22	7573308	1
432	O-Ring - High Temp P3	SAD6633	3
435	"C" Clamp - Water Pipe 16A	6340300	5
437 438	"C" Clamp - Thermistor Clamp -Thermal Fuse	CRUD055 EGLH002	1 4
438 439			1
439 440	Clamp -Freeze Prevention "C" Clamp - Water Pipe 16-25	ERDH011 SAD6593	4
440	O-Ring - High Temp P16	3223302	11
142	Freeze Prevention Heater -Rectangle	ERDH002	4
442 444	Clamp -Freeze Prevention	AMML001	1
144 145	Mixing Valve	ELWD005	1
445 446	Wiring Marness - Bypass Water Servo	ETFJ033	1
147	Clamp - Harness	SAB2775	1
448	Clamp - Freeze Prevention	CPLL002	2
449	Drain Hose - SS HEX	ETPF011	1
450	Drain Hose - So NEX Drain Hose - Condensate	ENJF022	1
450 451	Drain Hose - Neutralizer / Condensate Container	ENJF023	;
453	Drain Connection - 1/4" tube	CBND018	1
453 454	Drain Connection - 1/4 tube	EPHF001	
455	Drain Connection - Neutralizer / Condensate Container	EMDF309	l i
456	Condensate Container (SET)	ETPF031	İ
458	Pipe - Heat Exchanger SS to CU	ETHD007	l i
459	Wiring Harness - Water Level Electrode	EPJJ034	i
460	"C" Clamp - 1/4" tube 6-13	SAD6594	2 <factory-installed></factory-installed>
400	"C" Clamp - 1/4" tube (AS) 6	6339905	2 <for after="" sales="" service<="" td=""></for>
461	O-Ring - High Temp P6	3264408	2
462	Clamp - Freeze Prevention	ETHH003	1
463	Gasket - Neutralizer / Condensate Container	ENJL007	1
464	Clamp - Container Hose ϕ 8	DEGD004	2
465	Mounting Plate - Neutralizer / Condensate Container	EHWA016	1
472	Heat Exchanger Kit - Secondary SS (DV) (SET)	SKH7191	1
473	Exhaust Box	ETPF101	1
474	Gasket - Exhaust Box	ETPL001	1
475	Gasket - Secondary Heat Exchanger	ETHL003	1
477	Clamp - Condensate Hose NO.35	SAD6670	4
478 479	Thermistor - Exhaust	ETHH002	1
	Gasket - Exhaust Thermistor	ETHL004	1

Hot-water feed route 2 NERC11DV (GQ-C3257WX-FF ET US)

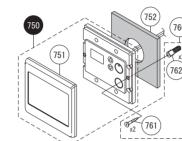
Nos.	Part Names	Order Nos.	Q'ty/unit
	Packing - Exhaust Thermistor	ETHL006	1
	Freeze Prevention Heater - Condensate Container	ETHH004	1
	Pipe - Inlet to Bypass Servo	ENJD005	1
35	Pipe - Flow Sensor to SS Heat Exchanger	ETPD001	1
	Pipe - 1/4" Drain from CU Heat Exchanger (SET)	SKH7167	1 <for after="" sales="" service<="" td=""></for>
37	Cover - Condensate Container	ETPA071	1
	Cover - Waterproof	DTJL009	1
	Clamp - Freeze Prevention Clamp - Freeze Prevention	DLKH005 ELVL011	1 1
	Clamp - Freeze Prevention	HBNL001	1
	Thermistor -Scale Detection (SET)	SKJ71N1	1
,,	Highinator - Joans Detection (JLT)	3807111	
31	Screw - Round Head Medium Tapping M4X10 S305		
32	Screw - Short Machined M4X6 S410		
34	Screw - Round Head Medium Tapping M4X10 S410		
	Screw - Small Tapping M4X25 XM7		
	Screw - Black Set M4X8 S430		
37	Screw - Round Head Tapping 3X6		
-			
-			
\neg			
_			
\neg			
П			

Electronic control unit and Remote controller NERC11DV (GQ-C3257WX-FF ET US)



Remote controller

RC-7651M-ENG



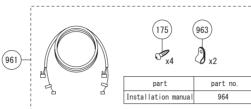
Attached set

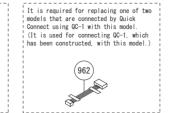


Attached set NERC11DV (GQ-C3257WX-FF ET US)

(Special part>		
Special part	Special part no.	
Owner's guide	888	
Installation manual	889	
To request a French version of the Owner's guide or Installation		

manual, contact Noritz America.



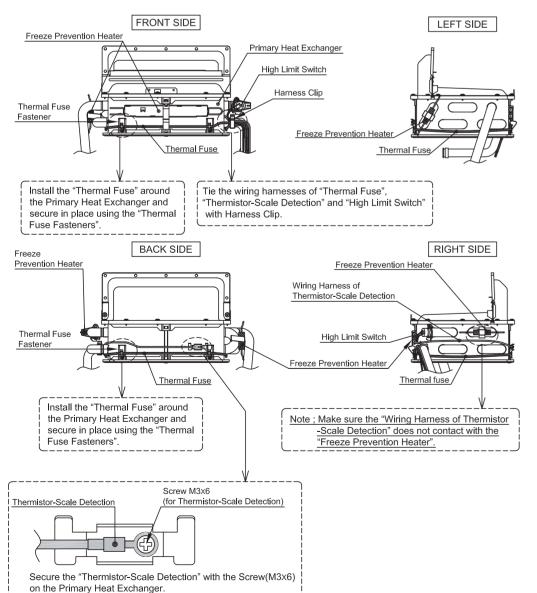


≪Thermal Fuse Replacement Procedure≫

Move the "Freeze Prevention Heaters", "Thermal Fuse Fasteners", "High Limit Switch" "Thermistor-Scale Detection", and "Harness Clip" from the old Primary Heat Exchanger

(See 4 side view pictures below for location of each part.)

Note; Only tighten by a hand screwdriver (No Drills).



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 error code "C*#*~C*#*" is flashing on the Remote Controller (or Operation Panel**), it means there is Scale Build-up in the Heat Exchanger. 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 error code "C*#*~C*#*", the Heat Exchanger must be flushed.

If the error code "C*#*" is displayed and flashing on the Remote Controller (or Operation Panel**), please contact Noritz America (866-766-7489).

**= 1, 2, 3, 4, F / # = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

** NR98DVC(GQ-2857WX-FFA US) and NR83DVC(GQ-2457WS-FFA US) only.

*** Connect the "blue connector for flushing" near the Circuit Board when flushing the Heat Exchanger.

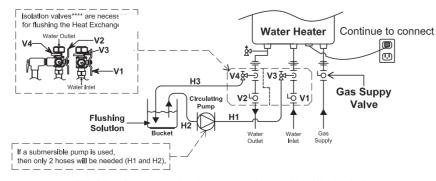
After connecting it, the water heater is set to "Flushing Mode".

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

Basic Procedure

\ll Procedure 1. The preparation of the flushing system \gg

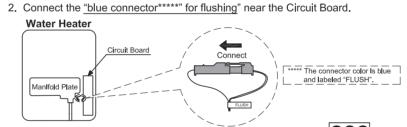
- 1. Close the gas supply valve.
- 2. Close the water inlet valve (V1) and the water outlet valve (V2).
- 3. Connect the one drain hose (H1) to the drain valve (V3), and then the other to the circulating pump.
- 4. Connect the drain hose (H2) to the circulating pump.
- 5. Connect the drain hose (H3) 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).



**** Isolation valves may be purchased as an accessory from an authorized Noritz wholesaler. They allow for full diagnostic testing and easy flushing of the system.

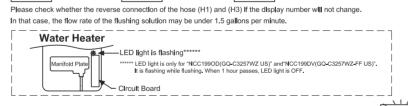
≪Procedure 2. Flushing the Heat Exchanger≫

1. Open the Front Cover.



- 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.

Detects the flow C60 1 minute passes C59



6. When 1 hour passes, the code "C00" is flashing on the Remote Controller. - C00 - Flashing Do not disconnect the "blue connector 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.



- solution out of the water heater for about 10 seconds.

 Place the bucket under the water heater to receive drained water. 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 for flushing" near the Circuit Board. The code "C00" goes out on the Remote Controller.
- 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.

Electronic control unit, Remote controller and Attached set

ETHA023 EYSJ021

QXUJ017 QMEA003

SBB818B

SAG4672

NERC11DV (GQ-C3257WX-FF ET US)

Wiring Harness - NRC111DV (GQ-C3257WX-FF US)

Cover - Circuit Board Cover - Circuit Board Water Resistan

750 Remote Controller - RC-7651M (SET)
751 Cover - Remote
752 Mounting Packing - Remote
750 Sorew Package - Remote (SET)
761 Sorew - Round Head Wood M4.1X25 S305
762 Dry Wall Apply F6725

800 Box - GQ-C3257WX-FF ET U

Remote Cord - 6ft Wood Screw set5

803 Screw - Round Head Wood 4.8X38 S305

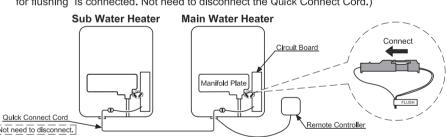
Adaptor - QC-1 to QC-2

Wire Clamp - Nylon #3 Installation Manual - QC-2

nstallation Manual - NERC11DV (GQ-C3257WX-FF ET US)

In case of the "Quick Connect Multi System Procedure" 1. Connect the "blue connector for flushing" of need to be flushed.

(The water heater is isolated from Quick Connect Multi system when the "blue connector for flushing" is connected. Not need to disconnect the Quick Connect Cord.)



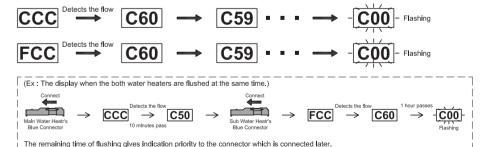
2. Then the code "CCC" or "FCC" is displayed on the Remote Controller.

ICCC is displayed when the Main Water Heater's bule connector is connected.

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

- 2. 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.
- (LED light is flashing while flushing the heat exchanger. See the "Procedure 2.5".)
- 3. When 1 hour passes, the code "C00" is flashing on the Remote Controller.

Do not disconnect the "blue connector for flushing".



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



- 6. <u>Disconnect the "blue connector for flushing".</u> The Code <u>"C00"</u> goes out on the Remote Controller.
- Close the Front Cover.
- 8. Open the gas supply valve and water out let valve.
- 9. Check for correct operation of the water heater.

See the Installation Manual in case of the "Multi System's Flushing Procedure".

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