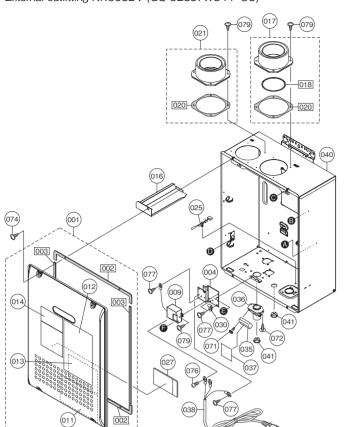
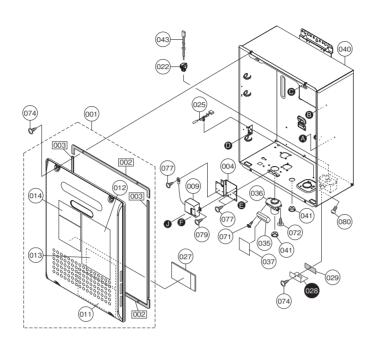
External outfitting NRC98DV (GQ-C2857WS-FF US)



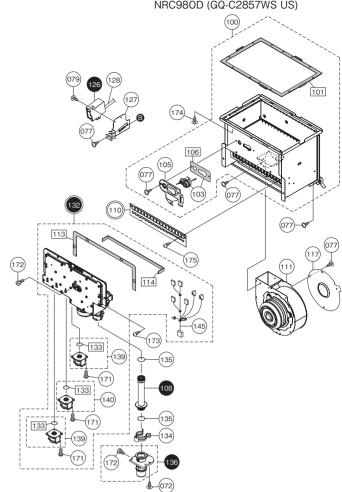
External outfitting NRC980D (GQ-C2857WS US)



External outfitting NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)

Part Nos.	Part Names	Order Nos.	Q'ty/unit
	Front Cover - NRC98DV (GQ-C2857WS-FF US)	SKJ71JQ	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
001			
	Front Cover - NRC980D (GQ-C2857WS US)	SKJ71JR	1 <gq-c2857ws us=""></gq-c2857ws>
	Gasket - Front Cover Top and Bottom	AAPL015	2
003	Gasket - Front Cover Sides	AAPL017	2
004	Mounting Plate - Terminal Block and/or GFCI	DZTA006	1
	Lightning Protection	ERDJ011	1
	Wiring Diagram	EYWK001	1
	Label - Outside Front Cover Caution Label	ELVK003	1
	Label - Inside Front Cover Caution Label	ELVK006	1
	Label - Name Plate	ELVK010	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	Label - Name Plate	ELVK009	1 <gq-c2857ws us=""></gq-c2857ws>
016	Air intake deflector plate - plastic	ENJA016	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
017	Exhaust Flue w/ O-Ring and Gasket (SET)	ETHF021	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	0-Ring - Exhaust Flue Φ92	ETHF025	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	Gasket - Exhaust Flue	ETHF024	2 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	Intake Flue w/ Gasket (SET)	ETHF024	1 <g0-c2857ws-ff us=""></g0-c2857ws-ff>
	Inlet Power Wire Clip	ETPA073	1 <gq-c2857ws us=""></gq-c2857ws>
	Thermistor - Air	BWCH003	1
027	Parts List/Technical sheet	EYWK043	1
028	Junction Box Cover	ENJA025	1 <gq-c2857ws us=""></gq-c2857ws>
029	Gasket - Junction Box Cover	ENWL005	1 <gq-c2857ws us=""></gq-c2857ws>
	Wire Clamp - Nylon	7287909	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	Cover - External Remote Terminal Block	DNSA025	1
	External Remote Terminal Block	DNSA026	1
037	Label - Remote Terminal Caution Label	ENJK002	1
038	Power Supply Cord	ERDJ013	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
040	Case - NRC98DV (GQ-C2857WS-FF US)	ETHA011	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
	Case - NRC980D (GQ-C2857WS US)	FTHA001	1 <gq-c2857ws us=""></gq-c2857ws>
041	Wire Grommet - Bubber	CXPA026	2
043	Inlet Power Wires	ENJJ020	1 <gq-c2857ws us=""></gq-c2857ws>
071	Screw - Remote Terminal Cover M4X12 S410		
072	Screw - Long Machine M4X12 S410		
	Screw - Front Cover with washer M4X12 S410		
	Screw - GFCI M3.5X6 S430		
	Screw - Short Tapping M4X8 S410		
080	Screw - Long Tapping M4X12 S410 Screw - Remote Terminal M4X8 S430		<gq-c2857ws us=""></gq-c2857ws>

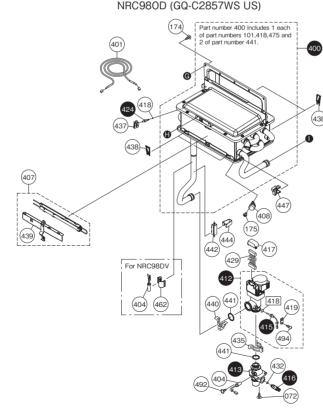
Combustion unit and gas route NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)



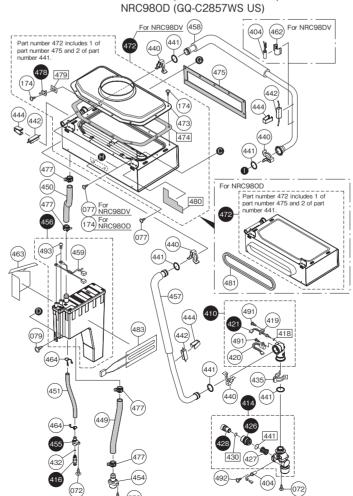
Combustion unit and gas route NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)

art Nos.	Part Names	Order Nos	Q'ty/unit
100	Burner w/ Gasket and Ignition Plug (SET)	SKG7858	1
101	Gasket - Burner	ERDL011	i
103	Ignition Plug w/ Gasket	SKG7311	1
105	Mounting Plate - Ignition Plug	EGLC014	1
106	Gasket - Ignition Plug	EHKL001	1
108	Gas Pipe	ETHE001	1
110	Burner Damper 17-16	EFWC036	1 <gq-c2857ws-ff i<="" td="" us=""></gq-c2857ws-ff>
	Burner Damper 17-15	EFWC035	1 <gq-c2857ws lf<="" td="" us=""></gq-c2857ws>
	Burner Damper 17-12	EFWC032	1 <gq-c2857ws no<="" td="" us=""></gq-c2857ws>
	·		1 <gq-c2857ws-ff n<="" td="" us=""></gq-c2857ws-ff>
111	Fan Motor w/ Housing	SKD7441	1 <gq-c2857ws-ff td="" us<=""></gq-c2857ws-ff>
	Fan Motor w/ Housing	SKC7683	1 <gq-c2857ws us=""></gq-c2857ws>
113	Gasket - Manifold Plate Top	ERDL007	1
114	Gasket - Manifold Plate Bottom	ERDL009	i
117		EHKF424	
117	Fan Plate φ40		1 <gq-c2857ws-ff td="" us<=""></gq-c2857ws-ff>
	Fan Plate ϕ 48	CRUC046	1 <gq-c2857ws us=""></gq-c2857ws>
126	Igniter	ERDJ112	1
127	Mounting Plate - Igniter	DTJA015	1
128	High Voltage Igniter Wire	SAC1229	1
132	Gas Valve w/ Manifold Plate 16 (SET)	SKG7860	1 <gq-c2857ws-ff td="" us<=""></gq-c2857ws-ff>
	Gas Valve w/ Manifold Plate 26 (SET)	SKH7026	1 <gq-c2857ws-ff n<="" td="" us=""></gq-c2857ws-ff>
	Gas Valve w/ Manifold Plate 15 (SET)	SKG7989	1 <gq-c2857ws lf<="" td="" us=""></gq-c2857ws>
	Gas Valve w/ Manifold Plate 25 (SET)	SKG7994	1 <gq-c2857ws no<="" td="" us=""></gq-c2857ws>
133	O-Ring - Gas Solenoid	SAA6044	3
134	"C" Clamp - Gas Pipe 16B	6340407	1
135	O-Ring - Gas P18	2110903	2
136	Inlet Gas Connection w/ Screw (SET)	ELVE021	1
139	Gas Manifold Solenoid 1	SKG7315	2
140	Gas Manifold Solenoid 2	SKG7316	1
145	Wiring Harness - Gas Valve	ERDJ015	1
171	Screw - Machine w/ guide M4X12		
172	Screw - Inlet and Manifold Gas M4X8	SAC6082	2
173	Screw - Large Manifold Plate M5X16 S410		
174	Screw - Medium Tapping M4X10 S410		
175	Screw - Small Tapping w/o collar M4X8 S410		

Hot-water feed route 1 NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)



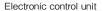
Hot-water feed route 2 NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)

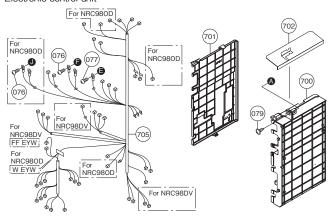


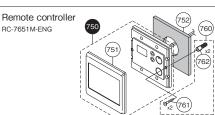
Hot-water feed route NRC98DV (GQ-C2857WS-FF US) NRC980D (GQ-C2857WS US)

	NRC980D (GQ-C2857W	5 05)	
Part Nos.	Part Names	Order Nos.	Q'ty/unit
400	Heat Exchanger Kit (DV) (SET)	SKJ71JA	1
401	Thermal Fuse	SKG7863	1
404	Freeze Prevention Heater - Round Short	ERDH003	4 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
407	Freeze Prevention Heater - Round Short	ERDH003	2 <gq-c2857ws us=""></gq-c2857ws>
407	Freeze Prevention Heater - Double Round (SET)	SKG7317	1
408	High Limit Switch	ELVH002	
410 412	Water Flow Sensor (SET) Water Servo (SET)	ERDD011 ETHD025	1
412	Outlet Water Connection	EHUD004	1
414	Inlet Water Connection (SET)	ETHD021	1
415	Thermistor - Hot Water	BWCD096	1
416	Drain Cock	CRUD003	2
417	Wire Cover - Servo	EBTD023	1
418	0-Ring - Thermistor High Temp P4	1323709	3
419	Thermistor Holding Plate	ALSD088	2
420	Magnetic Sensor - Flow Sensor	BWCD090	1
421	Thermistor - Cold Water	BWCD097	1
424	Thermistor -Heat Exchanger	BWCD098	1
426	Water Filter Cap	ETHD026	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
432	O-Ring - High Temp P3	SAD6633	2
435	"C" Clamp - Water Pipe 16A	6340300	2
437	"C" Clamp - Thermistor	CRUD055	1
438 439	Clamp -Thermal Fuse	EGLH002 ERDH011	4
439	Clamp - Freeze Prevention "C" Clamp - Water Pipe 16-25	SAD6593	5
441	O-Ring - High Temp P16	3223302	8
442	Freeze Prevention Heater -Rectangle	5223302 FRDH002	4
444	Clamp -Freeze Prevention	AMML001	4
447	Clamp - Harness	SAB2775	1
449	Drain Hose - Condensate	ETHF051	1
450	Drain Hose - SS HEX	ETHF052	1
451	Drain Hose - Container	ETHF053	1
454	Drain Connection - Condensate	EPHF001	1
455	Drain Connection - Neutralizer / Condensate Container	EMDF309	1
456	Condensate Container (SET)	SKG7864	1
457	Pipe - Flow Sensor to SS Heat Exchanger	ETHD001	1
458	Pipe - Heat Exchanger SS to CU	ETHD007	1
459	Wiring Harness - Water Level Electrode	EMUJ001	1
462	Clamp - Freeze Prevention	ETHH003	2 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
463	Cover - Condensate Container	ETHA024	1
464	Clamp - Container Hose $\phi 8$	DEGD004	2
472	Heat Exchanger Kit - Secondary SS (DV) (SET) Heat Exchanger Kit - Secondary SS (OD) (SET)	SKG7865 SKG7995	1 <gq-c2857ws-ff us=""> 1<gq-c2857ws us=""></gq-c2857ws></gq-c2857ws-ff>
473	Exhaust Box	ETPF101	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
473	Gasket - Exhaust Box	ETPF101	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
475	Gasket - Secondary Heat Exchanger	ETHL003	1
477	Clamp - Condensate Hose NO.35	SAD6670	4
478	Thermistor - Exhaust	ETHH002	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
479	Gasket - Exhaust Thermistor	ETHL004	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
480	Packing - Exhaust Thermistor	ETHL006	1 <gq-c2857ws-ff us=""></gq-c2857ws-ff>
481	Gasket - Exhaust (OD)	CZRL001	1 <gq-c2857ws us=""></gq-c2857ws>
483	Freeze Prevention Heater - Condensate Container	ETHH004	1 <gq-c2857ws us=""></gq-c2857ws>
491	Screw - Round Head Medium Tapping M4X10 S305	1	
492	Screw - Short Machined M4X6 S410		
493	Screw - Small Tapping M4X20	1	
494	Screw - Round Head Medium Tapping M4X10 S410	1	

Electronic control unit, Remote controller and Attached set NRC98DV (GQ-C2857WS-FF US)·NRC980D (GQ-C2857WS US)













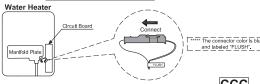
<special part=""></special>	
Special part	Special part no.
Owner's guide	888
Installation manual	889

^{*} To request a French version of

≪Procedure 2. Flushing the Heat Exchanger≫

1. Open the Front Cover.

2. Connect the "blue connector*****" 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.



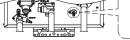
- 6. When 1 hour passes, the code "C00" is flashing on the Remote Controller. -C00 Flashing Do not disconnect the "blue connector for flushing".
- 7. Turn off the circulating pump.

≪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





C111**(GQ-C3257WX**) or NCC199**(GQ-C3257 talled, the unit has the "Water Drain Valve" from the bottom of the water heater.

Carefully unscrew the "Water Drain Valve" to rinse flushing solution out of the water heater for about 10 seconds.

- 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.

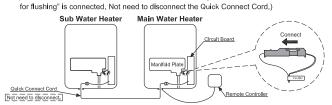


Electronic control unit, Remote controller and Attached set NRC98DV (GQ-C2857WS-FF US)·NRC980D (GQ-C2857WS US)

If Board - Circuit Board - Circuit Board - Circuit Board H - Circu	SHC70V3 ERDJ008 ETHA023 EYWJ021 EYWJ011 QXUJ017 QMEA003 QHUA115 QQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1 <g0-c2857ws 1="" 1<g0-c2857ws-ff="" 1<g0-c2857ws-us:="" <g0-c2857ws="" th="" u:="" us:="" us:<=""></g0-c2857ws>
r - Circuit Board Water Resistant g Hamses - NRCSBOV (GC-C2857WS-FF US) g Hamses - NRCSBOV (GC-C2857WS US) y Hamses - NRCSBOD (GG-C2857WS	ETHA023 EYWJ021 EYWJ011 OXUJ017 OMEA003 OHUA115 OQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1
k Hamess - NRC980V (GC-C2657WS-FF US) g Hamess - NRC980D (GC-C2857WS US) Me Controller - RC-7651M (SET) r - Remote tring Packing - Remote (SET) v - Round Head Wood M4.1X25 S305 Vall Anchors6X25 Me Cord - 10 ft Screw set Screw set Feakage - Mounting OD v - Round Head Wood 4.8X38 S305	EYWJ021 EYWJ011 OXLJJ017 OMEA003 OHUA115 OQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1-GO-C2857WS-FF U 1-GO-C2857WS-FF U 1-GO-C2857WS-FF U 1-GO-C2857WS-FF U 1-GO-C2857WS-FF UGO-C2857WS-FF UGO-C2857WS-FF U
g Hamess - NRC980D (GQ-C2857WS US) the Controller - RC-7651M (SET) r - Remote thing Packing - Remote y- Round Head Wood M4.1X25 S305 Yall Anchora6X25 tile Cord - 10 ft Screw sel5 y- Round Head Wood 4.8X38 S305 y- Round Head Wood 4.8X38 S305 y- Round Head Wood 4.8X38 S305	EYWJ011 QXUJ017 QMEA003 QHUA115 QQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 1 1 <go-c2857ws-ff u:<br=""><go-c2857ws us-<br=""><go-c2857ws td="" us-<=""></go-c2857ws></go-c2857ws></go-c2857ws-ff>
g Hamess - NRC980D (GQ-C2857WS US) the Controller - RC-7651M (SET) r - Remote thing Packing - Remote y- Round Head Wood M4.1X25 S305 Yall Anchora6X25 tile Cord - 10 ft Screw sel5 y- Round Head Wood 4.8X38 S305 y- Round Head Wood 4.8X38 S305 y- Round Head Wood 4.8X38 S305	OXLJ017 OMEA003 OHUA115 QQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 1 1 11 14 6 0C2857WS US 34 6 06 0C2857WS US 3
title Controllier - RC-7651M (SET) - Remotie Inting Packing - Remote Inting Packing - Remote V - Round Head Wood M4.1X25 S305 V - Round Head Wood M4.1X25 S305 Vall Anchors6X25 Inting Packing - Vall Anchors6X25 Inting Vall Anchors6X25 Inting Vall Anchors6X25 Vall Anchors6X25 Inting Vall Anchors6X25 Vall Ancho	OXLJ017 OMEA003 OHUA115 QQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 1 1 11 14 6 0C2857WS US 34 6 06 0C2857WS US 3
r - Bernote ting Packing - Bemote v Package - Remote(SET) v - Round Head Wood M4.1X25 S305 Vall Anchors6X25 Idle Cord - 10 ft Screw set5 Screw set5 V Package - Mounting OD v - Round Head Wood 4.8X38 S305 v - Round Head Wood 4.8X38 S305 v - Wourling Machine M5X12 S430	OMEA003 OHUA115 QQUA100 SKJ71QH ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 1 1 <go-c2857ws-ff u:<br=""><go-c2857ws us-<br=""><go-c2857ws td="" us-<=""></go-c2857ws></go-c2857ws></go-c2857ws-ff>
tinity Packing - Remote y- Package - Remote y- Round Head Wood M4.1X25 \$305 wall Anchors6X25 site Cord - 10 ft Screw sel5 Uscrew sel5 y- Package - Nounting OD y- Round Head Wood 4.8X38 \$305 y- Round Head Wood 4.8X38 \$305	OHUA115 QQUA100 SKJ710H ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 1 <gq-c2857ws-ff us<br=""><gq-c2857ws-ff us<br=""><gq-c2857ws-ff td="" us<=""></gq-c2857ws-ff></gq-c2857ws-ff></gq-c2857ws-ff>
\times \text{Package - Remote(SET)} \text{V = Round Head Wood M4.1X25 S305} \text{Vall Anchors6X25} \text{Vall Anchors6X25} \text{Vall Cord - 10 ft} \text{Vall Cord - 10 ft} \text{Vall Screw setS} Val	SKJ71QH ETHM001 SAF6007 SAB2286	1 1 <g0-c2857ws-ff u:<br="">1<g0-c2857ws-us- <g0-c2857ws-us-< td=""></g0-c2857ws-us-<></g0-c2857ws-us- </g0-c2857ws-ff>
v - Round Head Wood M4.1X25 S305 Wall Anchors6X25 site Cord - 10 ft Screw set5 V=ckes65 V=ck	SKJ710H ETHM001 SAF6007 SAB2286 SBB80JP	1 1 1 <g0-c2857ws-ff ui<br="">1<g0-c2857ws-ff us<br=""><g0-c2857ws-ff us<br=""><g0-c2857ws-us< td=""></g0-c2857ws-us<></g0-c2857ws-ff></g0-c2857ws-ff></g0-c2857ws-ff>
vial Anchors6X25 via Cord - 10 ft Screw seg: Screw seg: Fordkage - Mounting OD v - Round Head Wood 4.8398 \$305 v - Mounting Motine MSX12 \$430	ETHM001 SAF6007 SAB2286 SBB80JP	1 1 <gq-c2857ws-ff us<br="">1<gq-c2857ws uss<br=""><qq-c2857ws-ff us<br=""><gq-c2857ws td="" uss<=""></gq-c2857ws></qq-c2857ws-ff></gq-c2857ws></gq-c2857ws-ff>
ole Cord - 10 ft Screw self	ETHM001 SAF6007 SAB2286 SBB80JP	1 1 <gq-c2857ws-ff us<br="">1<gq-c2857ws uss<br=""><qq-c2857ws-ff us<br=""><gq-c2857ws td="" uss<=""></gq-c2857ws></qq-c2857ws-ff></gq-c2857ws></gq-c2857ws-ff>
I Screw set5 v Package - Mounting OD v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	ETHM001 SAF6007 SAB2286 SBB80JP	1 1 <gq-c2857ws-ff us<br="">1<gq-c2857ws uss<br=""><qq-c2857ws-ff us<br=""><gq-c2857ws td="" uss<=""></gq-c2857ws></qq-c2857ws-ff></gq-c2857ws></gq-c2857ws-ff>
I Screw set5 v Package - Mounting OD v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	ETHM001 SAF6007 SAB2286 SBB80JP	1 1 <gq-c2857ws-ff us<br="">1<gq-c2857ws uss<br=""><qq-c2857ws-ff us<br=""><gq-c2857ws td="" uss<=""></gq-c2857ws></qq-c2857ws-ff></gq-c2857ws></gq-c2857ws-ff>
I Screw set5 v Package - Mounting OD v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	SAF6007 SAB2286 SBB80JP	1 <gq-c2857ws-ff u:<br="">1<gq-c2857ws us:<br=""><gq-c2857ws-ff us<br=""><gq-c2857ws us=""></gq-c2857ws></gq-c2857ws-ff></gq-c2857ws></gq-c2857ws-ff>
v Package - Mounting OD v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	SAB2286 SBB80JP	1 <gq-c2857ws us=""> <gq-c2857ws-ff us<br=""><gq-c2857ws us=""></gq-c2857ws></gq-c2857ws-ff></gq-c2857ws>
v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	SBB80JP	<gq-c2857ws-ff us<br=""><gq-c2857ws us=""> 1</gq-c2857ws></gq-c2857ws-ff>
v - Round Head Wood 4.8X38 S305 v - Mounting Machine M5X12 S430	SBB80JP	<gq-c2857ws-ff us<br=""><gq-c2857ws us=""> 1</gq-c2857ws></gq-c2857ws-ff>
v - Mounting Machine M5X12 S430		<gq-c2857ws us=""></gq-c2857ws>
		1
lation Manual - NRC98DV (GQ-C2857WS-FF US) lation Manual - NRC980D (GQ-C2857WS US)	SBB80JR SBB80JQ	1 <gq-c2857ws-ff u:<br="">1<gq-c2857ws td="" us:<=""></gq-c2857ws></gq-c2857ws-ff>

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

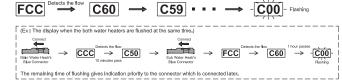


2. Then the code "CCC" or "FCC" is displayed on the Remote Controller.

CCC 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".
- $\begin{array}{c} \hline \text{CCC} \xrightarrow{\text{Detects the flow}} \hline \text{C60} & \longrightarrow & \hline \text{C59} & \blacksquare & \blacksquare & \longrightarrow & \hline \hline \text{C00} \\ \hline \end{array}$



4. Turn off the circulation pump.

5. Rinse and clean the flushing solution out of the water heater in accordance with " $\underline{\text{Procedure 3}}$ ".

(See the "Procedure 3.1-3.5".)

- 6. Disconnect the "blue connector for flushing". The Code "C00" goes out on the Remote Controller.
- 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)

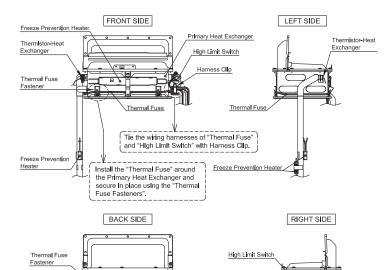
≪Thermal Fuse Replacement Procedure≫

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

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

\Thermal Fuse

Install the "Thermal Fuse" around the Primary Heat Exchanger and secure in place using the "Therma Fuse Fasteners".



Thermal Fuse

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

 $\underline{\text{Damage to the water heater due to Scale Build-up is not covered by the water heater's warranty.}$ 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

- ≪Procedure 1. The preparation of the flushing system≫
- 1. Close the gas supply valve.

remove the Scale Build-up.

- 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).

