| Part Nos. | Part Names | Order Nos. | Q'ty/unit |
|---|---|---|---|
| 001 | Front Cover - GQ-C3260WX-FF US | SKJ72NW | 1<NRCR Series> |
| 001 | Front Cover - GQ-C3260WXQ-FF PB US | SKJ72ZS | 1<PR Series> |
| 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 |
| 008 | 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 | 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 |
| 041 | Thermistor - Air | EZMH101 | 1 |
| 071 | Screw - Front Cover with washer M4X12 S410 | | |
| 074 | Screw - Pre-Coated Machined M4X12 S410 | | |
| 075 | Screw - Long Mounting Machine M4X12 S430 | | |
| 076 | Screw - Remote Terminal M4X10 S430 | | |

Part number 114 includes 1 each of part numbers 126, 130.

Part number 105 includes 1 each of part numbers 037, 465 and 4 of part number 074.

Part number 111 includes 1 each of part numbers 121, 123.

Part number 109 includes 2 of part number 121.

Part number 112 includes 1 each of part numbers 121, 123.

Part number 108 includes 1 of part number 123.
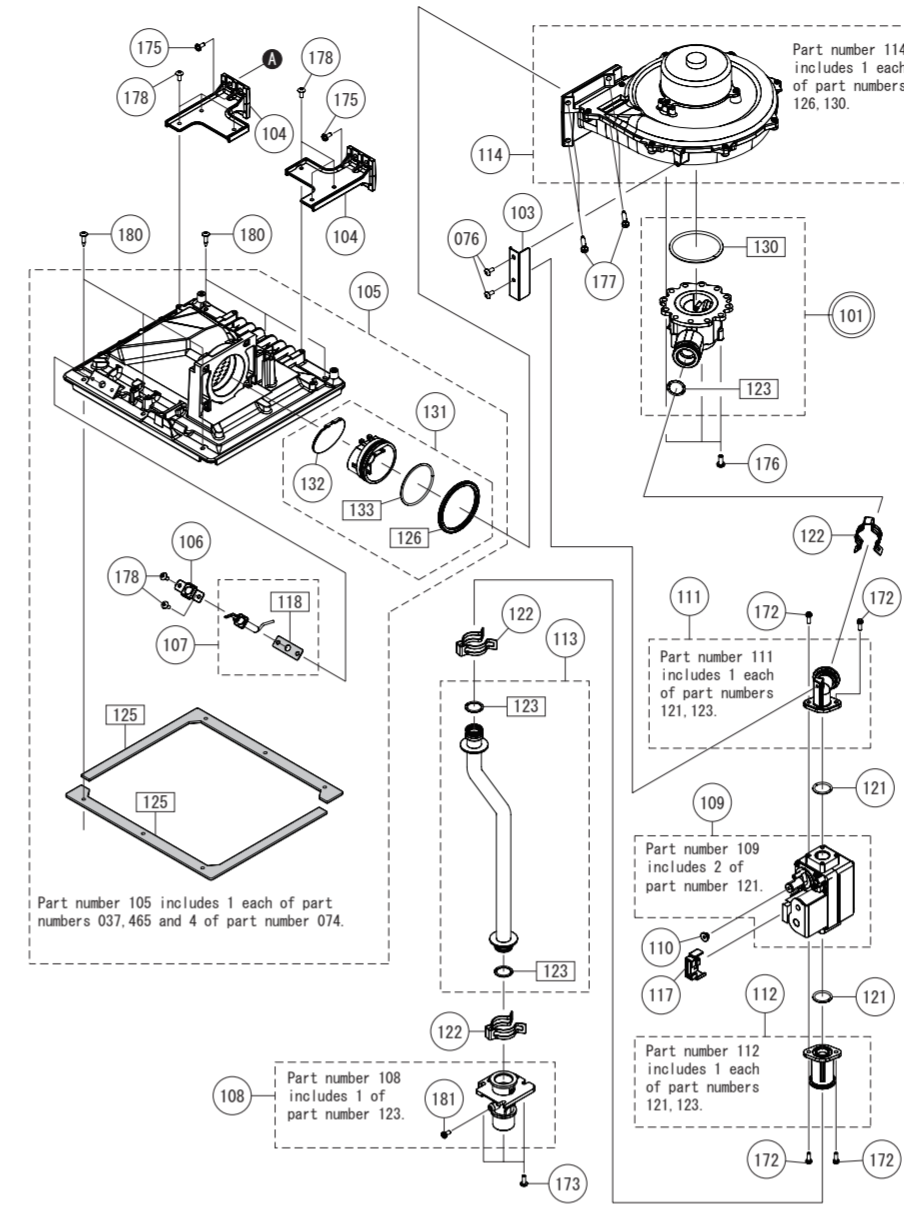
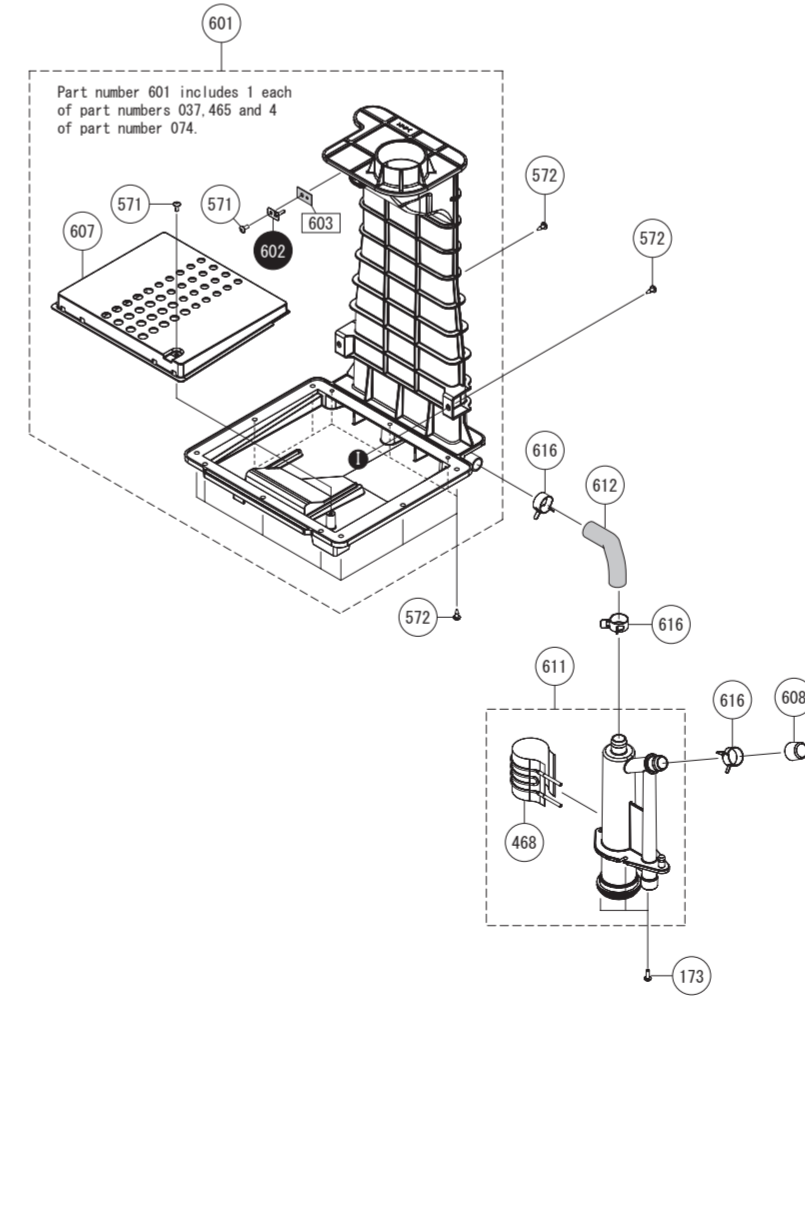| Part Nos. | Part Names | Order Nos. | Q'ty/unit |
|---|---|---|---|
| 101 | Venturi 199kbtuh - LP (SET) | SKJ72N2 | 1<LP> |
| 101 | Venturi 199kbtuh - NG (SET) | SKJ72N3 | 1<NG> |
| 103 | Mounting Plate - Gas Valve | FDAA101 | 1 |
| 104 | Mounting Plate - Chamber | FABC031 | 2 |
| 105 | Burner Chamber (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) | SKJ71WB | 1 |
| 110 | Cover - Offset Adjustment | FABE011 | 1 |
| 111 | Gas Valve Outlet Connector (SET) | SKJ72WR | 1 |
| 112 | Gas Valve Inlet Connector (SET) | SKJ71VX | 1 |
| 113 | Gas Pipe (SET) | SKJ72WS | 1 |
| 114 | Fan Motor w/ Housing | SKJ72N5 | 1 |
| 117 | Cover - Gas Valve Connector | FABJ032 | 1 |
| 118 | Gasket - Flame Lifting Detection | FDAL020 | 1 |
| 121 | O-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 |
| 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 | | |
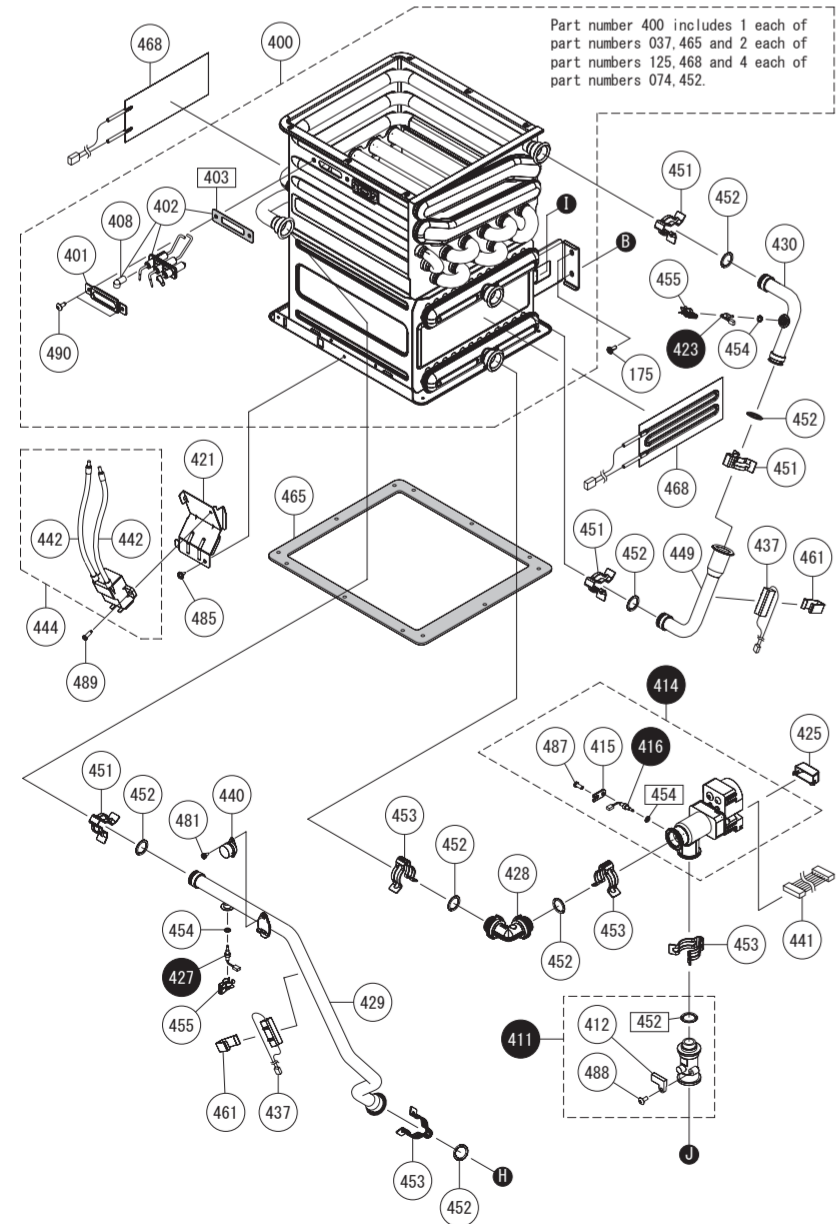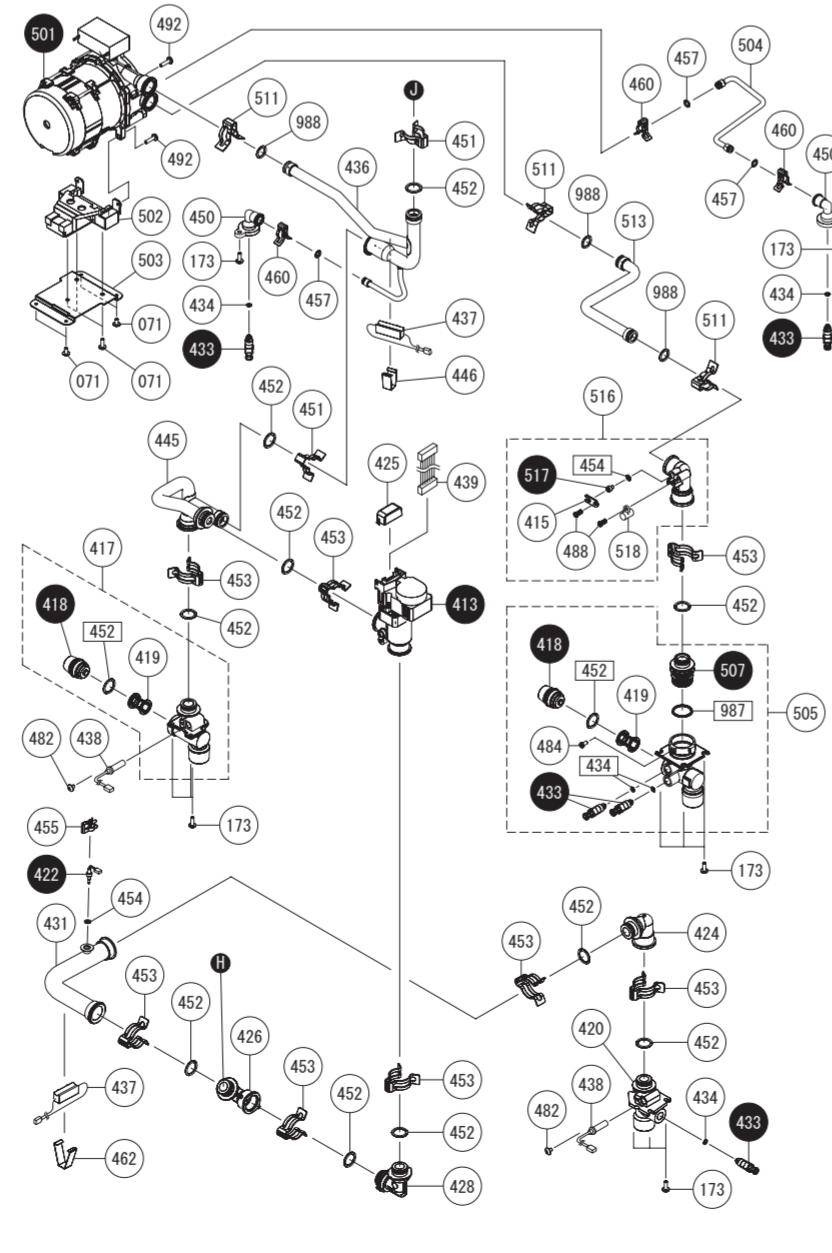
Part number 400 includes 1 each of part numbers 037, 465 and 2 each of part numbers 125, 468 and 4 each of part numbers 074, 452.

Part number 601 includes 1 each of part numbers 037, 465 and 4 of part number 074.

| Part Nos. | Part Names | Order Nos. | Q'ty/unit |
|---|---|---|---|
| 400 | Heat Exchanger Kit (SET) | SKJ72WV | 1 |
| 401 | Mounting Plate - Ignition Plug | FDAB065 | 1 |
| 402 | Ignition Plug w/ Gasket | SKJ72WT | 1 |
| 403 | Gasket - Ignition Plug (HEX) | FDAL009 | 1 |
| 408 | Silicon Sleeve | FDAC052 | 1 |
| 411 | Water Flow Sensor (SET) | EDGD101 | 1 |
| 412 | Magnetic Sensor | DAND019 | 1 |
| 413 | Water Servo - Bypass (SET) | ETFD050 | 1 |
| 414 | Water Servo -Main (SET) | FBMD011 | 1 |
| 415 | Thermistor Holding Plate | ALSD088 | 2 |
| 416 | Thermistor - Red | EZND002 | 1 |
| 417 | Inlet Water Connection (SET) | EHVD001 | 1 |
| 418 | Water Filter Cap | D1JD006 | 2 |
| 419 | Water Filter | EGBD032 | 2 |
| 420 | Outlet Water Connection | EHUD004 | 1 |
| 421 | Mounting Plate - Igniter | FDAA015 | 1 |
| 422 | Thermistor - Pink | EZND003 | 1 |
| 423 | Thermistor - Blue | EZND001 | 1 |
| 424 | Water Connector - Elbow | DYTD002 | 1 |
| 425 | Wire Cover - Servo | EBTD023 | 2 |
| 426 | Water Connector - T-Elbow | FDAD017 | 1 |
| 427 | Thermistor - Yellow | EZND004 | 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 | GRUD002 | 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 | ERDHD02 | 4 |
| 438 | Freeze Prevention Heater - Round Short | ERDHD02 | 1 |
| 439 | Wiring Harness - Bypass Water Servo | ETFJ033 | 1 |
| 440 | High Limit Switch - 194 | FABHD01 | 1 |
| 441 | Wiring Harness - Main Water Servo | JB6JD24 | 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 | O-Ring - Thermistor High Temp P4 | 1323709 | 5 |
| 455 | "C" Clamp - Thermistor | GRUD055 | 3 |
| 457 | O-Ring - High Temp P6 | 3264408 | 3 |
| 460 | "C" Clamp - 1/4" tube 6-13 | SAD6594 | 3 |
| 461 | Clamp -Freeze Prevention | AWML001 | 2 |
| 462 | Clamp - Freeze Prevention | ELVL011 | 1 |
| 465 | Gasket - Exhaust Duct | FDAL003 | 1 |
| 468 | Freeze Prevention Heater - Condensate Container | ETHHD04 | 3 |
| 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 | Screw - Long Mounting Machine M4X12 S410 | | |
| 490 | Screw - Truss Head Self Drilling Tapping 4X12 PS550 | | |
| 492 | 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)

| 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 | FDCAO12 | 1 |
| 504 | Connection Pipe - Pump Water Drain | FDCD105 | 1 |
| 505 | Return Connection (SET) | FDCD011 | 1 |
| 507 | Inlet Water Connection | DJPD012 | 1 |
| 511 | "C" Clamp - Water Pipe 13-22 | SAD6537 | 3 |
| 513 | Return Pipe | FDCDO40 | 1 |
| 516 | Water Flow Sensor (SET) | ESGD037 | 1 |
| 517 | Plug - Water Flow Sensor | AXGDO89 | 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 | ETHHO02 | 1 |
| 603 | Gasket - Exhaust Thermistor | ETHLO04 | 1 |
| 607 | Condensate Drainage Plate | FDAF045 | 1 |
| 608 | Drain Cap | FABFO56 | 1 |
| 611 | Condensate Container (SET) | SKJ71WF | 1 |
| 612 | Drain Hose - SS HEX | FDAF051 | 1 |
| 616 | Clamp - Condensate Hose NO.45 | SAD6536 | 3 |

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

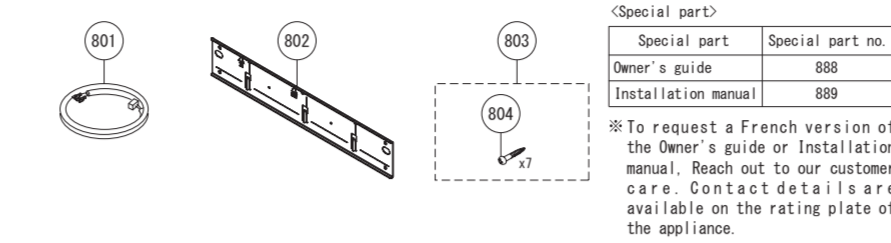## Electronic control unit

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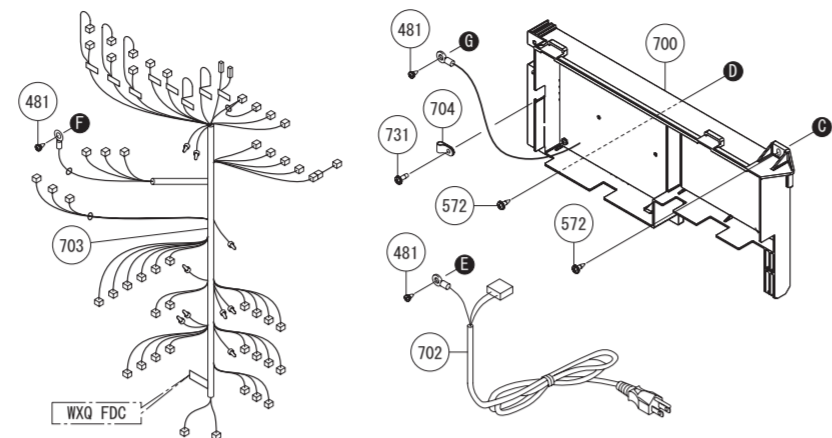
## Remote controller
RC-7651M-A US  (For NRCR Series)
RC-7651M-A NB  (For PR Series)
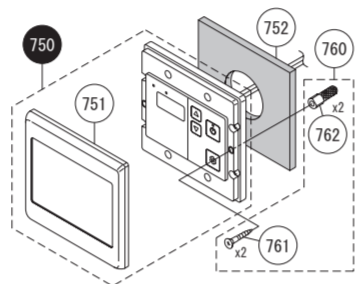

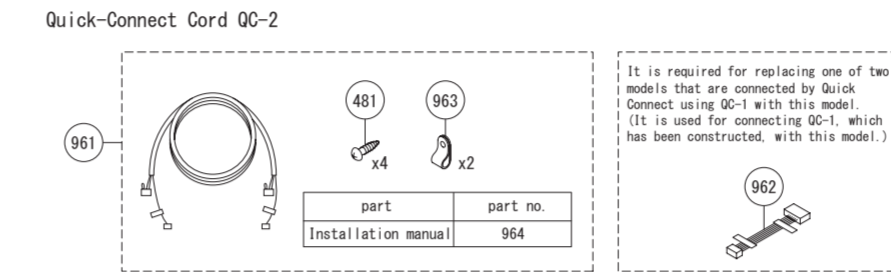# Included Accessories
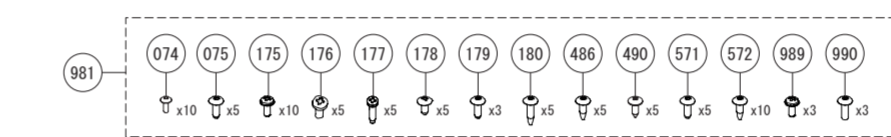NRCR111DV(GQ-C3260WXQ-FF US) · NRCR92DV(GQ-C2660WXQ-FF US)
PR199DV(GQ-C3260WXQ-FF PB US)

## Included Accessories


| 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, Reach out to our customer care. Contact details are available on the rating plate of the appliance.

## Optional Accesories

### Quick-Connect Cord QC-2


| part | part no. |
|---|---|
| Installation manual | 964 |

It is required for replacing one of two models that are connected by Quick Connect using QC-1 with this model. (It is used for connecting QC-1, which has been constructed, with this model.)

### Screw Kit


### O-ring Kit


# 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 | SKJ72WQ | 1 |
| 702 | Power Supply Cord | ERUJO01 | 1 |
| 703 | Wiring Harness - GQ-C3260WXQ-FF US | SKJ72NB | 1 |
| 704 | Wire Clamp - Nylon #4 | 7287909 | 1 |
| 731 | Screw - Remote Terminal Cover M4X12 S410 | | |
| 750 | Remote Controller - RC-7651M-A US (SET) | SHC71HW | 1<NRCR Series> |
| | Remote Controller - RC-7651M-A NB (SET) | SHC71LG | 1<PR Series> |
| 751 | Cover - Remote | QHUAO13 | |
| 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> |
| | Box - GQ-C3260WXQ-FF PB US | SKJ72Z7 | 1<PR Series> |
| 801 | Remote Cord - 6ft | ETHWO01 | 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> |
| | Owner's Guide - GQ-C3260WXQ-FF PB US | SBB819F | 1<PR Series> |
| 889 | Installation Manuale - GQ-C3260WXQ-FF US | SBB8168 | 1<NRCR Series> |
| | Installation Manuale - GQ-C3260WXQ-FF PB US | SBB819G | 1<PR Series> |
| 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 | SAO8992 | 1 |
| 981 | Screw Kit | SKJ72NO | 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 | | |

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## 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≫
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. 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.
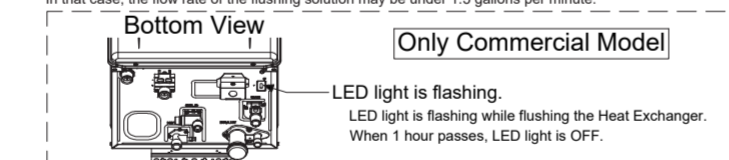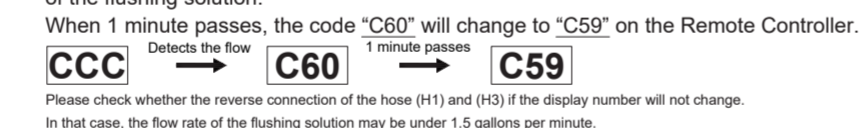8. Open the both drain valves (V3 and V4).
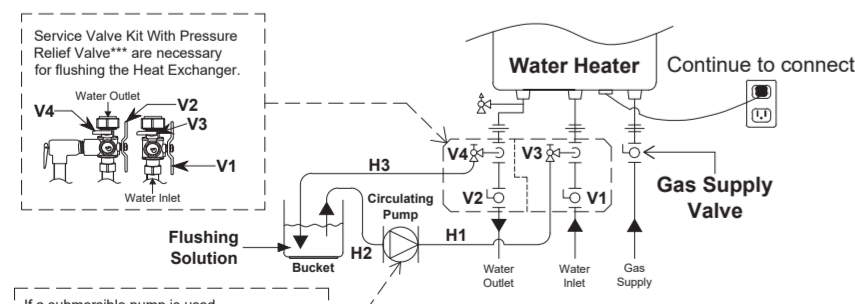


*** Service Valve Kit With Pressure Relief Valve may be purchased as an accessory from an authorized wholesaler. They allow for full diagnostic testing and easy flushing of the system.
Refer to appliance's installation manual or reach out to our customer care, if more information is needed for flushing.
Contact details are available on the rating plate of the appliance.

### ≪Procedure 2. Flushing the Heat Exchanger - For Single Unit≫
1. Open the Front Cover.
2. Connect the blue connector**** marked "FLUSH" for flushing near the Circuit Board.



**** The connector color is blue and labeled "FLUSH".
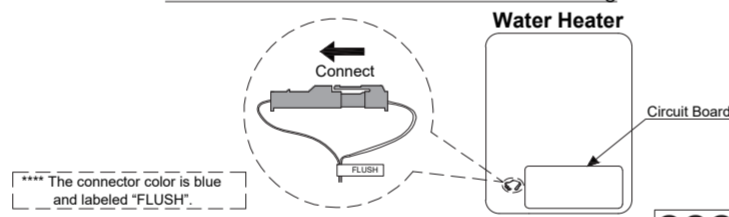
3. Then the code "CCC" is displayed on the Remote Controller.
4. Turn on the circulating pump to circulate the flushing solution through the water heater for 1 hour at a rate of 1.5 gallons per minute or more.
5. The code "C60" is displayed on the Remote Controller when the water heater detects the flow of the flushing solution.
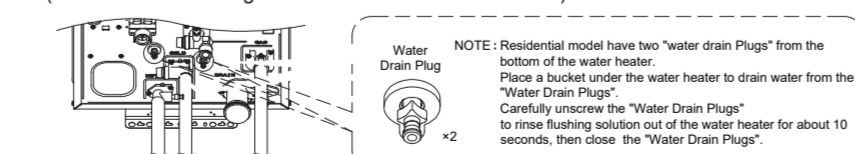When 1 minute passes, the code "C60" will change to "C59" on the Remote Controller.

CCC → (Detects the flow) → C60 → (1 minute passes) → C59

Please check whether the reverse connection of the hose (H1) and (H3) if the display number will not change.
In that case, the flow rate of the flushing solution may be under 1.5 gallons per minute.

Bottom View | Only Commercial Model
LED light is flashing.
LED light is flashing while flushing the Heat Exchanger.
When 1 hour passes, LED light is OFF.

6. When 1 hour passes, the code "C00" is flashing on the Remote Controller. [C00 Flashing]
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.)



NOTE: Residential model have two "water drain Plugs" from the bottom of the water heater.
Place a bucket under the water heater to drain water from the "Water Drain Plugs".
Carefully unscrew the "Water Drain Plugs" to rinse flushing solution out of the water heater for about 10 seconds, then close the "Water Drain Plugs".
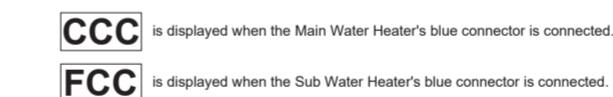
4. Close the drain valve (V4) and then remove the drain hose (H3) from the drain valve (V4).
5. Remove the drain hose (H1) from the drain valve (V3).
6. Disconnect the blue connector marked "FLUSH" for flushing.
The code "C00" goes out on the Remote Controller.
7. Close the Front Cover.
8. Open the gas supply valve and water outlet valve (V2).
9 Check for correct operation of the water heater.

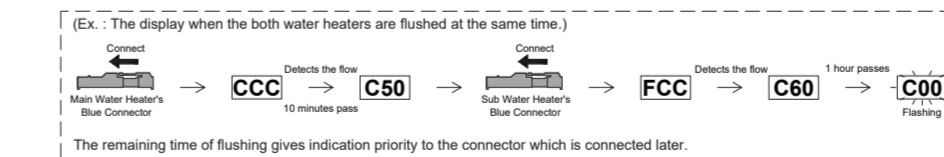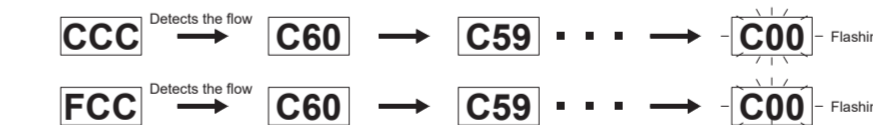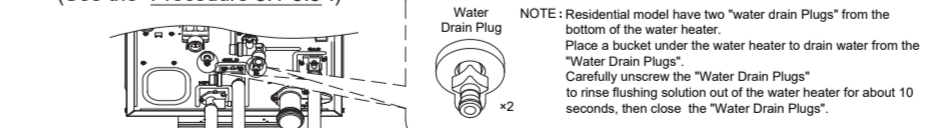### In case of the "Quick Connect Multi System Procedure"
1. Connect the blue connector marked "FLUSH" for unit needing to be flushed.
(The water heater is isolated from Quick Connect Multi System when the blue connector marked "FLUSH" for flushing is connected. Not need to disconnect the Quick Connect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



Sub Water Heater | Main Water Heater
Quick Connect Cord
Do not need to disconnect.
Circuit Board
Remote Controller
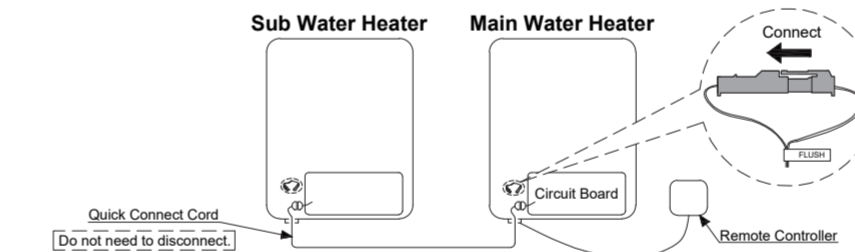
2. Then the code "CCC" or "FCC" is displayed on the Remote Controller.
CCC is displayed when the Main Water Heater's blue connector is connected.
FCC is displayed when the Sub Water Heater's blue connector is connected.

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.

CCC → (Detects the flow) → C60 → C59 · · · → C00 [Flashing]
FCC → (Detects the flow) → C60 → C59 · · · → C00 [Flashing]

(Ex. : The display when the both water heaters are flushed at the same time.)

Main Water Heater's Blue Connector → (Connect) → CCC → (Detects the flow / 10 minutes pass) → C50 → Sub Water Heater's Blue Connector → (Connect) → FCC → (Detects the flow) → C60 → (1 hour passes) → C00 [Flashing]

The remaining time of flushing gives indication priority to the connector which is connected later.

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".)



NOTE: Residential model have two "water drain Plugs" from the bottom of the water heater.
Place a bucket under the water heater to drain water from the "Water Drain Plugs".
Carefully unscrew the "Water Drain Plugs" to rinse flushing solution out of the water heater for about 10 seconds, then close the "Water Drain Plugs".

7. Disconnect the "blue connector for flushing". The Code "C00" 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.