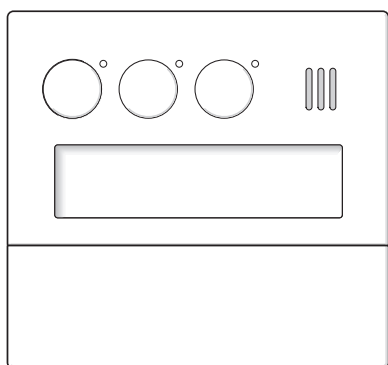


User's Manual

<Operation Guide>

Remote Controller

Model : RC-9018M



Note to Owner:

This User's Manual provides additional details on the operation of this Remote Controller not covered in the Water Heater Owner's Guide. Keep this and all manuals provided with the Water Heater for future reference.

Thank you for purchasing this Remote Controller.

- Please read this User's Manual carefully to ensure appropriate use.
- These operating instructions describe the functions of this Remote Controller. Keep these instructions where they can be found whenever necessary, preferably in the same location as the Owner's Guide provided with the Water Heater.

Contents

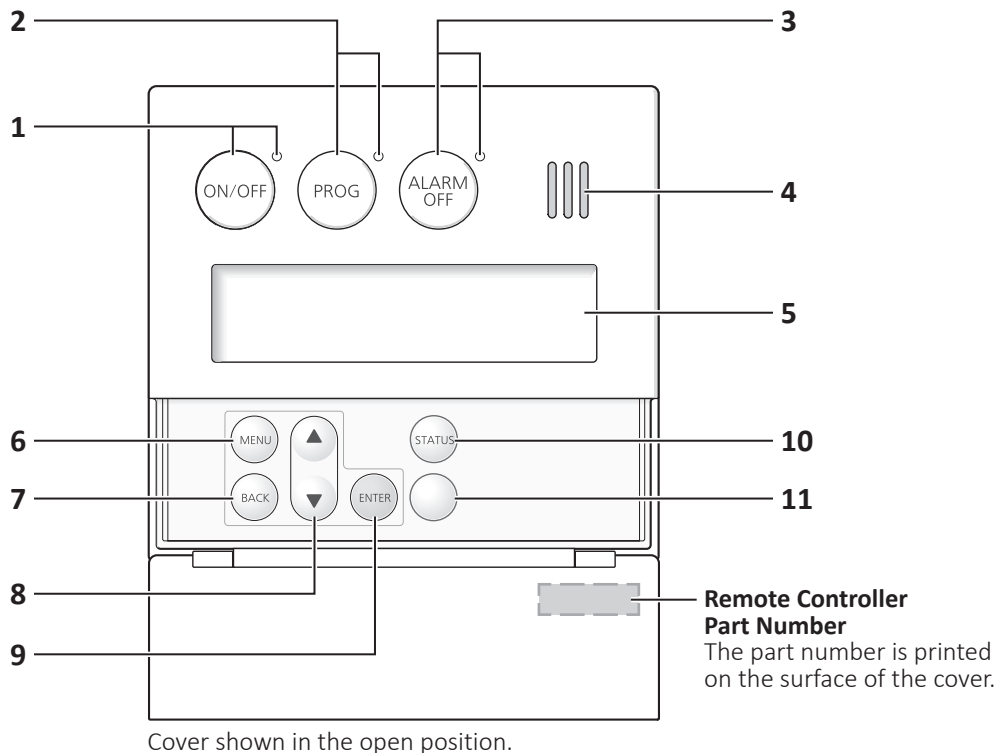
General Parts.....	2
Remote Controller	2
Clock Adjustment	4
Using the Water Heater	5
Setting Hot Water Temperature	5
Automatic Water Heater ON or OFF	
Operation.....	8
Locking the Remote Controller	9
Customizable Settings <Misc settings>..	10
System Check	13
For System [Rcrc].....	14
Disabling Automatic Recirculation	
Operation	14
Manually Stopping Recirculation	
Operation	15
Setting the Recirculation System	
Operation Timer.....	16
Troubleshooting	18
Follow-up Service	19



General Parts

Remote Controller (RC-9018M)

The Remote Controller will emit a tone when a button is pressed.



1. Power Button / Indicator (Green)

For turning the Water Heater ON/OFF.

2. PROG Button / Indicator (Red)

Activate the automatic Water Heater power ON/OFF setting as determined by the user selected schedule. (See page 7)

3. ALARM OFF Button / Indicator (Red)

Stop the tone that is emitted when an error occurs. (See page 18)

4. Speaker

5. Display Screen (See next page)

6. MENU Button

Use to change system settings or to return to the home screen.

If you press the MENU button and press the ▲/▼ buttons, "Sys monitor" is sometimes displayed, however, do not use this mode as it meant for installation or service technician only.

7. BACK Button

Return to the previous screen while making system settings or checking status.

8. ▲/▼ Buttons

For setting the hot water temperature (See page 6), the flow meter alarm, and other settings.

9. ENTER Button

Confirm changes made by the user.

10. STATUS Button

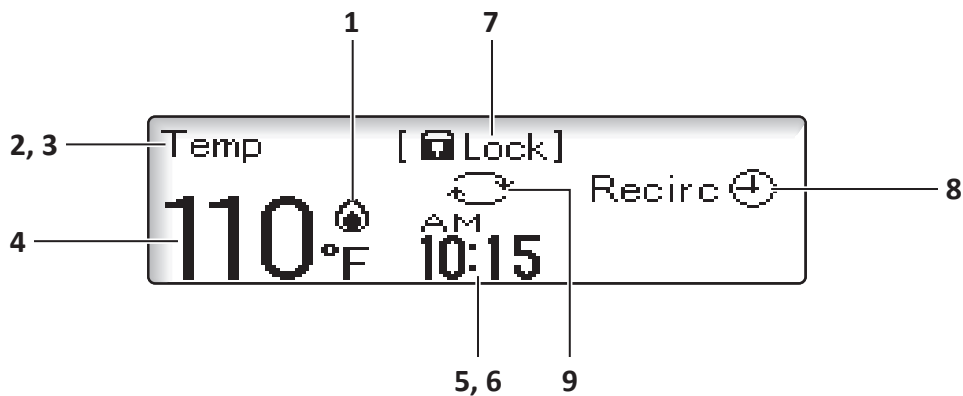
Check the status of the system or the number of installed the Water Heater. (See page 13)

11. Lock Button

Lock Remote Controller operation. (See page 9)

Display Screen

- The display screen shown below is for illustration purposes only. The actual display will vary depending on how the Water Heater is being used.
- After a button is pressed, the display will gradually become darker to prevent unnecessary power consumption by the Remote Controller.



1. Flame Indicator

The flame indicator is displayed during combustion when using hot water or recirculation functions.

2. Display for Temperature Setting

During normal operation, "Temp" is displayed.

3. Display for High Temperature "Hi temp"

Displays when the set temperature is 125°F / 55°C or higher. (See page 6)

4. Temperature Setting (e.g. 110°F)

5. Clock Display (e.g. 10:15 am)

Normally the clock display is not shown when the Power button is OFF.

* This setting can be changed so that the clock is displayed even when the Power button is turned OFF. (See page 10)

6. Error Code

A number will flash if a failure occurs.

7. Locked Display

The lock symbol is displayed when the Remote Controller is locked. (See page 9)

8. Recirculation Timer

The clock symbol is displayed when the recirculation timer is activated. (See page 16)

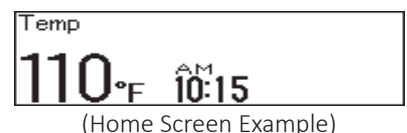
9. Display for Recirculation Operation

- For systems that use recirculation operation, the symbol is displayed when the Power button is turned ON.
- It is displayed during the recirculation operation. (See page 5)

NOTE As shipped from the factory, the Remote Controller is set to display in °F and gallons. To adjust the display to °C and liters, refer to the Installation Manual.

What is the home screen?

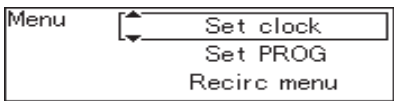
The home screen is displayed when the Power button is ON. Normally, the hot water temperature and the clock, etc. are displayed.



Clock Adjustment

Operation

1. Press the **MENU** button inside the cover.



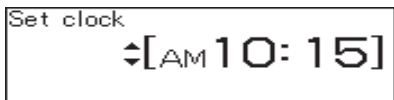
- This adjustment can be made whether the **Power** button is ON/OFF.

2. Press the **ENTER** button.



- **[NRCR model only]**
Temporary time is displayed.

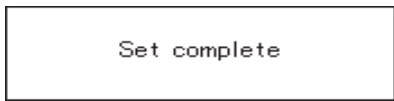
3. Use the **▲/▼** buttons to reset the clock.



(e.g. 10:15 am)

- The time changes in 1 minute increments with each press of the button, and then in 10 minutes increments if the button is pressed and held.

4. Press the the **ENTER** button to complete the clock setting.



The screen returns to the previous screen.

- If the display is left untouched for approximately 20 seconds without pressing the **ENTER** button, the setting will be completed. When the **Power** button is turned ON, the home screen will be restored.

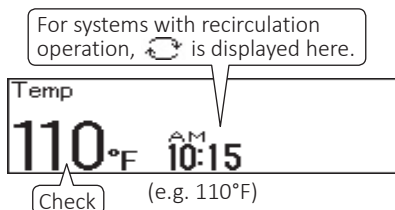
- NOTE**
- In the event of a power outage or after disconnecting power to the Water Heater, when power is restored, the clock on the display screen will show "-- : --" and the clock will need to be reset.
 - **[NRCR model only]**
In the event of a power outage or disconnecting power to the Water Heater, and when power is restored, the clock setting on the display may now read an incorrect time and will need to be reset to the correct time.
 - By default, when the **Power** button is turned OFF, the clock display disappears, but it is possible to display the clock when the **Power** button is turned OFF by changing a setting. (See page 10)

Using the Water Heater

If “System [Tank]” is displayed, hot water will be discharged at the temperature of the storage tank. (See page 13)

Operation

1. The **Power** button is ON.

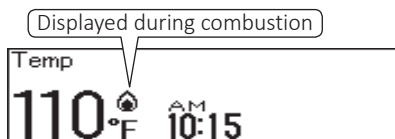




- The Power indicator is displayed.
- The previously set hot water supply temperature is shown.
- The setting temperature displayed may vary from the actual temperature at the fixture depending on conditions such as season or length of piping.

[For systems with recirculation operation]

- If you set the **Power** button to ON, recirculation operation is automatically started. (If “Synchro ON/OFF” was set to ON. (See page 14))

2. Turn on hot water.



- Turn off hot water, the symbol  disappears.
- During recirculation, the symbol  may be continuously displayed.

⚠ DANGER

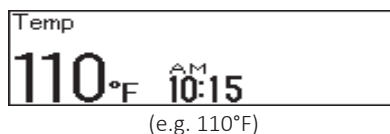
- **To prevent scalding :**
Hot Water Heater temperatures over 125°F (52°C) can cause severe burns instantly or death from scalding.
- Children, disabled and elderly are at the highest risk of being scalded. Feel water temperature before bathing or showering. Temperature limiting valves are available, consult with installer.
- When setting the Water Heater to 125°F (55°C in °C mode) or higher, “Hi temp” will blink for 10 seconds and emit a tone as a high temperature warning.
- Take caution when using the Water Heater again after setting to 125°F (52°C) or higher. Always check the set temperature before use.
- Do not allow anyone to change the water temperature while hot water is running.

Setting Hot Water Temperature

If “System [Tank]” is displayed, hot water will be discharged at the temperature of the storage tank. (See page 13)

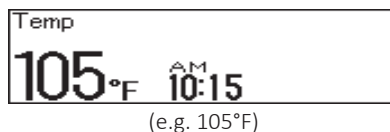
Operation

1. The **Power** button is ON.



- The Power indicator is displayed.
- The previously set hot water supply temperature is shown.

2. Set the temperature using the ▲ / ▼ buttons inside the cover.



- NOTE**
- Hot water temperatures shown are approximate and may differ from the actual temperature at the fixture depending on external factors such as the season and length of piping in the system.
 - When low temperatures are set (for washing dishes, etc.), if the incoming water temperature is already quite high, it may be difficult to ensure the outgoing water temperature is as per the setting.
 - Check the temperature displayed before using any hot water. Be especially careful using hot water after the set temperature has been changed.
 - When the hot water temperature is adjusted using thermostatic water mixing valves, set the temperature on the Remote Controller approximately 20°F (10°C) higher than the required temperature to ensure the appropriate fixture temperature.
 - For most residential applications, the recommended setting temperature is 120°F (50°C in °C mode) or less.

Temperature Setting Options

The temperature settings below are examples.
The temperature setting necessary depends on the usage,
the length of piping and the season.

For residential products beginning with the prefix “NR”:

[When using °F mode] (Default setting is 110°F)

100°F	Washing dishes, etc.
105°F	Shower, hot water supply, etc.
110°F	
115°F	
120°F	
125°F	High temperature*
130°F	(The maximum output temperature
135°F	can be set using the Remote
140°F	Controller. (See page 10))

[When using °C mode] (Default setting is 40°C (104°F))

37°C (99°F)	Washing dishes, etc.
38°C (100°F)	
39°C (102°F)	
40°C (104°F)	
41°C (106°F)	
42°C (108°F)	
43°C (109°F)	
44°C (111°F)	Shower, hot water supply, etc.
45°C (113°F)	
46°C (115°F)	
47°C (117°F)	
48°C (118°F)	
50°C (122°F)	
55°C (131°F)	High temperature*
60°C (140°F)	(The maximum output temperature
	can be set using the Remote
	Controller. (See page 10))

For commercial products beginning with the prefix “NC”:

NOTE These settings are only available on commercial products.

[When using °F mode] (Default setting is 110°F)

100°F	Washing dishes, etc.
105°F	Shower, hot water supply, etc.
110°F	
115°F	
120°F	
125°F	High temperature*
130°F	
135°F	
140°F	
145°F	
150°F	
160°F	
170°F	
185°F	
	(The maximum output temperature
	can be set using the remote
	contoroller. (See page 10))

[When using °C mode] (Default setting is 40°C (104°F))

37°C (99°F)	Washing dishes, etc.
38°C (100°F)	
39°C (102°F)	Shower, hot water supply, etc.
40°C (104°F)	
41°C (106°F)	
42°C (108°F)	
43°C (109°F)	
44°C (111°F)	
45°C (113°F)	
46°C (115°F)	
47°C (117°F)	High temperature*
48°C (118°F)	
50°C (122°F)	
55°C (131°F)	
60°C (140°F)	
65°C (149°F)	
70°C (158°F)	
75°C (167°F)	
80°C (176°F)	
85°C (185°F)	

* Display when high temp is set

Blinks for approximately
10 seconds → Displayed

Hi temp
125°F 10:15
(e.g. 125°F)

- NOTE**
- If the set temperature requires frequent adjustment, locate the Remote Controller in an easily accessible location.
 - Consult local codes for minimum operating temperatures.
 - Noritz recommends that water temperature is set as low as possible to prevent scale build-up in the heat exchanger.

Automatic Water Heater ON or OFF Operation

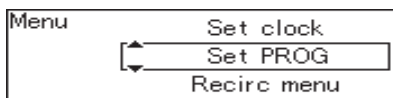
- If you set the time to turn ON or OFF the **Power** button, the **Power** button is automatically turned ON or OFF at the set time every day by just turning the **PROG** button ON.
- It is also possible to set only ON or OFF operation.
- For recirculation systems, circulation is started or stopped according to the **Power** button condition, ON or OFF.

Operation

Set the time to turn ON or OFF the Power button automatically

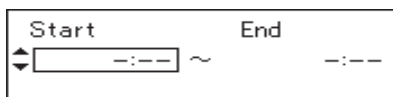
This example describes setting the “ON time” and “OFF time” to 10:00 am and 8:00 pm, respectively.

1. Check that the current time is properly set.
(Setting the time : See page 4)
2. Check the **PROG** button is set to OFF.
3. Press the **MENU** button inside the cover, Select “Set PROG” using the ▲/▼ buttons.



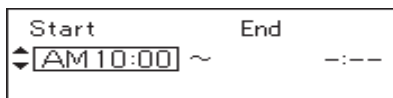
- This adjustment can be made whether the **Power** button is ON/OFF.

4. Press the **ENTER** button.



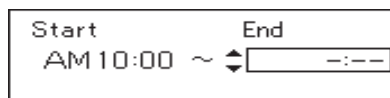
- The previously set “Start time” and “End time” are displayed.

5. Set the ON time to “AM 10:00” using the ▲/▼ buttons.

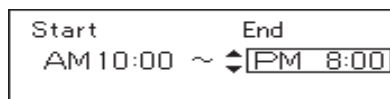


- The time changes in 10 minutes increments with each press of the button, and then in 1 hour increments if the button is pressed and held.
- If you do not want to set the “Start time”, select “- : -” (located between AM 11:50 and PM 0:00 settings).

6. Press the **ENTER** button to complete the setting.

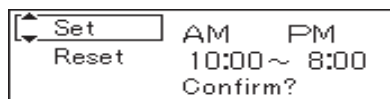


7. Set the OFF time to “PM 8:00” using the ▲/▼ buttons.

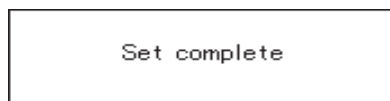


- Follow the same procedure from step 5.

8. Press the **ENTER** button to complete the setting.



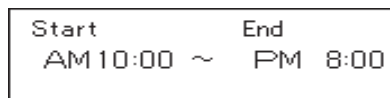
9. Check “Set” is selected, and then press the **ENTER** button to confirm all settings.



- If the display is left untouched for approximately 20 seconds without pressing the **ENTER** button, the setting will be completed. When the **Power** button is turned ON, the home screen will be restored.
- If you want to change “ON/OFF time”, select “Reset” and then press the **ENTER** button, return to step 5.

Activate Automatic Operation

The **PROG** button is ON.



(Display Example)

- You can activate automatic operation regardless if the **Power** button is ON or OFF.
- The PROG indicator is displayed when activated.
- “Start time” and “End time” will be displayed upon activation.
- If both the “Start time” and “End time” are set to “- : -”, the alarm sounds and “Set PROG” will display.

■ Deactivate Automatic Operation

The **PROG** button is OFF.

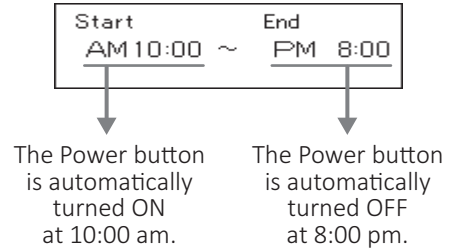
- The PROG indicator disappears.

- NOTE**
- If the **PROG** button is not set to OFF, the Water Heater will automatically turn ON or OFF at the set times.
 - If there is a power failure or power is disconnected to the Water Heater, automatic operation will be deactivated.

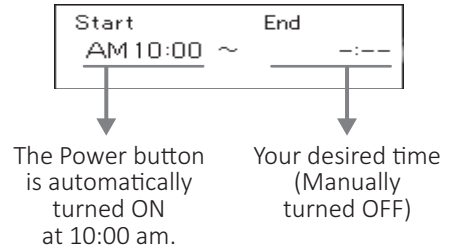
■ Tips for operation

Following this procedure allows for automated control of Water Heater operation without user interaction.
(The setting time shown on the display of the Remote Controller is for example purposes only.)

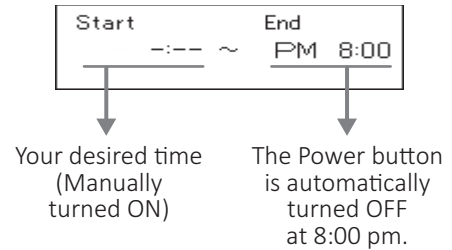
e.g. Both ON and OFF functions are automated.



e.g. Only ON function is automated.



e.g. Only OFF function is automated.



Locking the Remote Controller

By locking the Remote Controller, the settings cannot be changed if a button is pressed by mistake.

Operation

1. Press and hold **Lock** button for approximately 2 seconds to lock the Remote Controller.



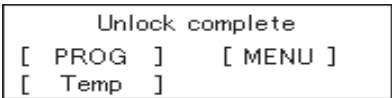
- This adjustment can be made whether the **Power** button is ON/OFF.
 - The operations of **PROG** button, **MENU** button, and **▲/▼** buttons are locked.
 - Approximately 3 seconds after locking the Remote Controller, the display will return to the previous screen.
2. If you press **PROG** button, **MENU** button, and **▲/▼** buttons while the Remote Controller is locked, the “Locked” screen will appear.



- Approximately 3 seconds after the “locked” screen appears, the display will return to the previous screen.

Unlock the Remote Controller

Press and hold **Lock** button for approximately 2 seconds to unlock the Remote Controller.



- Approximately 3 seconds after unlocking the Remote Controller, the display will return to the previous screen.

Customizable Settings

Limiting the Maximum Output Temperature

The maximum output temperature can be limited to prevent discharging hot water at too high of a temperature.

Operation

1. The **Power** button is OFF.
2. Press the **MENU** button inside the cover, select “Misc settings” using the ▲/▼ buttons.
3. Press the **ENTER** button.
 - The “Misc settings” screen appears.
4. Select “Max set temp” using the ▲/▼ buttons, and then press the **ENTER** button.
5. Change the setting using the ▲/▼ buttons. (Setting completed.)



(e.g. 120°F)

The maximum temperature setting differs by product, refer to page 6.

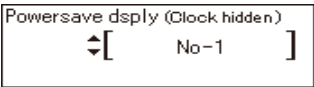
- To change other settings, select the option and press the **ENTER** button.
- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

Display Screen Power Saving Mode [powersave dsply]

To conserve power consumption of the display, the screen can be turned off completely or set to only display the clock when the **Power** button is turned OFF.

Operation

1. Press the **MENU** button inside the cover, select “Misc settings” using the ▲/▼ buttons.
2. Press the **ENTER** button.
 - The “Misc settings” screen appears.
3. Select “Powersave dsply” using the ▲/▼ buttons, and then press the **ENTER** button.
4. Change the setting using the ▲/▼ buttons. (Setting completed.)



(e.g. No-1)

- Yes : The display will turn off. The clock will not be displayed when the **Power** button is turned OFF.
- No-1: The display will not turn off. The clock will not be displayed when the **Power** button is turned OFF.
- No-2: The display will not turn off. The clock is displayed when the **Power** button is turned OFF.

(Default setting = No-1)

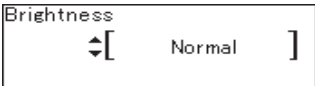
- To change other settings, select the option and press the **ENTER** button.
- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

Adjusting the brightness of the display screen when the Remote Controller is turned on

The display screen can be brightened, darkened, or the backlight can be turned off completely.

Operation

1. Press the **MENU** button inside the cover, Select “Misc settings” using the ▲/▼ buttons.
2. Press the **ENTER** button.
 - The “Misc settings” screen appears.
3. Select “Brightness” using the ▲/▼ buttons, and then press the **ENTER** button.
4. Change the setting using the ▲/▼ buttons. (Setting completed.)



(e.g. Normal)

Dark / Dim / Normal / Bright

(Default setting = Normal)

- To change other settings, select the option and press the **ENTER** button.
- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

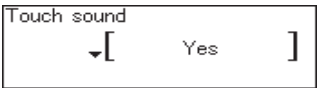
Muting the Remote Controller
The Remote Controller can be muted so that it does not emit a tone when a button is pressed.

(For Multi-System Only)
Error Tone Settings
The Remote Controller can be muted so that it does not emit a tone when an error occurs.

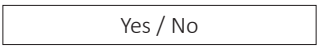
Draining the Water Heater
(Refer to “Preventing Damage from Freezing” as shown in the Owner’s Guide provided with the Water Heater.)

Operation

1. Press the **MENU** button inside the cover, select “Misc settings” using the ▲/▼ buttons.
2. Press the **ENTER** button.
 - The “Misc settings” screen appears.
3. Select “Touch sound” using the ▲/▼ buttons, and then press the **ENTER** button.
4. Change the setting using the ▲/▼ buttons.
(Setting completed.)



(e.g. Yes)

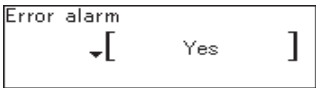


(Default setting = Yes)

- To change other settings, select the option and press the **ENTER** button.
- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

Operation

1. Press the **MENU** button inside the cover, select “Misc settings” using the ▲/▼ buttons.
2. Press the **ENTER** button.
 - The “Misc settings” screen appears.
3. Select “Error alarm” using the ▲/▼ buttons, and then press the **ENTER** button.
4. Change the setting using the ▲/▼ buttons.
(Setting completed.)



(e.g. Yes)

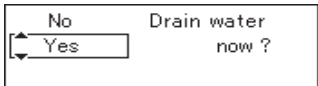


(Default setting = Yes)

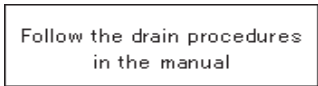
- To change other settings, select the option and press the **ENTER** button.
- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

Operation

1. The **Power** button is OFF.
2. Press the **MENU** button inside the cover, select “Misc settings” using the ▲/▼ buttons.
3. Press the **ENTER** button.
 - The “Misc settings” screen appears.
4. Select “Drain water” using the ▲/▼ buttons, and then press the **ENTER** button.
5. Select “Yes” using the ▲/▼ buttons.



6. Press the **ENTER** button.



- Drain the Water Heater following the procedures described in the Owner’s Guide provided with the Water Heater.

Stop draining water from the Water Heater

If you press the **ENTER** button again when “Drain water” and “Operating” are alternately displayed following step 6, the drain function will stop.

(Single Water Heater only) Flow Meter Alarm

The flow meter alarm is being used to indicate when a tub is full.

Operation

1. The **Power** button is ON.

- Check the current setting temperature.

2. Press the **MENU** button inside the cover, select “Flow meter” using the ▲ / ▼ buttons.

3. Press the **ENTER** button.

- The “Flow meter” screen appears.

4. Change the volume using the ▲ / ▼ buttons, and then press the **ENTER** button.

[For gallon]
10- 60 gal (In 5 gal intervals),
60- 100 gal (In 10 gal intervals),
Alarm off
[For liter]
40- 260 L (In 20 L intervals),
260- 380 L (In 40 L intervals),
Alarm off

(Default setting = Alarm off)

- To return to the home screen, press the **MENU** button or let it sit for approximately 20 seconds.

5. Turn on hot water.

- When the tub fills with the preset volume of water, an alarm will sound alerting you to shut off the water.

6. Turn off the hot water when the alarm sounds to prevent overfilling.

- NOTE**
- The hot water filling temperature is same as the setting temperature.
 - Although the temperature can be set to 125°F/50°C or higher, do not set the temperature to 125°F/50°C or higher as it can cause severe burns instantly or death from scalding.

System Check

- Depending on the configuration of your system, not all functions may be used.
- If you press the **STATUS** button, you can check the status of the system.

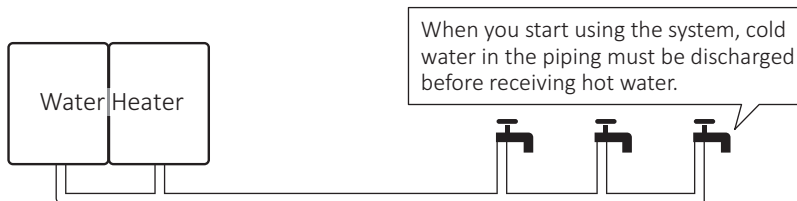
System [Rrcrc]	Active [06]
Units [06]	Pump1 [OFF]
Online [06]	Pump2 [ON]

(Display Example [System [Rrcrc]])


- The pictures below (the number of Water Heaters, fixtures, and pumps) will vary depending on the configuration of the hot water system.

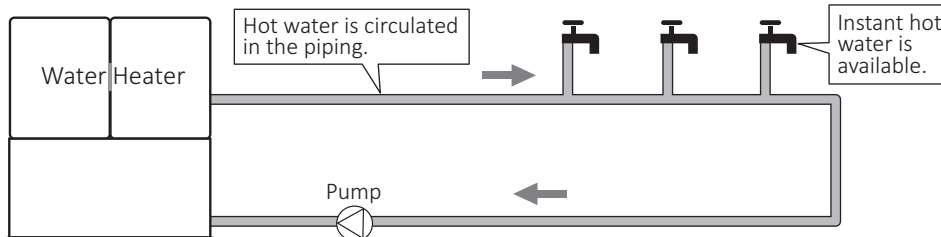
Display “System [Std]” on the Remote Controller

The Water Heater only operation. (Functions other than those shown on pages 14 to 17 can be used.)




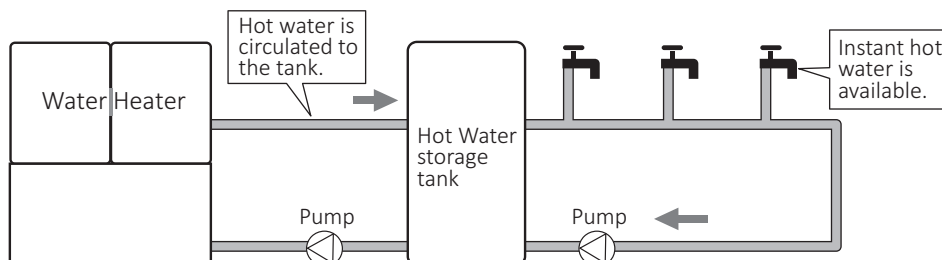
Display “System [Rrcrc]” on the Remote Controller

- The Water Heater and recirculation operation. (All functions can be used.)
- During recirculation operation, hot water is always circulated in the piping to provide instant hot water when a fixture is opened. (When setting the recirculation system operation timer, the recirculation system operates at the set times.)
- If you set the **Power** button to ON,  is displayed. (If “Synchro ON/OFF” is set to ON (See page 14).)



Display “System [Tank]” on the Remote Controller

- The Water Heater combined with a storage tank operation. (Functions other than those shown on pages 14 to 17 can be used.)
- If a recirculation system is also installed, hot water is always circulated in the piping to provide instant hot water when a fixture is opened.
- If you set the **Power** button to ON,  is displayed.

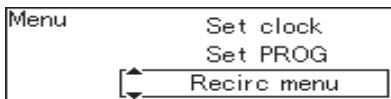


Disabling Automatic Recirculation Operation

- To check system status. (See page 14)
- When "Synchro ON/OFF" is set to No, recirculation can be activated manually.
- To change "Synchro ON/OFF" from No to Yes, follow the same procedure as described below.

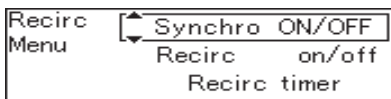
Operation

1. Press the **MENU** button inside the cover, select "Recirc menu" using the ▲/▼ buttons.

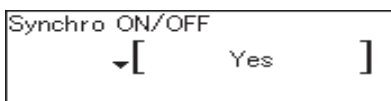


- This adjustment can be made whether the **Power** button is ON/OFF.

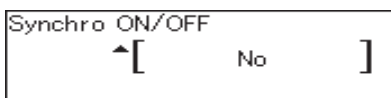
2. Press the **ENTER** button.



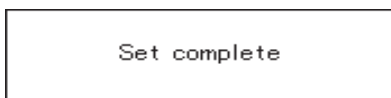
3. Select "Synchro ON/OFF" using the ▲/▼ buttons, and then press the **ENTER** button.



4. Select "No" using the ▲ button.



5. Press the **ENTER** button.



The screen returns to the previous screen.

- If the display is left untouched for approximately 20 seconds without pressing the **ENTER** button, the setting will be completed. When the **Power** button is turned ON, the home screen will be restored.

Manually Stopping Recirculation Operation

Recirculation operation can be manually stopped or started using this procedure.

Operation

1. The **Power** button is ON.



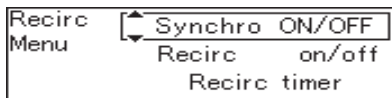
(e.g. 110°F)

- The Power indicator is displayed.
- The previously set hot water supply temperature is shown.

2. Press the **MENU** button inside the cover, select "Recirc menu" using the **▲** / **▼** buttons.



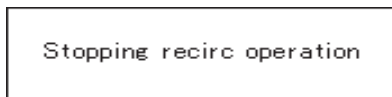
3. Press the **ENTER** button.



4. Select "Recirc on/off" using the **▲** / **▼** buttons.



5. Press the **ENTER** button.



(Display when recirculation is set to OFF)



The screen returns to the previous screen.

- Display "Starting recirc operation" when the recirculation is set to ON.
- If the display is left untouched for approximately 20 seconds without pressing the **ENTER** button, the setting will be completed. The home screen will be restored.

NOTE Even if recirculation is set to OFF, recirculation operation is restarted by either turning the **Power** button ON, when the Water Heater is turned ON automatically (see page 7) or when the recirculation timer (see page 16) is active.

Setting the Recirculation System Operation Timer

- With the recirculation operation timer set, hot water will be automatically circulated in the hot water pipes.

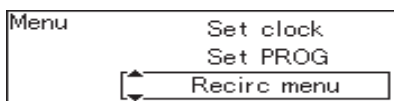
Even with this function activated, it may take several minutes for hot water to be completely circulated through the plumbing system. Set the timer to activate the recirculation system prior to the first use of hot water to ensure hot water is instantly available.

- Multiple recirculation time periods can be set.
- Until the timer is deactivated (See page 17), the recirculation system will operate daily at the set times.
- When the recirculation system is turned OFF by the timer, the Water Heater will still remain ON and can be used normally.
- [NRCR model only]**
Once manual recirculation operation timer is set and activated, the Auto recirculation function will be canceled. To activate the Auto recirculation function again, refer to Water Heater's installation manual or contact to Noritz America Technical Support at 1-866-766-7489.

Operation

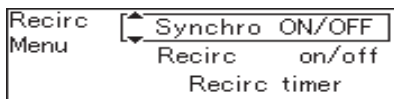
This example describes setting the recirculation system to operate between 5:00 am - 8:00 am.

- Check that the current time is properly set. (Setting the time: See page 4)
- Press the **MENU** button inside the cover, Select "Recirc menu" using the **▲/▼** buttons.



- This adjustment can be made whether the **Power** button is ON/OFF.

- Press the **ENTER** button.



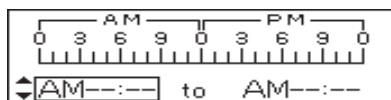
- Select "Recirc timer" using the **▲/▼** buttons.



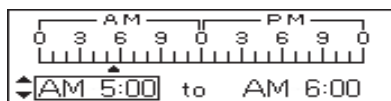
(Display Example)

- The previous setting is displayed.

- Press the **ENTER** button.

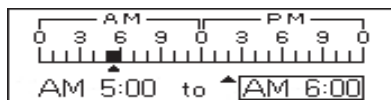


- Select "AM 5:00" using the **▲/▼** buttons.

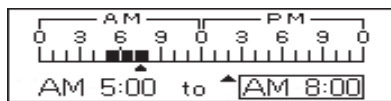


- Every time when you press the button, the time changes by one hour.
- [To add additional time periods to the current setting, or to cancel the previous setting]
1) Press the **ENTER** button without setting "Start" time.
2) Press the **ENTER** button without setting "End" time.
3) Follow the procedures "Adding Additional Time Periods" or "Resetting All Time Periods" (See page 17).

- Press the **ENTER** button to complete the "Start" time setting.



- Select "AM 8:00" using the **▲/▼** buttons.



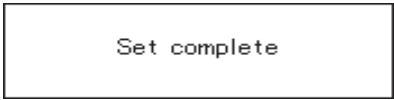
- Every time when you press the button, the time changes by one hour.

- Press the **ENTER** button to complete the "End" time setting.



Proceed to next Page

10. Press the **ENTER** button to complete the time setting.



“Recirc timer” and “Recirc timer on” are alternately displayed on the menu (approximately 10 seconds)

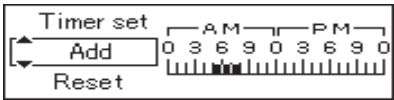


(Example of home screen when the **Power** button is turned ON)

- The timer will not activate without pressing the **ENTER** button.
- If the time is not set, the time setting screen is displayed (See page 4).
- Until the timer is deactivated, the recirculation system will operate daily at the set “Start” and “End” times.

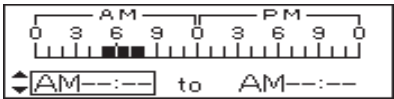
Add Additional Time Periods

1. After step 9 on page 16, select “Add” using the **▲/▼** buttons.



- You can set multiple operation time periods.

2. Press the **ENTER** button.



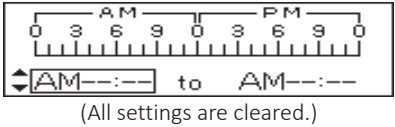
3. Select the time period following the procedures in steps 6 to 9 on page 16.

Reset All Time Periods

1. After step 9 on page 16, select “Reset” using the **▲/▼** buttons.



2. Press the **ENTER** button.

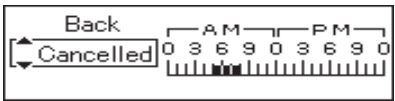


3. Adjust the time period following the procedures in steps 6 to 9 on page 16.

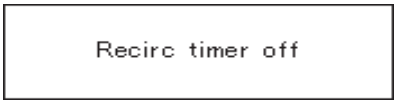
Cancel the Recirculation System Operation Timer

1. Carry out steps 1 to 5 on page 16.

2. Select “Cancelled” using the **▲/▼** buttons.



3. Press the **ENTER** button.



The screen returns to the “Recirc Menu”.

- If the **Power** button is ON, the screen returns to the home screen in approximately 10 seconds.
- If the timer is deactivated during a recirculation time period, recirculation will continue until it is stopped using the procedure shown on page 15.

Troubleshooting

- This section only covers issues with the Remote Controller. To diagnose issues with the Water Heater, consult the Owner's Guide supplied with the Water Heater.

Remote Controller

The Power indicator does not light up.

- Has there been a power failure?
- Is the power connected properly?

The water temperature changes after a power failure or when the power is disconnected.

- The temperature setting and the flow meter alarm setting may both need to be reset after a power outage.

The clock display shows “- : - -”.

- If the time is not displayed on the clock, either a power failure has occurred or power was disconnected resulting in the display showing “- : - -”. (See page 4)

The flow meter alarm does not sound or it sounds before the tub has been filled to the set amount.

- The flow meter alarm is set to sound when hot water is continuously discharged for the set volume of water.
If hot water is used for other fixtures while filling the tub, the alarm will sound before the tub is full.
- If mixing valves are used, or if cold water is mixed with hot water at the fixture, the tub will fill more than the setting of the flow meter alarm.

The setting cannot be changed when a button is pressed.

- The Remote Controller is locked. While the Remote Controller is locked these buttons the **PROG** button, the **MENU** button, and the ▲ / ▼ buttons cannot be used. (See page 9)

[For recirculation systems]

Flame Indicator 🔥 lights up or goes out.

- During recirculation operation, the Water Heater will turn on and off to keep the hot water pipes up to temperature.

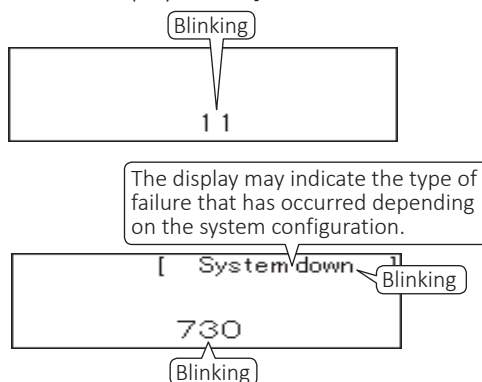
Checking for Error Conditions

When a failure occurs, information relating to the error blinks on the display.

The error alarm may also continuously sound.

For additional details on the cause of the error displayed, refer to the “Troubleshooting” section in the Owner's Guide provided with the Water Heater.

[Error Code Display Screen]



Stop the Error Alarm

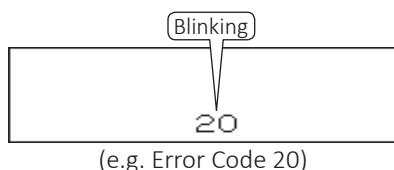
Press the **ALARM OFF** button (the indicator will turn off).

Follow-up Service

Requesting Service

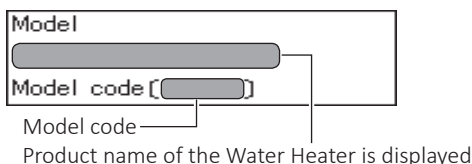
- Service and warranty periods are based on the type of product and the application type. Refer to the Limited Warranty provided with the Water Heater for complete details.
- Refer to the “Troubleshooting” section in this manual as well as the Owner’s Guide supplied with the Water Heater. If the problem is not corrected, contact Noritz America Technical Support at 1-866-766-7489.

If an error code is displayed, the model name and code can be checked

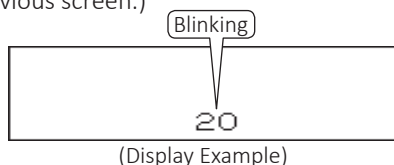


- If more than one Water Heater is installed, this procedure cannot be used.

1. Press the **ENTER** button.



2. Press the **ENTER** button again. (Return to previous screen.)



- If the display is left untouched for approximately 60 seconds, it will return to the previous screen.

Check the status of the system

1. Press the **STATUS** button inside the cover.

System [Rrcr]	Active [04]
Units [06]	Pump1 [OFF]
Online [04]	Pump2 [ON]

(Display Example)

- Status can be checked regardless of whether the **Power** button is ON/OFF.
- If you press the **BACK** button or it is left untouched for approximately 10 minutes, it will return to the previous screen.

2. Press the **STATUS** button inside the cover again.

Error unit
1 — — — 6 — —
— — — — — — —
— — — — — — —

(Display Example)

- You can identify units that require service. (system dependent)
- If you press the **BACK** button, the screen returns to STEP 1.
If you press the **STATUS** button, the screen returns to the previous screen.

