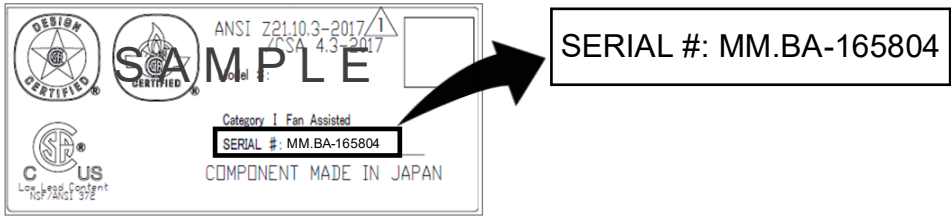**PURPOSE:** To announce SENSEI™ tankless water heater version 6.0 software updates.

PRODUCT INFORMATION

- Applicable Products: SENSEI™ Tankless Water Heaters (Indoor and Outdoor)
- Applicable Models: Residential: RU199, RU180, RU160, RU130
                          Commercial: CU199i, CU160i
                          With Pump: RUR199, RUR160

DETAILS

Software Release:	Software version 6.0 for SENSEI™ tankless water heaters.
How to Find Your Software Version:	Software version 6.0 was released in December 2020 and is indicated by tankless water heaters manufactured after serial number MM.BA-165804. The serial number is located on the left side panel label of the tankless water heater (Figure 1). SERIAL #: MM.BA-165804 *Figure 1. Sample Label with Serial Number. Label image is for illustrative purposes only. Your label may appear differently.*

New Features:

1 **Recirculation Controller Required**

The tankless water heater must detect the connection of a control•r™ Wi-Fi Module or MC-195T-US timer/controller for recirculation to be active (Figure 2). A schedule, push button, and/or motion sensor must be used to activate recirculation.[1]
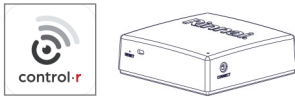

control•r™ Wi-Fi Module	Choose Your Controller	MC-195T-US Timer/Controller
(Included with Tankless Water Heater)		(Purchased Separately)

Figure 2. Recirculation Controller Options

[1] DO NOT install the control•r™ Wi-Fi Module and MC-195T-US together as they are NOT compatible accessories.

❷ Pump Verification at Installation

- If the control•r™ Wi-Fi Module or MC-195T-US timer/controller are not installed, temporary pump operation can be initiated for 60 seconds by resetting power to the tankless water heater (unplug the power cord from the wall outlet, and then plug the power cord back into the wall outlet) (Figure 3). This test is helpful if the internet is not yet available to pair with the control•r™ Wi-Fi Module.
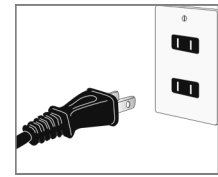

Figure 3. Power Cord

- Recirculation parameter setting 04 must be set to your circulation mode (B, C, or D) (Table 1).

Table 1. Recirculation Parameter Setting 04

Setting Number	Setting Description	Selection			
		A	**B**	**C**	**D**
04	Recirculation Settings	No Recirculation	Recirculation		
			Dedicated	Crossover Mode: Long Loop	Crossover Mode: Short Loop

❸ "In Use" Light

The "In Use" light on the integrated controller (Figure 4) flashes based on the operation status of the water heater and integrated pump; the light indicates if recirculation is occurring (Table 2).
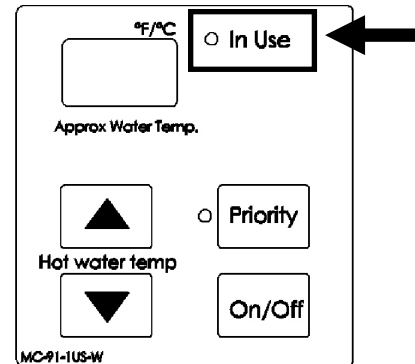

Figure 4. "In Use" Light

Table 2. "In Use" Light Behavior

Light Behavior			Flame Present	Recirculation Active
Solid	⬬	Indicates flame present and water flow.	✓	
Slow Flash	● ● ●	Indicates flame present and pump operation.	✓	✓
Rapid Flash	●●●●●	Indicates pump operation with no flame present.		✓