



Rinnai®

1-800-621-9419 rinnai.us

INSTALLATION INSTRUCTIONS

EZ Connect Cable

For Use With Rinnai

Tankless Water Heater Models:

RL94i/e, RL75i/e, , RUC80i, RUC90i, RUC98i, RU80e, RU90e, RU98e, C199i/e, RUCS65i, RUCS75i, RUS65e, RUS75e, RU199i/e, RU180i/e, RU160i/e, RU130i/e, RUR199i/e, RUR160i/e, CU199i/e, CU160i/e

EZ Connect Cable Part Numbers:

- REU-EZC-2



With the use of the EZ Connect cable, Two water heaters can be electronically connected (Figure 1). This connection rotates water heater operation order to ensure equal usage among the entire system and enables the water heaters connected to modulate operation and function as one hot water source.

IMPORTANT:

For proper operation, do not combine different water heater models.

Exception: application of RUR model with an RU model.

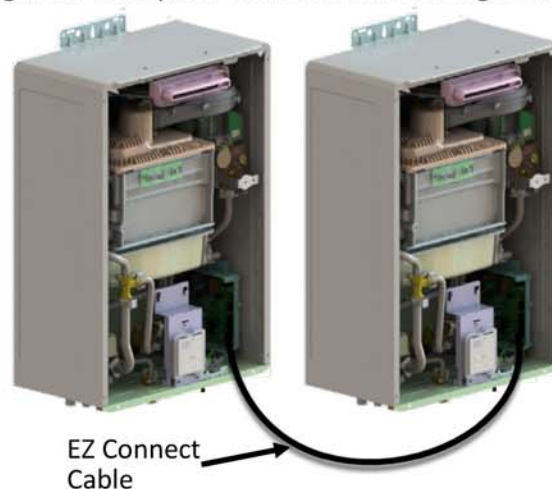
ITEMS INSIDE PRODUCT BOX

Before installation, please make sure all parts are located inside the product box. If any items are missing or damaged, contact your local dealer/distributor or call Rinnai Customer Care at 1-800-621-9419.

Item #	Item	Qty
1	EZ Connect Cable	1
2	Accessory Cable	1



Figure 1: Example EZ Connect Cable Configuration



EZ Connect Cable

TOOLS/MATERIALS REQUIRED

INSTRUCTIONS

- ☐ Philips head screwdriver (for removal of water heater front cover)

Remove Front Cover

1. Power OFF the water heaters by unplugging the power cord or turning off the circuit breaker. The controller on the water heater does not control the electrical power.
2. Remove the front panel of both water heaters by removing the 4 screws that secure the panel in place.
3. Locate the PC boards in the bottom, right corner for both water heaters (Figure 2).

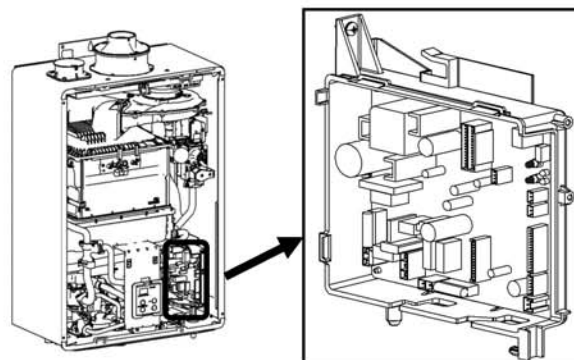
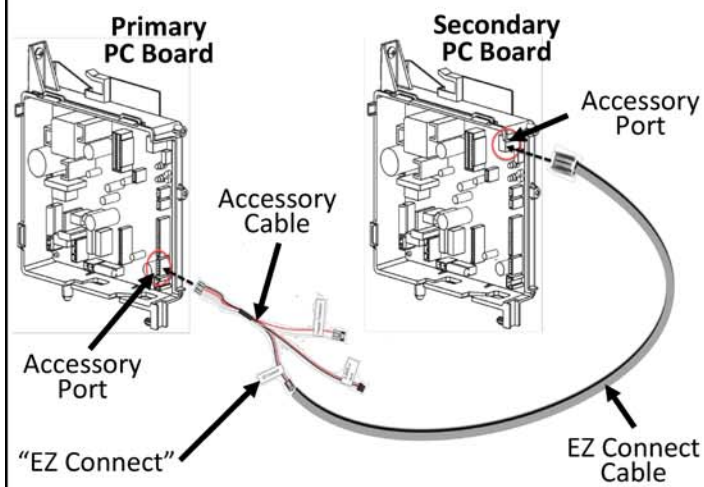


Figure 2: PC Board

Connecting Cable

Models: RU199i/e, RU180i/e, RU160i/e, RU130i/e, RUR199i/e, RUR160i/e, CU199i/e, CU160i/e

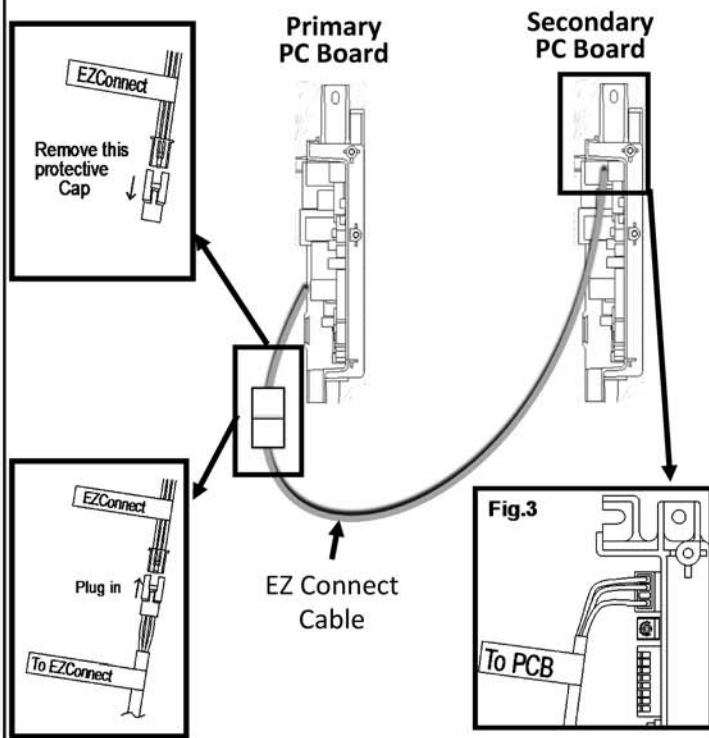
Figure 3: PC Board Assembly



1. The two water heaters need to be installed 2-18 inches apart so that the cable will reach between the two units and to prevent temperature fluctuations (cold water sandwich effect) when the water is shut off and turned back on.
2. On the primary water heater, connect the Accessory Cable to the Accessory Port at the bottom of the PC Board. (Figure 3)
3. Connect one end of the EZ Connect Cable to the Accessory Cable labeled "EZ Connect". (Figure 3)
4. Connect the other end of the EZ Connect cable to the top Accessory Port on the PC board of the secondary water heater (Figure 3).
5. Power ON each water heater.
6. Securely tighten the EZConnect cable to the bottom of both water heaters by using the cable clamp and screw. (Figure 5)

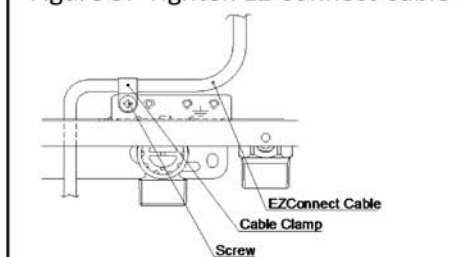
Models: RL94i/e, RL75i/e, RUC80i, RUC90i, RUC98i, RU80e, RU90e, RU98e, C199i/e, RUCS65i, RUCS75i, RUS65e, RUS75e,

Figure 4: PC Board Assembly



1. The two water heaters need to be installed 2-18 inches apart so that the cable will reach between the two units and to prevent temperature fluctuations (cold water sandwich effect) when the water is shut off and turned back on.
2. Remove the protective cap from the 3 pin connector marked "EZ Connect" located in the wiring harness of the Primary Unit. (Figure 4)
3. Install the EZ Connect cable by plugging in the cable on both the Primary and Secondary units. (Figure 4)
4. Power ON each water heater.
5. Securely tighten the EZConnect cable to the bottom of both water heaters by using the cable clamp and screw. (Figure 5)

Figure 5: Tighten EZ Connect Cable



Selecting Standby Units

Models: RU199i/e, RU180i/e, RU160i/e, RU130i/e, RUR199i/e, RUR160i/e, CU199i/e, CU160i/e

WARNING Adjust only the parameter settings listed below. Do not adjust any other parameter settings unless specifically instructed to do so.

Factory default setting is both units (2) are in standby. Use the following procedure for application that require only one (1) unit in standby.

- Locate the two buttons (A and B) on the PC board (Figure 6).
- Press the **A** button for 1 second. **07A** appears on the controller display (Figure 6).
- Press the **▲ (Up)** button until **07B** appears on the display (Figure 7).
- Press the **On/Off** button until **07b** appears on the display (Figure 7).

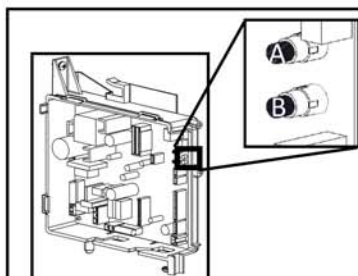


Figure 6: A and B Buttons

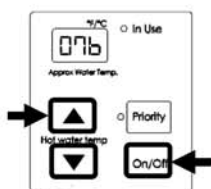


Figure 7: Controller Display

SETTING #	SETTING DESCRIPTION	SELECTION	
		A	b
07	Units in Standby (EZ Connect)	2	1

Models: RL94i/e, RL75i/e, RUC80i, RUC90i, RUC98i, RU80e, RU90e, RU98e, C199i/e, RUCS65i, RUCS75i, RUS65e, RUS75e,

Factory default setting for all units is standby mode (OFF: 2). The Dip Switch settings must be adjusted for the application to place only 1 unit in standby mode (Figure 8).

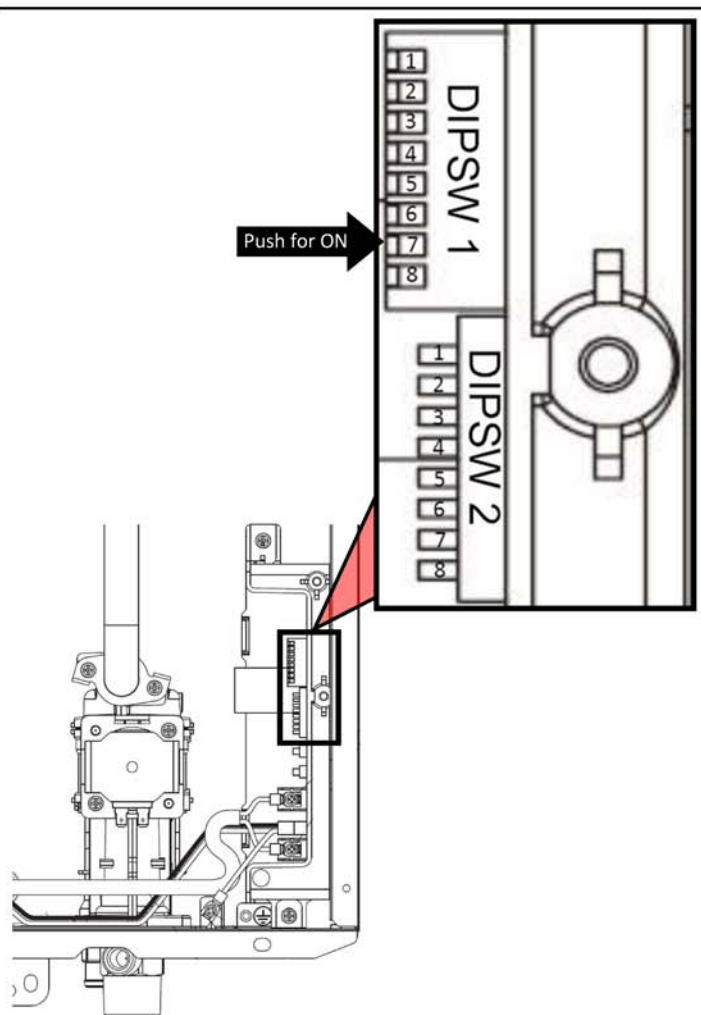


Figure 8: Dip Switch Selection

DIPSW BANK	SWITCH (SW) #	SELECTION	
1	7	OFF: 2	ON: 1