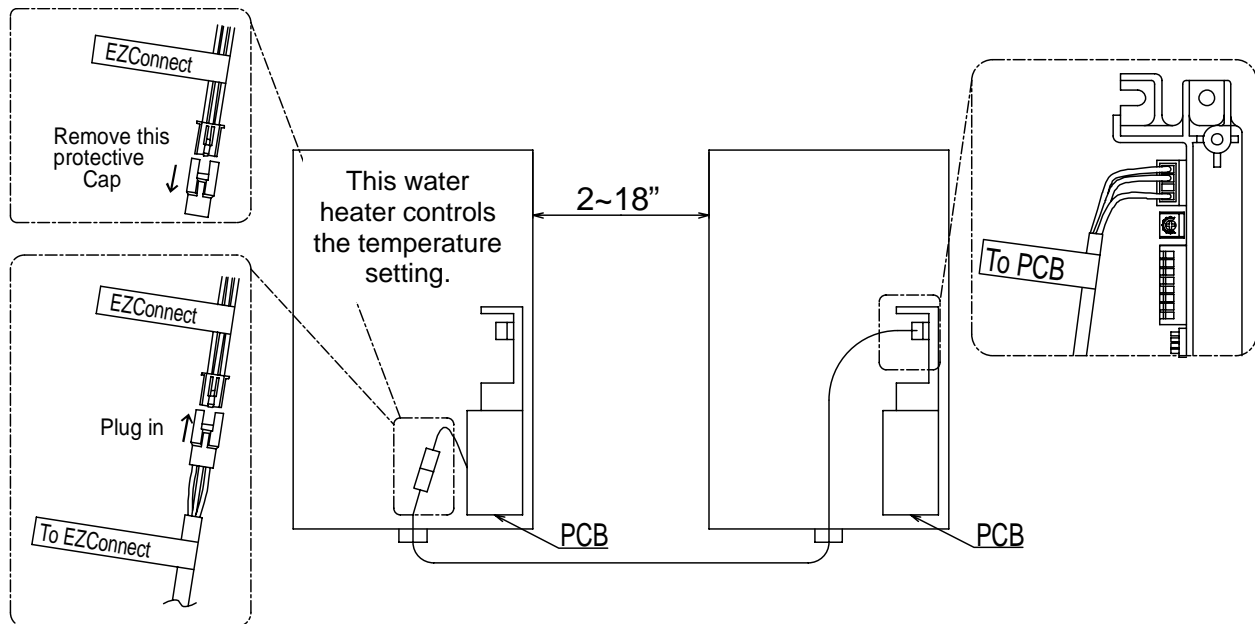


System Operation Overview

- The EZConnect™ can electronically connect 2 water heaters.
- It is not recommended that different models be connected together.
- Whenever the flow rate through a water heater exceeds approximately 90% of the calculated maximum flow, the other water heater is turned on.
- When both water heaters are operating, they will attempt to supply equal amounts of hot water.
- When both water heaters are operating, a water heater will turn off whenever the flow through it decreases below approximately 0.7 GPM (gallons/minute).
- The diagram below indicates the water heater that controls the temperature setting for both water heaters. A temperature controller connected to the other water heater will provide maintenance codes for that water heater.



EZConnect™ Operation

Sequence of Operation

One of the water heaters is treated as the “primary” unit regarding the order in which water heaters are turned on and off. This primary status is occasionally transferred to other water heater. The term primary used in this context does not mean which water heater controls the temperature setting.

When there is no water flow, both units have their water flow control valves open.

At startup, if only 1 water heater is required to meet flow demand, then the primary unit will fire.

The primary status is transferred to the other water heater when:

- A. One or both water heaters have been running continuously for 24 hours.
- B. Ten cycles of flow / no flow have occurred.
- C. After startup with one unit firing, if flow demand increases and the other water heater is required, then that water heater will fire and become the primary.

With both units firing, if flow demand decreases sufficiently after startup, then the firing unit which is not the primary will shut off.

Troubleshooting

- If a water heater in an EZConnect™ group is manually taken out of service, it needs to be disconnected from the EZConnect™.
- On VA models whose name ends in “-US” (ex. REU-VA2535FFUD-US), in order for each water heater to have a temperature setting above 140°F (60°C), there are 2 options:
 - ◆ install an MCC-91 controller on each water heater. (The MCC-91 is the commercial controller that allows higher temperature.)
 - ◆ install an MCC-91 controller on the unit controlling the temperature setting, with no controller on the other unit.
- On VA models whose name ends in “-UC” (ex. REU-VA2535FFUD-UC), only one MCC-91 controller installed on the water heater controlling the temperature setting is required to allow both of the water heaters to produce temperatures higher than 140°F (60°C). The other water heater may have current controllers such as the MC-91.
- Units that register error codes will be commanded to close their water flow servo valve and taken out of operation automatically.
- Error codes on a unit in an EZConnect™ group will not reset when the water flow is stopped. Power to the unit will have to be reset.