Temperature Remote Controller: 9007666005 (TK-RE02)

INSTALLATION INSTRUCTIONS

FOR YOUR SAFETY
For installer and owners safety, please read these instructions very carefully before installation, and follow the instructions exactly. After installation, please give this manual to the owner.

INCLUDED ACCESSORIES

<table>
<thead>
<tr>
<th>Remote Controller</th>
<th>Screws</th>
<th>Remote controller cable*</th>
<th>Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qty: 1</td>
<td>Qty: 2</td>
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*No cable is included in the optional TK-RE02.

INSTALLATION

- This remote controller is NOT waterproof. Do not install in high-temperature environments, steamy conditions such as inside of bathroom, outdoors, in direct sunshine, and/or where children can reach. Make sure the remote controller does not come into contact with water or oil.
- Failure to follow precautions may cause malfunction or failure.
  - Do not place the remote control wiring close to other cable from other products.
  - Do not extend the remote control wiring more than 150 feet.
  - Use of a conduit is recommended to protect remote control wiring. Reference Fig. A, Fig. B.

-Water heaters available for the remote controller-

| Model numbers | 110 model (T-KJr2-IN/OS) / 310 model (T-K4-IN/OS) |

<Remote Controller Wiring>
1. If you use another cable, crimp the "Fork terminals" to the connection cable.
2. Attach the "Fork terminal" to the connector base of the backside unit with a two screws tight. (Fig. A)
3. Cut out the partition using pliers. Insert the wiring into the grooves and through the partition. (Fig. B)

-Connect the water heater-
1. Turn off the 120 VAC power supply to the water heater.
2. Take off the front cover of the unit. There are 3 or 4 screws on the front cover.
3. Locate the remote control terminals on the heater’s computer board. Reference Fig. E.
4. Slide the connection cable through the hole on the bottom of the unit's casing. (Fig. A)
5. Connect the connection cable with the remote terminals in the unit properly. (The terminals are not polarity sensitive.)
6. Place the front cover back on. Turn on the 120 VAC power supply.

<Connecting to the Water heater>
1. Turn off the 120 VAC power supply to the water heater.
2. Take off the front cover of the unit. There are 3 or 4 screws on the front cover.
3. Locate the remote control terminals on the heater’s computer board. Reference Fig. E.
4. Slide the connection cable through the hole on the bottom of the unit's casing.
5. Connect the connection cable with the remote terminals in the unit properly. (The terminals are not polarity sensitive.)
6. Place the front cover back on. Turn on the 120 VAC power supply.

<Backup function for power failures>
The remote controller has a function that automatically memorizes the temperature settings. In the case of power supply blackouts, the remote controller will still retain these settings when the power returns.

If you have any questions, please call or write to the manufacturer listed on the rating plate of your water heater.