



SUPPLYING DEMAND®

REMOTE CONTROL SDRTG20006DU

IMPORTANT: Unplug your appliance and turn off power at the breaker before servicing. If you have doubts or are unfamiliar with this type of installation work, seek the services of a qualified Service Technician. Supplying Demand assumes no responsibility for the improper installation of this product. Field wiring connections and electrical grounding must comply with local codes, or in the absence of local codes, with the latest edition of the National Electrical Code, ANSI/NFPA 70, or in Canada, Canadian Electrical Code, CSA C22.1 Part 1.

NOTICE: Extension cable can be any Type-T 18 AWG wire similar to a thermostat wire and need not be polarity sensitive. Do not apply sealant to the remote control cable. It is not recommended to have wiring exposed.

REMOTE CONTROL INSTALLATION

Connecting the BATH1 (USC1-117) and/or the BATH2 (USC2-117) remote control(s) to the water heater:

- Drill a 1" to 1.5" hole at the proposed control location.
- Install the extension cable between the location of the remote control and the water heater.
- Remove the base plate from the control.
- Peel off one side of the adhesive paper from the foam packaging and adhere to the back face of the base plate (this is the side without the projections).
- Peel off the remaining adhesive paper from the foam packing.
- Draw the remote control extension cable through the central in the base plate.
- Fix the base plate to the wall using suitable screws and wall anchors. Ensure the projections on the base plate are pointing upwards.
- Connect the remote control cables to the extension cable from the water heater.
- Place the remote control over the base plate. Ensure the projections in the base plate fit into the housings in the remote control(s).
- Fix the control to the base plate at the bottom of the remote control using the screw provided.
- Proceed to the "Connecting the remote control to the water heater" section to complete installation.

CONNECTING THE REMOTE CONTROL(S) TO THE WATER HEATER

- Ensure that the power to the water heater has been disconnected.
- Remove the front cover of the water heater.
- Insert the remote control extension cable through the hole at the bottom right hand corner of the water heater.
- Connect the wires to the terminals on the top right hand side of the Printed Circuit Board (PCB).
 - **NOTICE:** The remote control wire connection terminals are not polarity sensitive.
- Firmly tighten the terminal screws.
- Secure the remote control extension cable using the appropriate clamp.
- Replace the front cover of the water heater.
- Switch on the power supply to the water heater.
- Ensure proper operation of the remote control(s) and water heater.
 - **NOTICE:** The remote controls can be connected in parallel as described above, or in series by attaching the extension cable(s) together or with any remote control, or to the terminals on the back of the MAIN (UMC-117) remote control.

REMOTE CONTROL PRIORITY

NOTICE: If the BATH control is turned on, the temperature setting on the MAIN control cannot be changed. The BATH control(s) will always have PRIORITY over the MAIN control.

If both BATH1 and BATH2 (USC1-117 and USC2-117) remote controls are installed:

- Turning ON one BATH remote control will activate the other BATH remote control automatically.
- Turning OFF one BATH remote control will turn OFF the other BATH remote control automatically.
- Changing the temperature set point on either BATH remote control will change the temperature set point on all remote controls.
- If either BATH remote control is turned OFF, the MAIN remote control will remain at the last temperature set point by the BATH remote control.