

The content on this page is intended for use by qualified installation/service personnel ONLY.

▲WARNING: Improper adjustment, alteration, service or maintenance can cause property damage, personal injury, or death.

Minimum Temperature Adjustment by the Main Remote Control (UMC-117, USC1-117 and USC2-117)

Required adjustment for 85°F (29°C) water temperature setting.

Follow the instruction below if it is determined that a setting of 85°F (29°C) is required.

- Turn on the remote control. Turn off the gas and water shutoff valves.
- Press the Down arrow temperature adjustment button on the remote control for several times and set the temperature at 100°F (38°C).
- Press the Down button on remote control 3 times within 5 seconds. The display of the remote control will show "85".
- Turn on the gas and water shut off valves.
- Check and ensure safe operation and performance of the water heater.

NOTICE: The maximum flow rate at 85°F (29°C) is 1.3 gpm (5.0 l/m).

High Altitude DIP Switch Adjustment For High Altitude Installation above 3,280 Feet (1,000m):

When the water heater is installed above 3,280 feet (1,000m), the adjustment of DIP switch is required for high altitude installation.

Without adjusting the DIP switch, the water heater may not function properly.

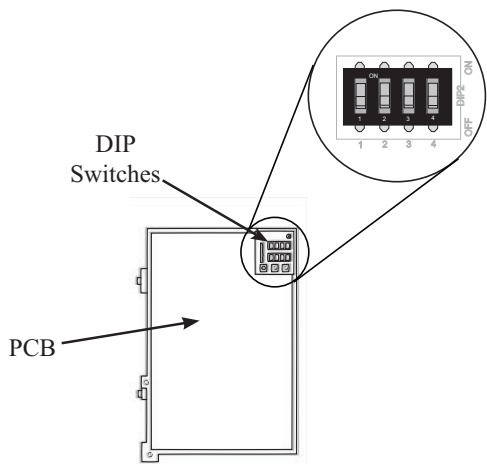
NOTICE: If the water heater is installed less than 3,280 feet (1,000m), no action is required.

How to adjust the DIP switch on the PCB for high altitude installation:

- Check the altitude (above sea level) where the water heater is installed.
- If the altitude is more than 3,280 feet (1,000m), the adjustment of DIP switch is required.
- Turn off the gas shut off valve and water shutoff valve.
- Remove the front cover.
- Find the two DIP switches located at the top right hand side of the PCB. The switch labeled "DIP 2" is the bottom switch.
- Change the DIP switch #3 setting of DIP 2 to "ON" position if the water heater is installed above 3,280 feet (1,000m) below 6,560 feet (2,000m). See the diagram below. DO NOT alter any other DIP Switch.
- Change the DIP switch #4 setting of DIP 2 to "ON" position if the water heater is installed above 6,560 feet (2,000m) below 9,840 feet (3,000m). See the diagram below. DO NOT alter any other DIP Switch.

NOTICE: Manifold pressure will be reduced by this adjustment.

- Attach the unit's front cover.
- Turn on the gas shutoff valve and water shutoff valve.
- Check and ensure safe operation and performance of the water heater.



Location of DIP Switches on PC Board.

