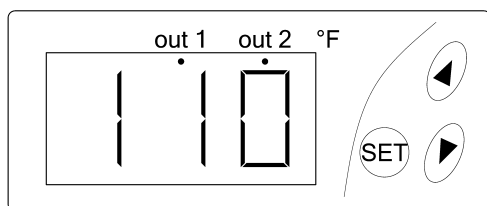


Digital 1 Control Operation



Digital 1 Control Operating Parameters

- Operating Temperature range 100 – 120 °F (37.5 – 49 °C)
- Backup Temperature shut off fixed at 130 °C (54.5 °C)

Setting Operating Temperature

1. Press the *SET* button twice, the light under *OUT 2* will be on and the display will be flashing.
2. Use the *UP / DOWN* arrows to set the temperature. Factory set at 100 °F (37.5 °C).
3. Press the *SET* button again; the display will be solid and showing room temperature (not pressing any button for 1 minute will also return the control to the room temperature).

*Note the control display remains on if the steam bath generator switch is in the OFF position, however power to the solenoids will be OFF.

Operation Indicators

OUT 1: The LED under *OUT 1* is on during normal operating conditions. If the light under *OUT 1* is off the Digital 1 is in backup temperature mode, an alarm will sound, the display will flash and the steam bath generator will be off.

OUT 2: The LED under *OUT 2* goes on and off during normal operating conditions. If the light under *OUT 1* is off the room temperature is satisfied and the steam solenoid valve will be closed. When the light under *OUT 2* is on the room temperature has not been satisfied and the steam solenoid should be open (if a 30 minute timer is used, that must be on to open the steam solenoid).

Backup Temperature Shut-off

- In the event room conditions or environment cause the temperature to reach 130 °F (54.5 °C) the Digital 1 Control will shut off power to the steam bath generator.
- The display will change to a flashing *AH1*, and an alarm will sound (if equipped the CU ALARM will also sound).
- To silence the Digital 1 Control Alarm press *SET* and *DOWN* simultaneously. The alarm will be silenced but the display will still flash *AH1* and the steam bath generator will remain off.
- *Note if equipped with a CU ALARM turn the steam bath generator switch off to silence it.
- The Digital 1 control will reset when the temperature in the room reaches normal operating range.

Message Display

Under normal operation, the actual room temperature will be displayed, the following messages may also appear (the Digital 1 Control alarm will also sound, press *SET* and *DOWN* simultaneously to silence alarm, if equipped with a CU ALARM turn the steam bath generator switch *OFF* to silence it, the steam bath generator will shut off until the error is cleared):

- **Err** – Memory reading error, cut power to control to clear
- **AH1** – Backup temperature alarm
- **AL1 (AL2)** – Low temperature alarm, this may be an indication of a probe problem, check the actual room temperature
- **ooo** – Open Probe, check probe connection, check probe with multimeter
- **---** – Shorted probe, check any splices used, check probe with multimeter (note: if equipped with CU STEAMSTOP, the Digital 1 Control will display --- when the CU STEAMSTOP is pressed, reset the CU STEAMSTOP to clear)

Compliance

The Digital 1 control meets cULus and CE requirements.

