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 UL and CE requirements.