



Leisure Baths Ltd.

RELAX A MIST COMMERCIAL STEAM GENERATORS STARTUP INSTRUCTIONS – 24 HOUR CLOCK

1. WATER SUPPLY

Open the water supply valve or valves by moving the handle to a position where it points with the line of water flow. The installer may have supplied one valve for both the boiler supply and the drain flush system, or there may be one valve for each.

2. DRAIN SYSTEM

Close the manual drain valve by moving the handle to a position where it points across the line of water flow.

3. THERMOSTATS

The electronic thermostats have been preset at the factory to:

LOW TEMP THERMOSTAT - 90°F (32C)
HIGH TEMP THERMOSTAT - 115°F (46C)

As part of the startup operation, it may be necessary to monitor the D-350 readout and adjust the temperature settings with the A-350 temperature control. We suggest the room's high temperature be set no higher than 120°F to prevent scalding anyone. When the thermostats are set they should be locked to prevent further adjustment or tampering.

4. TIME CLOCK/REMOTE SWITCH OPERATION

TIME CLOCK:

The factory has set the time clock to operate the steam generator (on printed circuit board, remote switch to "CLOCK").

- The built in timer is a 24 hour time clock, 1:00 to 12:00 am and 1:00 to 12:00 pm. The cover over the clock face snaps off, allowing the clock and steam unit operation times to be set.
- Set the time clock to the correct time of day by turning the minute hand clockwise. **DO NOT SET THE TIME by ROTATING "Outer" DIAL.** Remember, it is a 12 hour clock and the white triangle on the inner dial aligns with the time in AM or PM.
- To set the steam unit "ON/OFF" switching operation, identify the "96" white captive trippers" located around the outside ring of the clock face and push them all to the "off"

(inward) position. To set the time or times during a day that the steam generator is to be operational, push all of the corresponding captive trippers to the "on" (outward) position. Each tripper is 15 minutes.

REMOTE SWITCH:

To use a remote switch (i.e. a computer) to replace the built in time clock:

- Locate the "clock/remote" switch on the bottom center of the main printed circuit board located in the left side of the steam unit electric box and switch it to "remote."
- Connect the wires from the remote switch to the "remote" low voltage terminals located in the left side of the steam unit electric connection box. The remote switch must be capable of handling 3 amps at 24 VAC.

CAUTION: Do not switch between "remote" and "clock" during steam operation.

Make sure the time clock switch (3-way manual override) or the remote switch, whichever is in use, is in the "OFF" position. To turn the time clock off, move the 3-way manual override switch located on the clock face to the lowest or "OFF" position.

5. POWER SUPPLY

Energize the steam unit by switching the power supply circuit breaker or main disconnect switch to the "ON" position.

6. START THE STEAM CYCLE

Switch the steam unit "ON" using either the built in time clock or the remote switch, whichever you have set to be used. If using the time clock, set the clock 3-way manual override switch located on the clock face to the "CLOCK" or center position. At this point, the boiler fills with water, while the drain valve is closing.

When the steam unit water level rises to connect with the water level sensor inside the boiling tank, the water fill valve closes. If the red lights are illuminated at the thermostats (indicating they are calling for heat and steam for the room), this will close the main relay contactors energizing the heating elements to boil the water.