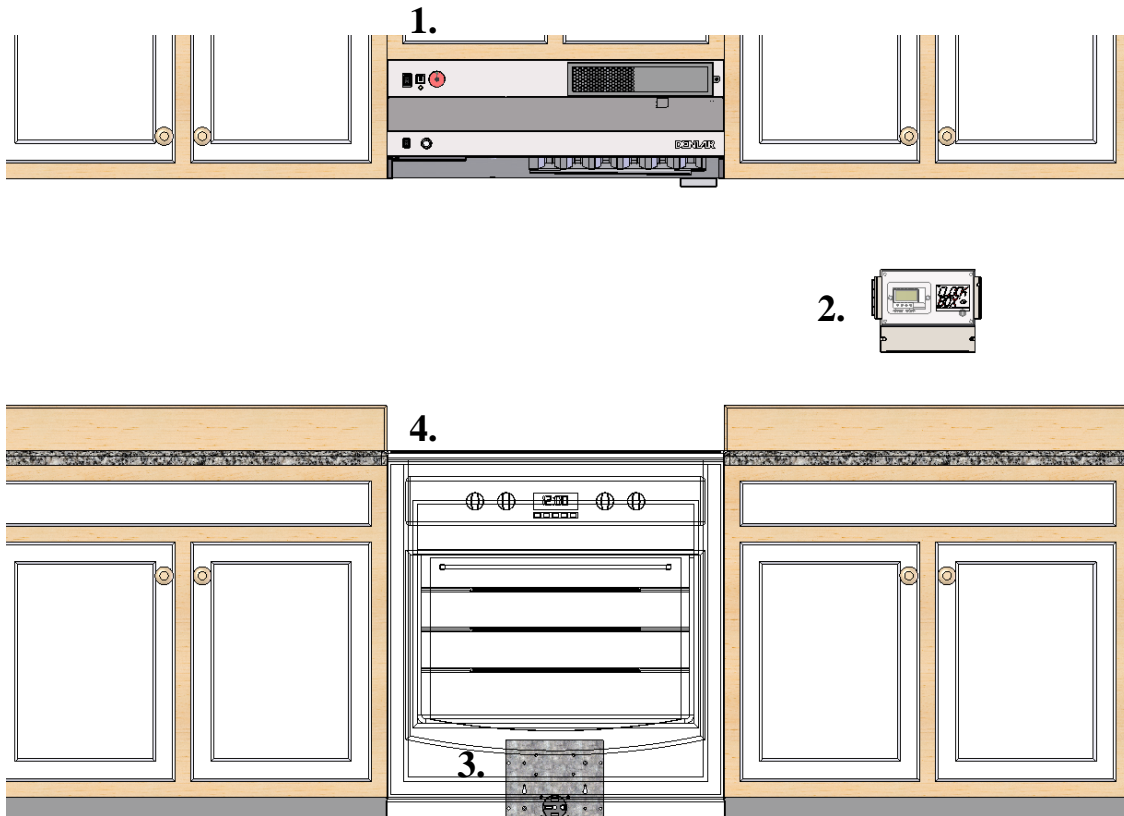




# The D1000

## Clockbox Interface Diagram



1. 110 VAC Supply line is provided to the Hood\*
  - a. Turn on the hood, press reset on the hood to turn on the ClockBox.
2. The hood will provide the 110 VAC supply line to the ClockBox.
3. The ClockBox will provide power to the Power Disconnect as long as there is time left in it (2 hours maximum)
  - a. Button ◀ will start the 2 hour time, button ▶ will stop it, pressing button ◀ will restart the cycle.
4. The Power Disconnect Assembly will Supply the input line to the stove as follows:
  - a. If an Electrical Disconnect:
    - i. It will control the 110VAC coil of a contactor allowing the 220VAC supply line to the Stove (NEMA 14-50 receptacle)
  - b. If a Gas Disconnect:
    - i. It will open the Solenoid allowing gas to flow to the input line of the stove.
  - c. The above reference will be maintained for as long as there is time left at the ClockBox, once the time expires, it will open the contact in the timer, stopping the supply line to the Power Disconnect, which in turn will shut off the stove.

\* WARNING: If the ClockBox is locked out due to invalid password attempts, it will only reset after 30 minutes and must not be powered off or the lockout timer will reset. After the 30 minute lockout timer has expired, the clock box will return to the menu screen with the MONITORING selection blinking. To exit the clock box menu, you must hit the ◀ arrow or first button on the clockbox. The display will read "THE CLOCK BOX TIME HAS EXPIRED PRESS START (1) TO RUN FOR 2 HOURS". Press the ◀ or first button again to put the clock box back into its RUN state.