



On the VEDO127, 130 and the VESO127 and 130, to access the diagnostics, push and hold **CLOCK** button for 3 seconds to access *Settings*.

### SETTINGS

To change the settings parameter, hit **CLOCK**  
To Advance setting to next parameter, rotate the **SET** knob

Parameter	To change *	Parameter
• <b>deg F</b>	> CLOCK <	<b>deg C</b>
• <b>H12</b>	> CLOCK <	<b>H24</b>
• <b>SAb no</b>	> CLOCK <	<b>SAB on</b>
• <b>SHO no</b>	> CLOCK <	<b>SHO on</b>
• <b>dOnE</b>		

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*Each press of the CLOCK button will toggle the parameter*

- Depress **MIN /SEC** button to cancel *Settings*

### OVEN OFFSET

**NOTE:** You must be in *Settings > Clock Adjust* to adjust the oven offsets

While in **CLOCK ADJUST** mode, rotate the **SET** knob Clockwise and you will see **OFSt - upper oven** in the display.

If you are working on a Single oven (DSOE) you want to make adjustments here. If you are working on a double oven and need to adjust the lower oven, rotate the SET knob to display **OFSt - lower oven** in the display. Rotate the knob CW and CCW to toggle between oven cavities. .

When the proper oven cavity has been selected, press the **CLOCK** button. You should see **OF** and either upper or lower oven in the display (**0** degrees is the default). If after properly testing the oven temperature you find that it is incorrect, here is the procedure to adjust:

For example, If the lower oven temperature has been tested and determined to be **20° TOO LOW**, access **OFSt - lower oven**. Depress the **CLOCK** button and **OF- lower oven** will show in the display.

Using the SET knob, rotate *Clockwise* to change the setting to **+ 20° - lower oven**. This will INCREASE the temperature by 20° temperature. To save this change, depress the **CLOCK** button.

If the temperature was 20° too hot, you would rotate the knob *Counter Clockwise* to **-20° - lower oven**. This will DECREASE the temperature by 20° actual temperature. To save this change, depress the **CLOCK** button.

### CLOCK ADJUST

**NOTE:** You must be in the *Settings* mode to access this parameter.

Push and hold **MIN/SEC TIMER** and **BAKE** button simultaneously and you will hear 3 confirmation beeps. Hold for 5 seconds to access. Once entered, you will see either a number **1** or a number **2**.

If you are working on a single oven, a **1** should be displayed. If working on a double oven, a **2** should be displayed. If the setting is incorrect, change the parameter by pushing the **CLOCK** button to change.

Parameter	To change *	Parameter
• <b>1</b>	> CLOCK <	<b>2</b>

\* *Each press of the **CLOCK** button will toggle the parameter*

### DIAGNOSTICS and TESTING

**NOTE:** You must be in the *Settings* mode to access this parameter

Push and hold **START TIME** button and you will hear 3 confirmation beeps. Continue to hold for 5 seconds until you here 1 confirmation beep. Now, within 3 seconds, press **BAKE TIME**, then **START TIME**, then **BAKE TIME**. When you have successfully entered the diagnostic mode, you will see the first screen which will look like this: **u0 11**. The number 11 shown here is the software version of the TOD (Clock).

To scroll through all the parameters, rotate the **SET** knob CW or CCW. Once a parameter has been selected, depress the **CLOCK** to perform test. Press **START TIME** to exit

Rotate SET knob:

Parameter	Action	Description
<b>H60</b>	> N/A <	Frequency
<b>dISP</b>	> CLOCK <	all digits should illuminate
<b>EOC4 - upper</b>	> CLOCK <	upper oven testing
<b>EOC4 - lower</b>	> CLOCK <	lower oven testing
<b>dOnE</b>	> START TIME <	To exit test

Once you have selected which oven you will test, the following are the parameters you can test on the EOC

Parameter	Action	Description
<b>u0 25</b>	> N/A <	EOC software version
<b>rtd</b>	> CLOCK <	oven temp from RTD
<b>PrOb</b>	> CLOCK <	meat probe (default 0°)

<b>CSEL</b>	> CLOCK <	Check selector contact
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Start selector at OFF, rotate through selections:

#### UPPER OVEN

Setting	Clock readout
OFF	<b>00</b>
Bake	<b>1479</b>
Convection Bake	<b>2420</b>
Tru Convection	<b>3358</b>
Convection Roast	<b>4297</b>
Convection Broil	<b>5239</b>
Hi Broil	<b>6182</b>
Med Broil	<b>7125</b>
Low Broil	<b>8066</b>
Clean	<b>9015</b>

The first number is the position of the switch; the next three numbers are the AD value divided by 2.

#### LOWER OVEN

Setting	Clock readout
OFF	<b>00</b>
Bake	<b>1441</b>
Hi Broil	<b>2339</b>
Med Broil	<b>3237</b>
Low Broil	<b>4143</b>
Clean	<b>5053</b>

Parameter	Action	Description
<b>SEtp</b>	> CLOCK <	Check thermostat contacts

Start thermostat at OFF, display should read 0°. Rotate the thermostat through the temperatures should match up on display. This will test the accuracy of the potentiometer.

<b>Ad</b>	> N/A <	Skip this test
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The following tests will activate the individual elements and display the amperage of each:

<b>l bA</b>	> CLOCK <	Inner Bake element amps
<b>0 bA</b>	> CLOCK <	Outer Bake element amps
<b>l br</b>	> CLOCK <	Inner broil element amps
<b>0 br</b>	> CLOCK <	Outer broil element amps
<b>Con</b>	> CLOCK <	Convection element amps
<b>CnHF</b>	> CLOCK <	Runs the Convection fan HIGH
<b>CnLF</b>	> CLOCK <	Runs the Convection fan LOW

Parameter	Action	Description
<b>CLH</b>	> CLOCK <	Cooling Fan ON – High *
<b>CLL</b>	> CLOCK <	Cooling Fan ON – low *
<b>CSH</b>	> CLOCK <	Cooling Speed H – RPM *
<b>CSL</b>	> CLOCK <	Cooling Speed L – RPM *

\* The VESO and VEDO 127, 130, use a single speed fan. Results on above test will be the same

<b>Lit</b>	> CLOCK <	Operate light relay
<b>CnLr</b>	> CLOCK <	Runs the Convection fan Low reverse
<b>CnHr</b>	> CLOCK <	Runs the Convection fan High reverse

Parameter	Action	Description
<b>LAtc</b>	> CLOCK <	Operate latch motor

When the **CLOCK** button is pushed, the display will change and will display **UnL**. Push the **CLOCK** button a 2<sup>nd</sup> time and the motor will begin to turn. As the motor turns, the display will change and show 3 dashes in the display [ - - - ]. Once the door has locked, **LOC** will show in the display.

The door is now locked. Now reverse the process:

When the **CLOCK** button is pushed, the display will change and will display **LOC**. Push the **CLOCK** button a 2<sup>nd</sup> time and the motor will begin to turn. As the motor turns, the display will change and show 3 dashes in the display [ - - - ]. Once the door has unlocked, **UnL** will show in the display.

Parameter	Action	Description
<b>HLEd</b>	> CLOCK <	Heat light on and off
<b>CLEd</b>	> CLOCK <	Clean light on and off
<b>dS</b>	> CLOCK <	Open and close door
		With door closed <b>CLS</b> With door open <b>OPn</b>
<b>LS</b>	> CLOCK <	Test panel light switch
		Each push of the panel light switch should cycle between <b>On</b> and <b>OFF</b> on the display.