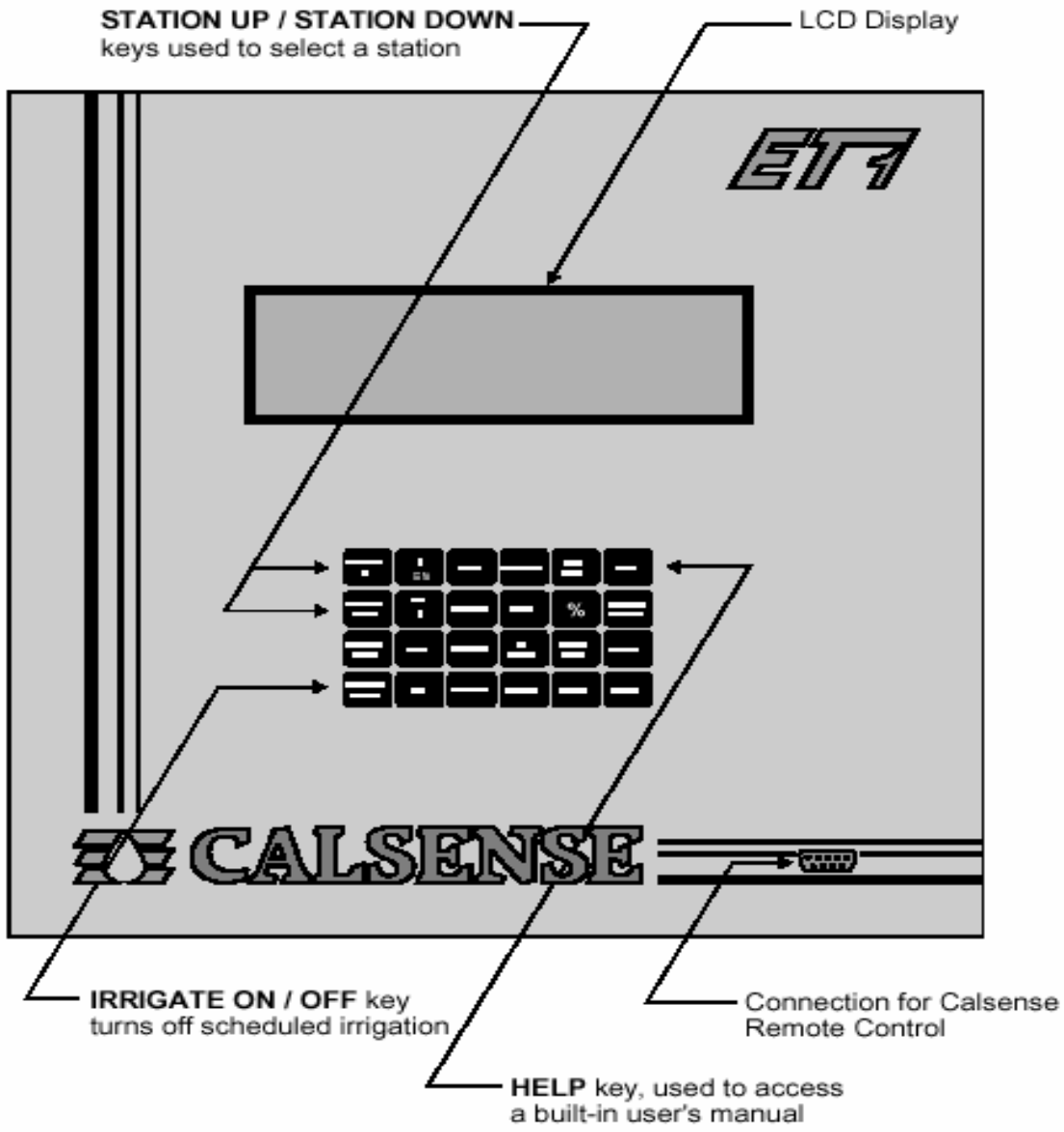
## RAIN BUCKET

### ET1 RAIN BUCKET SETUP



# RAIN BUCKET

## ET 1 RAIN BUCKET SET-UP

**ET1 SETUP KEY SEQUENCE:** After the Calsense Rain Bucket is installed, it must be enabled in the Controller Set-up program. Enter set-up using the following.

***ET1 SETUP KEY SEQUENCE***

| | |
|---|---|
| IRRIGATE ON / OFF | Press **IRRIGATE ON /OFF** (if the controller is turned off, this is not necessary) |
| STATION UP | Press **STATION UP**. |
| STATION DOWN | Press **STATION DOWN**. |
| ⬆ ON | Press **ON / UP ARROW**, the set-up program screen will appear. |
| ENTER | Press the **ENTER** key until the Daily ET : RAIN BUCKET screen appears (shown on next page). This is the first in a series of screens that will need to be programmed if a Rain Bucket is installed. Each screen is shown along with a description of the different options that can be set. |

**ET1 SET-UP CHANGE KEY SEQUENCE**: All Changes in Set-up are made using the following procedures:

***ET1 SETUP CHANGE SEQUENCE***

| | |
|---|---|
| ⬆ ON | Press **ON / UP ARROW** to change a highlighted item. |
| CHANGE | Press **CHANGE** key to move the highlight to another item. |
| ENTER | Press **ENTER** when all changes have been made, and to move on to the next screen. |

## *RAIN SETUP:*

This section describes the steps necessary to set-up the controller to use rain. To use this feature, the controller must be connected to a Rain Bucket, or have the ability to share rain data through the Calsense Command Center software.

Cycle through the SETUP screens until you come to the DAILY ET CONT'D: RAIN BUCKET screen. (Figure 1).

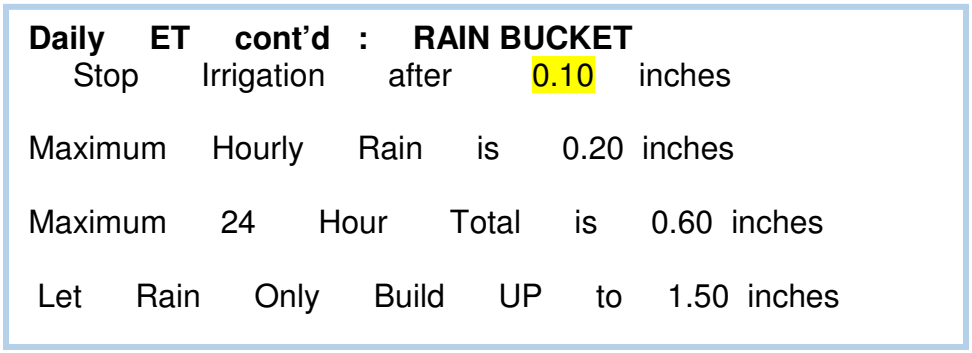



**Figure 1**

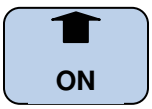
The four (4) settings on the screen determine how much actual rainfall will be placed into the rain table, which are used to offset irrigation run times. The following is a description of each: (Figure 1).

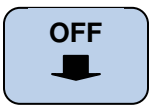
**Stop irrigation after:** This setting determines how much rain must fall before the controller will start accumulating rainfall values in the rain table. It also determines when to halt any on going irrigation. In figure 1, 0.10 inches of rain will have to fall before any rain data starts to accumulate in the rain table.

**Maximum Hourly Rain:** This setting determines the maximum amount of rain that will be put in the rain table after a period of one (1) hour of rain. In figure 1 a maximum of 0.20 inches of rain will be put into the rain table, no matter how much rain falls in a one (1) hour period. The amount of rain from this setting put into the rain table, will increase only until it reaches the 24 hour setting.

**Maximum 24 Hour Total:** This setting determines the maximum amount of rain that will be put into the rain table in a 24 hour period. In figure 1 a maximum of 0.60 inches of rain will be put into the table, no matter how much rain falls in a 24 hour period. The amount of rain from this setting put into the rain table, will increase only until it reaches the Let Rain Only Build Up to setting.

**Let Rain Only Build Up to:** This setting determines the maximum amount of rain that can be stored in the rain table. In figure 1 the controller will stop storing rain data in the rain table if the "Maximum 24 Hour Total" reaches 1.50 inches of rain.

Use the 

or 

key to change the setting.

Press the **CHANGE** button to move to the next entry.

Press the **ENTER** button to move to the next screen.

**Daily ET cont'd :** RAIN CAUSES NEGATIVE HOLD-OVER which subtracts from upcoming Irrigations. With a 'YES' enable this Feature for each program.

| | | |
|---|---|---|
| A YES | D YES | D1 YES |
| B YES | E YES | D2 YES |
| C YES | | |

**Figure 2**

**Hold Over Time:** The Hold-over time setting is used to force the controller to end a program's irrigation cycle at a specific time. If the irrigation cycle is forced to end before it has finished, any unfinished irrigation will be saved as hold-over time. The controller will then try to use up this hold-over time during subsequent irrigation cycles. If the controller has accumulated hold-over time, you can view it or delete it at the IRRIGATION DETAILS screen. This feature is used when you want to make sure that no irrigation will occur after a certain time in the morning. Each of the seven (7) Programs in the ET1 have independent hold-over time settings. The default setting is "YES". You can change the setting to "NO" to choose not to use hold-over for a program. (Figure 2).

Use the **ON** or **OFF** key to change the setting.

Press the **CHANGE** button to move to the next entry.

Press the **ENTER** button to move to the next screen.

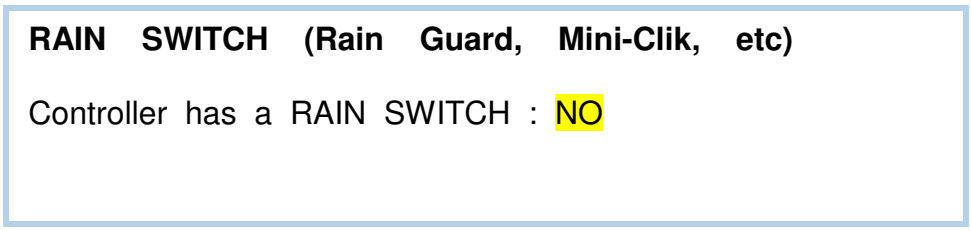



**Figure 3**

**Rain Switch:** If a Rain Switch, Mini-Clik, or other Rain device other than a rain bucket is connected to the controller select YES, if not the default setting is NO. (Figure 3).

Use the **ON** or **OFF** key to change the setting.

Press the **ENTER** button until you exit the setup mode.

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