

OASIS

8053

BASIC OPERATING INSTRUCTIONS

For more details please refer to the manual pages 13-24

USES

The Oasis is a self watering system that distributes water to your plants up to 20 plants, up to 40 days.

Oasis is the solution to the problem of watering your plants when away from home keeping them healthy and hydrated.

The system is ideal for indoor use; for outdoor use the unit has to be placed in a dry and shaded area away from direct sunlight.

COMPONENTS

The Oasis comes complete with a 6.6 gallon tank, 33' of soft and pliable distribution hose, 20 stakes, 20 drippers and comes equipped with a battery operated electronic timer and latching solenoid valve.

One dripper is sufficient for small and medium size plants, two drippers per pot are suggested for larger plants.

However please select the program that best suits your plant needs (see programming options listed below).

Before setting up the unit move the plants next to each other.

For replacement parts contact Claber USA via email at info@claberinc.com or via phone at toll 1-800-930-4566.

BATTERY INSTALLATION

Press the two side buttons on the front panel then insert one 9v battery into the terminal.

Replace the battery back into the housing.

We advise to change the battery once a year.

UNIT ASSEMBLY

The Oasis **MUST** be placed on a surface that is at least 2.5 feet above the highest pot then position plant(s) close to the surface on which the Oasis is standing.

< Insert the plastic stakes close to the stems of the plant(s). Depending on the size of the plant and watering requirements one or more stakes may be used per plant.

< Unwind the distribution hose then connect one end of the hose into either one of the two nipples on the bottom front panel of the Oasis. Firmly push the distribution hose on to the nipple; making sure that the hose lays flat against the back so that no air pockets can be developed. Repeat the same operation with the other end of the distribution hose.

< When starting the looping process, reserve enough distribution hose on each side so that the hose touches the floor. This is necessary for unit to work as a gravity feed system.

< Lay the hose around the plants inserting the hose into the individual stakes taking care not to create kinks in the hose. Once hose has been placed into the stakes you should have created a "Loop" shape.

< To install the drippers, cut the hose straight about 1/2" away from the stake then firmly push the dripper into the hose so that the hose lays flat against the dripper.

It is best that the outlet nozzle in the center is facing downward. Use the same procedure for all other drippers.

NOTE: When setting up the Oasis for the first time, make sure to vent the air from the circuit as described in troubleshooting section #3

PROGRAMMING

Turn the dial on the front panel to Zero (off) then fill the tank with 6.6 gallons of water.

Now turn the dial to your desired watering program to automatically start the electric timer.

Water distribution per each program

Program	Water Delivery
10 days	4.05 oz of water per dripper per day; system waters twice a day, each watering cycle lasts 12 minutes
20 days	2.02 oz of water per dripper per day; system waters twice a day, each watering cycle lasts 6 minutes
30 days	1.35 oz of water per dripper per day; system waters twice a day, each watering cycle lasts 4 minutes
40 days	1.01 oz of water per dripper per day; system waters twice a day, each watering cycle lasts 3 minutes



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Please make note that total tank capacity is 6.6 gallons but total water usage is 6.43 gallons leaving a small amount of water inside tank (33 oz./0.257 gal) to prevent air pockets entering the distribution hose that happens when tank is completely empty.

NOTE: Water delivery per dripper remains the same regardless of number of drippers used. Although if using less than 20 drippers with a full tank the system will continue to operate until water level inside the tank reaches 33 oz./0.257 gal.

Example for 10 days program: 6 drippers used = 4.05 oz. X 6 = 24.3 oz./0.1898 gal. of water per day

1) How much water will be used with 6 drippers in 10 days?
 $24.3 \text{ oz} \times 10 \text{ days} = 243 \text{ oz}/1.89 \text{ gal.}$

2) How long will the unit operate when tank is full and using only 6 drippers?
 $6.43 \text{ gal} \div 0.1898 \text{ gal} = 33 \text{ days}$

RECOMMENDATIONS OF USE:

< Install the Oasis a few days prior your departure to make sure that it works properly and that the watering program chosen meets your plant needs.

< Do not add any liquid fertilizer/chemicals to the water in the tank. Fertilizer/chemicals should be applied directly into the soil.

< Oasis is designed as a self contained watering system with limited capability therefore use of additional hose and drippers is strongly not recommended.

< When storing the Oasis:

- 1) Remove the battery
- 2) Completely drain out all remaining water inside distribution hose and drippers
- 3) Remove white filter attached to pressure pump cylinder for cleaning (use warm water and distilled vinegar)
- 4) Wipe down the inside of the tank with an absorbent cloth
- 5) Store with lid on.

ROUTINE CLEANING AND MAINTENANCE

When the Oasis tank has been emptied and not used for at least a month, traces of dirt or limescale needs to be cleaned from the internal parts of the system as follows:



Detach the front panel and disconnect the control wires from the solenoid



Simply unscrew the solenoid valve from sniffer which is the component where the small bore of rubber hoses emerge



Clean the rubber seal on the internal plunger of the solenoid, using a damp sponge (do not use any type of cleaning agents)



Reassemble the parts, by screwing the solenoid securely to the sniffer and reinstate the control wire:
red = positive / black = negative

The Oasis system can now be returned to operation

TROUBLESHOOTING

If LED light is not on, change the battery.

If water does not come out, check the following:

- 1) Distribution hose has no kinks and restrictions
- 2) Tank is sitting 2.5 feet above the highest pot
- 3) Remove air pockets from distribution hose as follows:

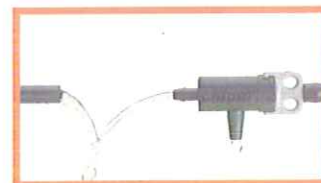
- < Turn the system on
- < Remove the hose from any dripper; place finger on hose end and wait for water to flow from the dripper



< Place finger on dripper end; once water flows from the hose, remove finger from dripper and water should be flowing from both ends



< At this point reconnect hose to dripper



4) Distribution hose is firmly connected to both nipples located under the front panel

5) Clean drippers:

- < While holding the dripper turn gray piece towards you so that is on horizontal position
- < Pull out both pieces of dripper in opposite directions; use a pair of pliers to assist making sure to not damage dripper in any way
- < Clean dripper inside with warm water and distilled vinegar
- < Once cleaned, snap drippers and firmly together

6) Follow the routine cleaning and maintenance procedure listed above.

Accepting full responsibility Claber declares that the product complies with the following standards and relative documents: EN 55022/CEI ENV 50140, In line with the requirements of the CEE DIRECTIVE 89/336. Claber guarantees that the product is free from defects in both material and manufacturing for a period of one year after the date of delivery to the consumer.

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