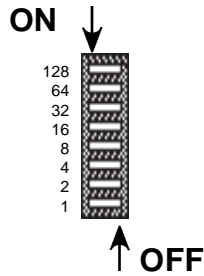


Use your Browsers Back Button To Get Back to Hydro-Gardens Site.

12 STATION SOLID STATE IRRIGATION CONTROLLER

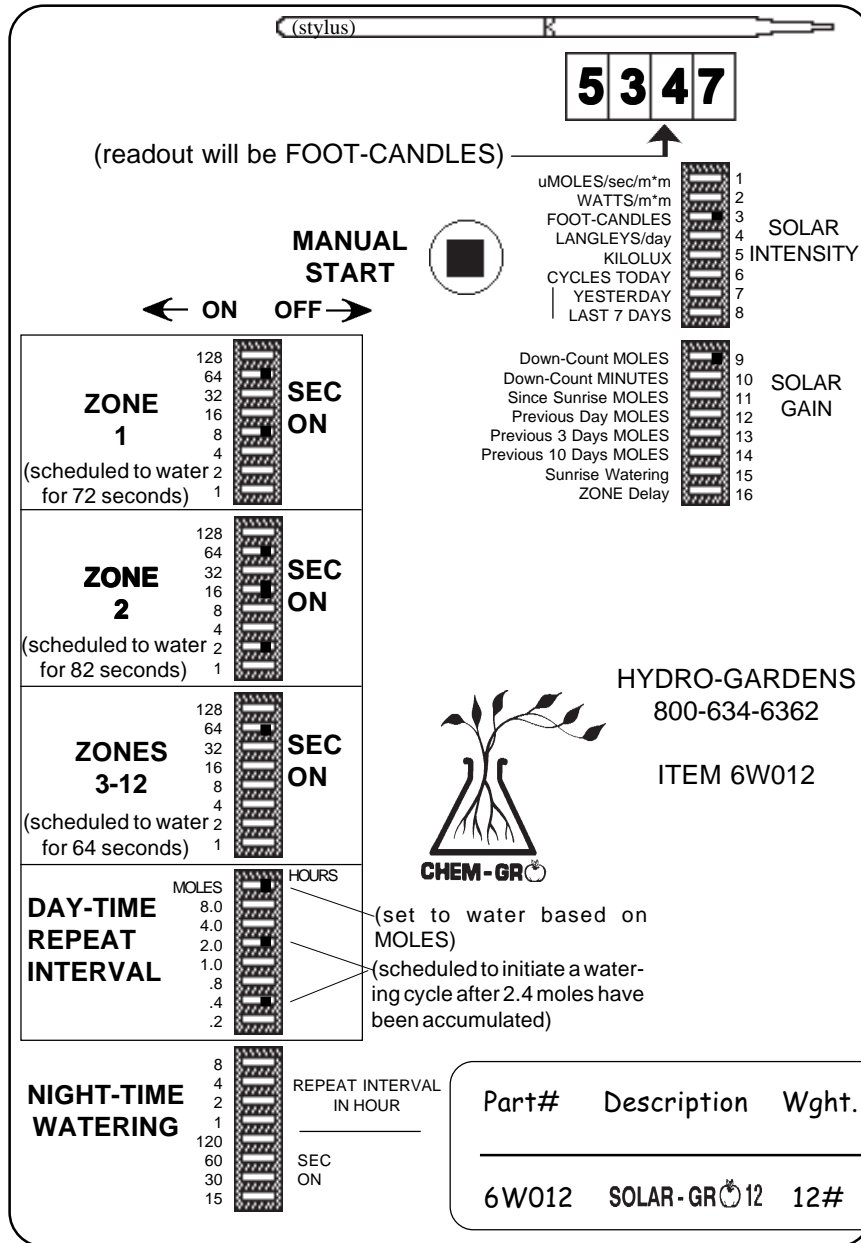
An Affordable Irrigation Controller that Automatically Adjusts Irrigation Cycles with Changes in **Solar-Intensity!**

SOLAR CELL
(Included)



BUILT-IN
TRANSFORMER
(Included)

SIZE:
9 1/2" wide
8 1/2" tall
5" deep



IRRIGATION ON-TIME --- Set from 1 to 255 seconds in 1 second increments, in either SOLAR-MODE or in MINUTES-MODE.

ZONES 1 AND 2 --- Set for a different on-time length than the other zones to water the outside rows of the greenhouse for a longer duration than the inside rows.

REPEAT INTERVAL (Irrigation Starts per Day) The SOLAR CELL must be attached for the controller to detect day/night. In the SOLAR-MODE the REPEAT INTERVAL can be set from 0.2 to 16.4 MOLES in 0.2 MOLE increments. In the HOURS-MODE the REPEAT INTERVAL can be set from 12 minutes to 16.4 hours in 12 minute increments.

NIGHT TIME WATERING --- Set to water at night in 1 hour increments from 1 to 15 hours; on time from 15 to 225 seconds.

DIGITAL READ OUTS --- 14 different selections that will scroll through on the digital display window, the most useful of which is moles remaining until the next watering cycle. You can then judge if the plants need an additional irrigation before the next scheduled watering. Activating MANUAL START will zero out the MOLES that have been collected since the last cycle start.

SUNRISE WATERING --- All zones can be irrigated at sunrise to insure that the media is damp enough to begin the days' growth. The balance of the irrigation times during the day will then be controlled by either the SOLAR or MINUTES MODE.

ZONE Delay --- When activated, provides a 6 second delay between zones watering.

POWER OUTPUT --- 24 VAC solenoid station outputs as indicated by the description. Each output will power up to 14 Watts of demand. A maximum of two of our solenoid valves per station.