

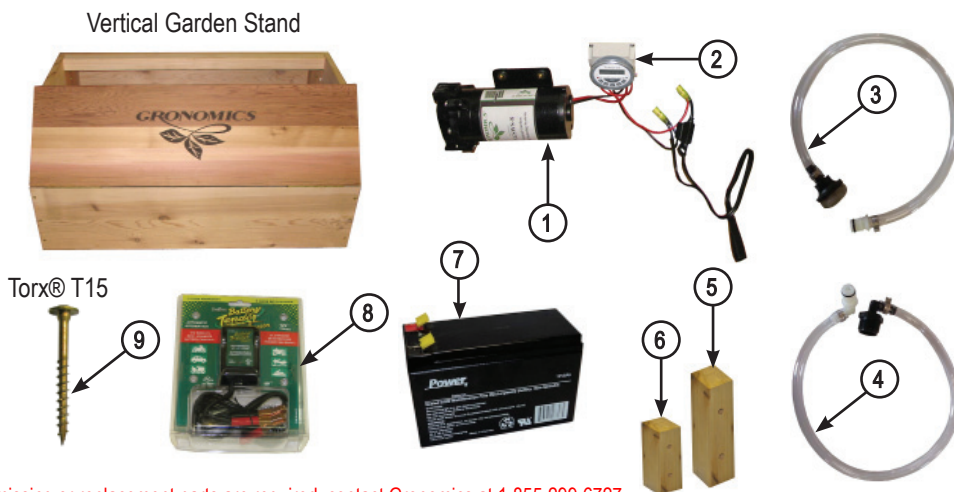
1 Parts Identification

Item #: VGSW-8DC

Remove the contents from box.
Using the parts list, locate and count the individual pieces and verify that you have received the correct number of pieces.

Ground preparation is optional, however we recommend leveling area under frame of product, or place product directly on a flat level surface before filling with soil.

NOTE: The vertical garden stand (shown) must be purchased separately.



If any pieces are missing or replacement parts are required, contact Gronomics at 1-855-299-6727.

Parts List

ITEM	QTY.	PART #	DESCRIPTION
1	1	VGWPA-1DC	DC Pump
2	1	TM-619-12V	Digital Timer
3	1	SHS24	Suction Hose With Screen
4	1	SHT24	Supply Hose With Threaded Hose Connection
5	1	WMB65	Wood Mounting Block
6	1	WMB3	Wood Mounting Block
7	1	WKA12-8F2	Battery
8	1	BT021-0123	Battery Charger
9	8	CS8-112ZY	6 Screw, GRK #8 x 1-1/2" and 2 small timer screws

Product Care & Maintenance - Western Red Cedar will turn a weathered grey if left unfinished. Although no finish is required for cedar products when used outdoors, a natural oil finish applied regularly will help maintain the beauty and minimize cracking and drying. It is recommended to use **Gronomics Garden Bed Oil (Item # GBO-1Q)**, a non-toxic, food safe finish that is very easy to apply. Apply Oil when air and wind temperatures are between 50-90degrees. Avoid applying in direct sunlight.

Packaged & Inspected by:

Date:

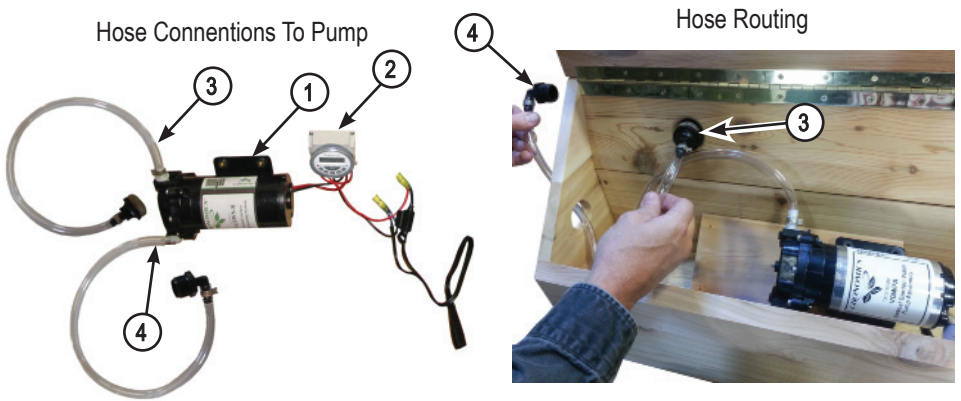
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2 Pump / Hose Connection And Hose Routing

Connect the suction hose with screen (Item 3) and supply hose with threaded hose connection (Item 4) to the pump (Item 1) as shown.

Place the pump / timer assembly (Items 1 & 2) into the garden stand. Route the pump suction hose w/ screen (Item 3) through the garden stand as shown.

Route the pump supply hose w/threaded hose connection (Item 4) through the garden stand as shown.



3 Component Installation

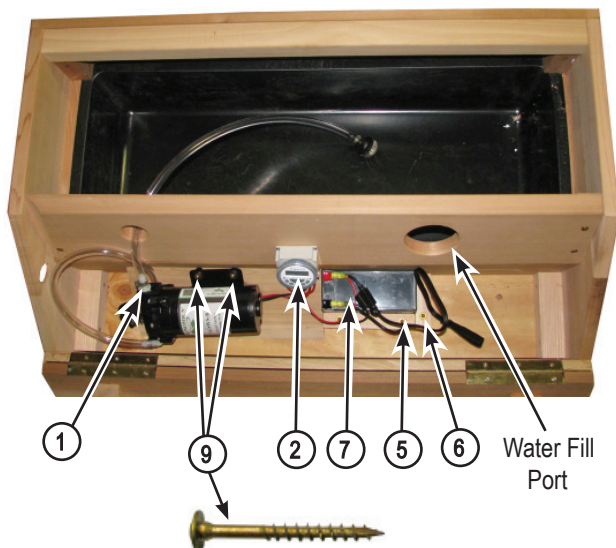
Align the pump (Item 1) inlet with the hole in the stand and secure the pump with two #8 x1-1/2" screws (Item 9).

Install the battery (Item 7) as shown, then place the two wood mounting blocks (Item 5 & 6) against each side of the battery and install four #8 x1-1/2" screws through the mounting blocks.

Install the timer (Item 2) with the four screws provided with the timer.

Connect the red wire from the timer to the battery terminal positive connection (Red).

Connect the black wire from the timer to the battery terminal negative connection (Black).

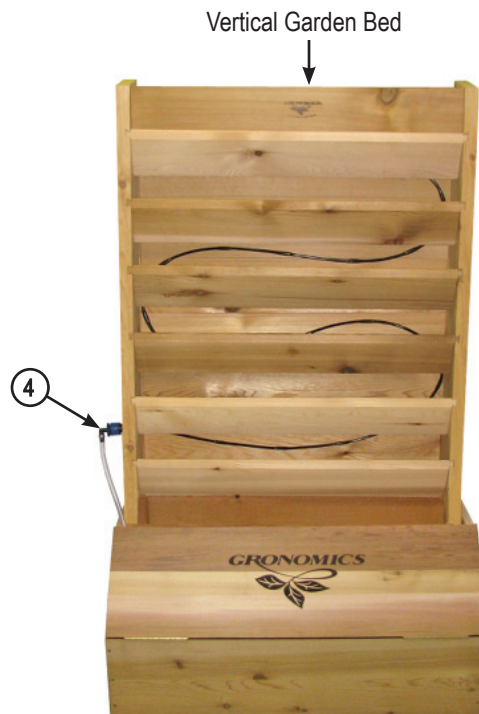


4 Installing The Vertical Garden Bed

Lower the vertical garden bed into the garden stand.

Fasten the vertical garden bed to the garden stand with four #8 x 1-1/2" screws.

Connect the supply hose threaded connector (Item 4) to the hose connector on the garden bed.



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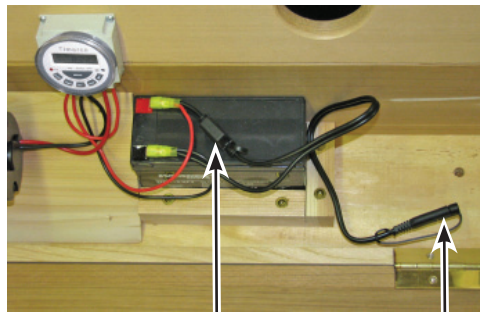
5 Battery Charging

NOTE: See the instructions supplied with the battery charger for proper use of the battery charger.

To charge the battery, remove the cap from the connector on the battery and connect the battery charger (supplied with the kit).

Route the battery charger wire along the pump and follow the pump suction hose out of compartment.

NOTE: If the battery will not charge, check the fuse located on the battery harness. If fuse is damaged or faulty, replace fuse with a fuse of same size AMPS.



Battery Fuse

Remove
Cap

6 Soil Mix

NOTE: Before adding the soil mix, verify that the vertical garden stand is secure and stable. Verify that all back rails and shelf rails are completely installed.

CAUTION: When filling the vertical garden with soil mix, support the irrigation tubing while filling. This will help prevent damage to the irrigation tubing.

Slowly place the soil mix into the top of the vertical garden. Add soil mix until it is approximately one inch below the top back and shelf rails.



Continued

Timer Button Functions:

1. **TIMER** - Programs review & settings
2. **MANUAL** - To select "ON, AUTO or OFF"
3. **CLOCK** - To adjust current DAY and TIME
4. **DAY** - To adjust DAY of week
5. **HOURL** - To adjust HOUR
6. **MINUTE** - To adjust MINUTE
7. **(R)** - RESET Timers settings
8. **LED** - Displays ON/OFF status

Press **(R)** button to reset Timer before programming

Adjusting Clock:

Press and hold **CLOCK** while pressing **DAY** key, **HOURL** key, **MINUTE** key respectively to adjust clock to accurate DAY, HOUR, MINUTE.

In 12-Hour-Format, **PM & AM** shall appear on LCD screen.

In 24-Hour-Format LCD screen shall indicate 0:00 - 23:59

Timer Programming:

NOTE: Press **(R)** button to reset Timer before programming.

1. Press **TIMER** key LCD will display 1
ON -- :--
2. Press **DAY** key to select any of 15-combinations of Daily-Programs to your application demand. Continuing to press **DAY** key, LCD screen shall alternate 15 combinations. (See Daily Program Chart at lower right).
3. Press **HOURL** and **MINUTE** to set HOUR/MINUTE for desired time for pump operation.
4. Press **TIMER** again LCD will display 1
OFF -- :--
5. Press **DAY** to select any of 15 combinations of Daily-Programs to your application demands.

NOTE: Day combination chosen in each ON/OFF program period must be consistent.

6. Press **HOURL** and **MINUTE** to set HOUR/MINUTE for desired for time for pump shut-down.

7. When finished setting 1 ON & 1 OFF, Press **TIMER** LCD will display 2
ON -- :--

8. Repeat timer programming steps 1 - 6 above to complete rest of ON/OFF programming

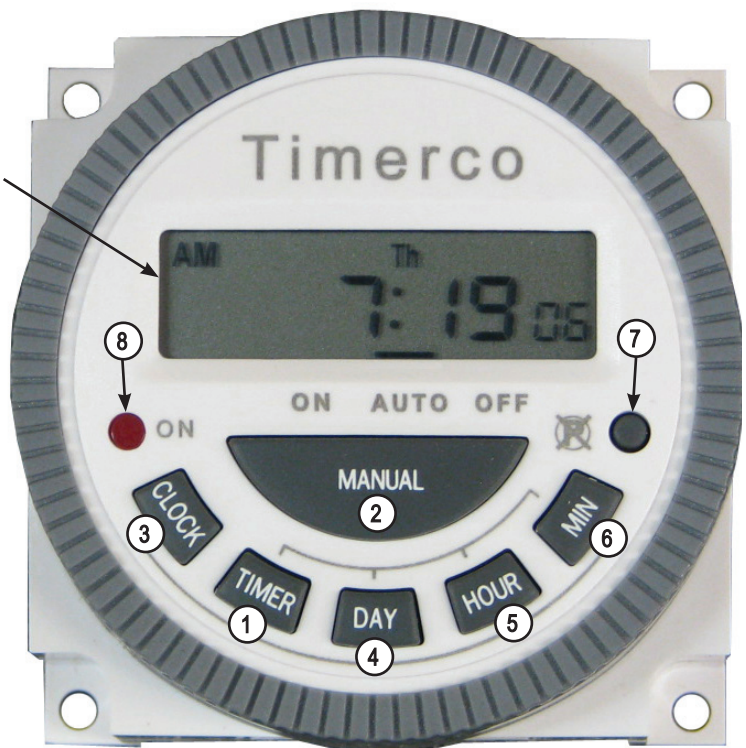
for 2
ON -- :-- → 2
OFF -- :-- thur 8 ON - 8 OFF if desired.

9. When finished programming settings, press **CLOCK**, timer will start to execute programs.

10. Press the **MANUAL** key once or twice to set the timer status to AUTO. (status indicated by the black line located at the bottom of the LCD screen above AUTO).

NOTE: For detailed information on the timer see instructions provided with the timer.

LCD Screen



When programming the timer, the following week/days (shown in the chart below) will display at the top of the LCD display screen as DAY is selected each time.

When the day or number of days displayed on the LCD display screen are displayed as desired for your application, then program ON times and OFF times.

Daily Program Chart

1.	MO	TU	WE	TH	FR	SA	SU
2.	MO						
3.		TU					
4.			WE				
5.				TH			
6.					FR		
7.						SA	
8.							SU
9.	MO	TU	WE	TH	FR		
10.						SA	SU
11.	MO	TU	WE	TH	FR	SA	
12.	MO	TU	WE				
13.				TH	FR	SA	
14.	MO		WE		FR		
15.		TU		TH		SA	