



Designer Series
Smart Wall® Cabinet
Installation Guide





Designer Series Smart Wall[®] Cabinet Installation Guide

Important Safety Instructions

Please read all instructions before using your Smart Wall[®] Cabinet System.

Be sure to read and save this manual for future reference. Failure to follow the instructions and warnings in this manual may result in damage and/or serious injury.

WARNINGS

1. To reduce risk of electric shock, connect only to a properly grounded outlet.
2. To reduce risk of electric shock, inspect cord for damage before installation and/or maintenance. Replace entire pump/cord assembly if damage is found.
3. Do not remove the grounding pin from the cord.
4. Do not exceed voltage shown on pump.

CAUTIONS

1. This system is not intended for outdoor use, use at your own risk.
2. Use proper power source as indicated on the water pump label. Keep the cord away from high temperature or heat source.
3. Use Smart Wall[®] only for its intended use as described in instructions.
4. Do not use attachments not recommended by manufacturer.
5. Electrical wiring must be in accordance with local regulations.
6. Use only approved and supplied parts and accessories. Use of any other kind of accessory is not recommended. Replacement parts can be ordered from GSky Plant Systems, Inc. Never operate the Pump if it has a damaged cord or plug, if it is not working properly, if it has been dropped and damaged, or if cord has been dropped in water. If any of these conditions occur/exist, contact GSky Plant Systems, Inc.
7. Always disconnect from electrical outlet before handling the pump.
8. Do not let pump run dry.
9. Do not lift the pump by its power cord.
10. Do not pump heated liquids.
11. Operate with freshwater only.
12. Pump must be completely submerged for proper operation and cooling.

HINTS & TROUBLESHOOTING

1. Ensure the pump's flow control switch is set to maximum open setting before operating. Once flow is established, the pump's flow can be adjusted downward to a desired level, if maximum is too high.
2. If the pump operates, but there is no flow, check to ensure the pump is fully submerged.
3. If the pump operates, but there is no flow, check the supply tubing for kinks and correct.
4. If the pump operates, but there is no flow, and if the pump is submerged and there are no kinks in the supply tubing, lift the pump from the water. Remove supply tubing at pump outlet and clean tubing inside and out if necessary. Reset pump in water (outlet side up) and once water begins to flow, reattach supply tubing.

SAVE THESE INSTRUCTIONS



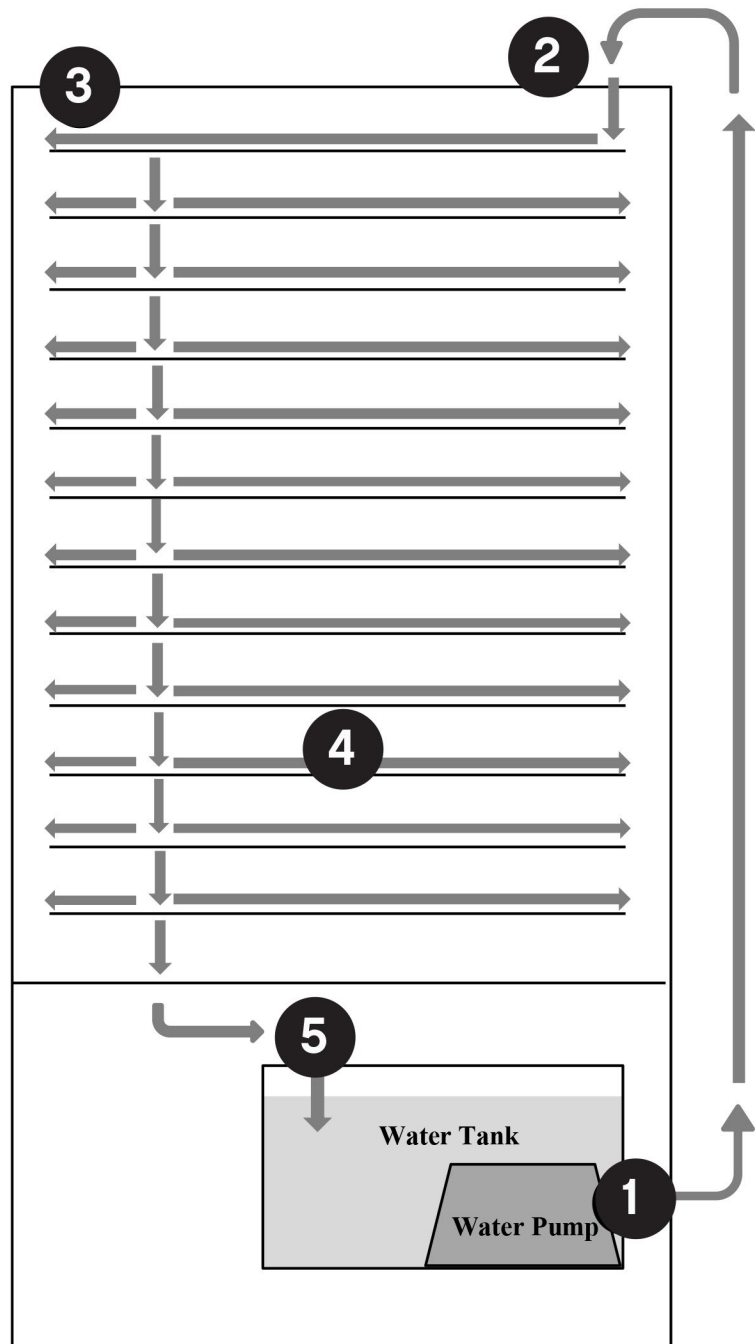
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How a Smart Wall[®] works

Before you begin, a quick overview of how the Smart Wall[®] works once installed.

Smart Wall[®] irrigation process

- 1.** The Water Pump is plugged into an appropriate outlet during each watering cycle. The Pump cannot be run without water in the Water Tank.
- 2.** Water is pumped from the Water Tank via the Water Pump into the Supply Hose that runs to the top of the Smart Wall unit.
- 3.** Water then fills the top Plant Tray to a set level, and then drains to the next Plant Tray and repeats this downward until all Plant Trays are filled.
- 4.** Each Plant Tray retains a level of water for the plants. Each potted plant rests in a depression, where water is wicked into the soil through the drainage holes in the pot bottom.
- 5.** Excess water then drains into the Water Tank via the Clear Plastic Drainage Tube where the water is stored for re-circulation. When all trays are full and water returns to the tank, unplug pump.





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Room Placement

Where to place the Smart Wall®

TYPE OF ROOM

Must Be Indoor Room

ELECTRICAL

An Electrical Outlet Must Be Accessible

LIGHTING

Use care in deciding how far to place Smart Wall® from a window.

You may need supplemental lighting. To best determine a room's lighting conditions, use a horticultural light meter.

For best result 150 ft candles for 10 hours.

TEMPERATURE / AIR VENTS

1. Most plants enjoy a comfortable temperature of 65 ° F (18° C to 80° F (26° C).
2. Care needs to be taken if plants are subjected to a direct source of cold air (open doors in cold climates, A/C vents).
3. Care needs to be taken if plants are subject to direct source of heat such as heating vents.
4. Monitor plants closely for foliage burn and proper moisture levels.

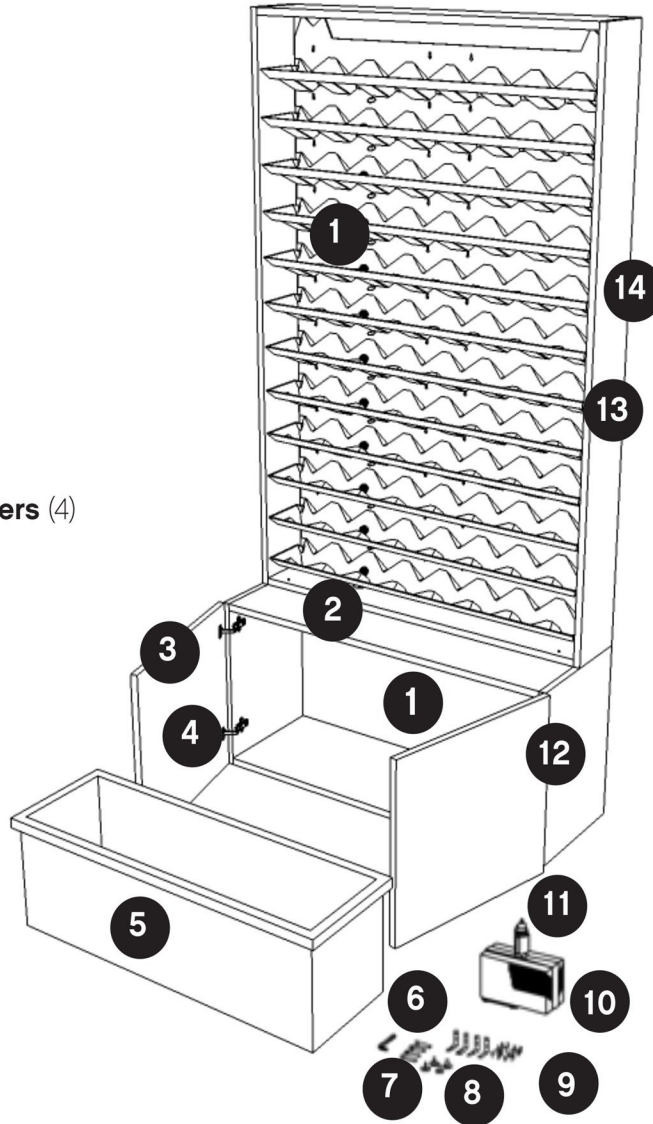


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Assembly

What's included.

1. Plant Trays (12)
2. Clear Plastic Drainage Hose
3. Cabinet Doors
4. Cabinet Hinge
5. Water Tank
6. Allen Key
7. Connector Bolts, Nuts and Washers (4)
8. Foot Levelers (6) - Assembled
9. Anti-Tip Clips
10. Water Pump
11. Pump Hose Adapter
12. Lower Cabinet
13. Supply Hose and Clip
14. Upper Cabinet



B) WHAT YOU'LL NEED

- 2 people
- Screwdriver (multi-bit)
- Level
- Access to Electrical Outlet
- 96 Plants (4~4.5" Potted Plants)
- Water

ITEMS THAT MAY BE NEEDED BUT NOT INCLUDED:

Extension Cord
(length as needed)



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Assembly (cont.)

1. Remove all components from packaging.
2. Refer to the "What's Included" section on page 6 to make sure you have all the parts.
3. Place **Lower Cabinet** at the installation location.
4. Adjust the **Foot Levelers** on the bottom of the **Lower Cabinet** using a level for guidance.
5. Connect the **Clear Plastic Drainage Tube** to the lowest tray fitting
6. **Note: This step will take 2 people.** Position the **Upper Cabinet** so that trays are facing the same direction as the **Lower Cabinet**. Lift and position the **Upper Cabinet** on top of the **Lower Cabinet**, feeding the **Clear Plastic Drainage Tube** through the hole in the bottom right hand corner of the **Lower Cabinet**.
7. Take the 4 **Cabinet Connector Bolts** and insert through the holes located on the ceiling of the Lower Cabinet, and hand turn them into the threaded sleeve on the **Upper Cabinet**. Tighten with the **Allen Key** to secure the **Upper and Lower Cabinets** together.
8. GSKy recommends you attach the **Upper Cabinet** to the wall with the provided **Anti-Tip Clips**.
9. Connect the **Pump Hose Adaptor** to the water output on the Water Pump.
10. Attach the **Supply Hose** to the **Pump Hose Adaptor** and feed up through the hole on the right hand side of the Smart Wall between the trays and the frame. Secure the supply hose using a clip at the top. Ensure the supply hose end is feeding into the top tray
11. Fill up the **Water Tank** with water to 6 inches from the top.
12. Submerge **Water Pump** in the **Water Tank** and secure **Water Pump** to the bottom of the tank using the suction cups on the bottom of the **Water Pump**.
13. Make sure the **Clear Plastic Drainage Tube** from the **Upper Cabinet** leads into the **Water Tank**.
Note: this is important so that water does not run outside the Water Tank
14. You are now ready to run the water for the first time. Before you do this, make sure you have completed all prior steps (1-12) to avoid any leaks.
Note: Feed the cord through the back of the Lower Cabinet.
15. Plug the Pump into the available Outlet to activate the pump. Allow the water to run until all **Plant Trays** are full and draining back into the **Water Tank** in the **Lower Cabinet**
16. During this process, if you see any leaks within the system or hear loud clicking/sucking noises from the **Water Pump**, disconnect the power cord immediately and diagnose the issue. Clean any blockages or refill the water tank before continuing with the irrigation cycle.
17. Once all plants/ trays have received water unplug the Water Pump.
18. Refill the **Water Tank** with water 6" inches from the top as water level becomes low.



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Maintenance Suggestions

Gsky recommends that you create your own maintenance plan & calendar for your customers. Here are some suggestions on what to include:

1) REGULAR MAINTENANCE (every visit / 7-14 days)

- **Check plant moisture level** (don't over or under water)
- **Check Water Tank level, fill as required**
- **Prune plants**
- **Remove dead leaves, dust / clean foliage**
- **Replace plants as required**
- **Check for pests & disease, treat as needed**
- **Check tray drainage holes for blockage**

2) QUARTERLY / BIENNIAL CLEANING

- **Clean the:**
- **Water Tank**
- **Water Pump** (and filter)
- **Supply Hose**
- **Clear Plastic Drainage Tube**
- **Plant Trays**

3) AS NEEDED

- **Preventive pest treatment as needed**
- **Add fertilizer**



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Limited Warranty

This warranty is our commitment that every Smart Wall[®] Cabinet System will perform reliably for a period of one year after the date of shipment from GSKY Plant Systems, Inc. or one of GSKY Plant Systems, Inc.'s authorized dealers.

Customers experiencing a failure directly attributable to materials within one (1) year after shipment, under the terms of our warranty, GSKY Plant Systems, Inc. will repair or replace the failed component(s), excluding the cabinet, free of charge.

The extended warranty is contingent upon customers using GSKY OEM parts exclusively and following the procedures as outlined in this Installation Guide.

The Extended Warranty excludes normal wear, abuse, misapplication, water damage, etc. For further clarification of our warranty policy refer to GSKY Plant Systems, Inc. standard Terms and Conditions.

Need more help?

Call 1-888-708-GSKY (4759)

Email support@gsky.com