

Indoor Varden Kit Installation Guide

The Box Has Arrived



Ready to Enjoy and Harvest





Un-packing and Mounting Layout

1. Unpack box and identify all parts listed here: (1) basin with drain, (1) right and (1) left side trim, (1) top trim, (2) light Mount bars, (1) pump, (1) grow light, (1) front edge basin cover, (1) cardboard tube filled with mounting hardware and empty sock mesh, (6) ¼" drip irrigation lines for each row of trays, (1) ½" irrigation supply line, (12) Varden trays to be removed from the wire panel prior to install, (1) structural wire panel and (1) black coroplast moisture backer that also serves as a template for the (4) mounting cleats that are inside the cardboard tube.
2. Locate basin in desired mounting position on the wall, check level and mark holes for plastic anchors and fasteners.
3. Drill pilot holes for plastic anchors and tap into position.
4. Hold basin up on wall in position to insert fasteners into holes and begin tightening to secure position. Check basin "side-to-side" level prior to final tightening and then finish when achieved.
5. The black coroplast moisture backer will now sit directly on the top rear edge of the basin that is attached to the wall. The moisture backer should sit right on top of the metal basin edge and be evenly spaced on both the right and left-hand sides.
6. At this point a piece of double-sided tape can be used at the top rear of the coroplast to hold it in place while pilot holes are drilled for the plastic anchors that will hold the mounting cleats. The coroplast is pre-punched with the mounting holes in exactly the right position so it is acceptable to drill right through those holes into the wall and then tap the plastic anchors into position while the coroplast is still up against the wall.
7. Now that the plastic anchors are through the pre-punched holes in the coroplast and into the wall securely, mount the two lower cleats over the top of the coroplast but do not tighten the fasteners completely. Then Mount the two upper cleats in the same fashion and you are ready to set the wire panel in place.
8. Holding the wire in mounting orientation (2' wide x 3' tall) with the horizontal wires of the structural panel nearest you and the vertical wires rearward, set the panel in place with the bottom wire roughly even with the side edge of the basin.

Installing the Trays, Irrigation and Vardensoks

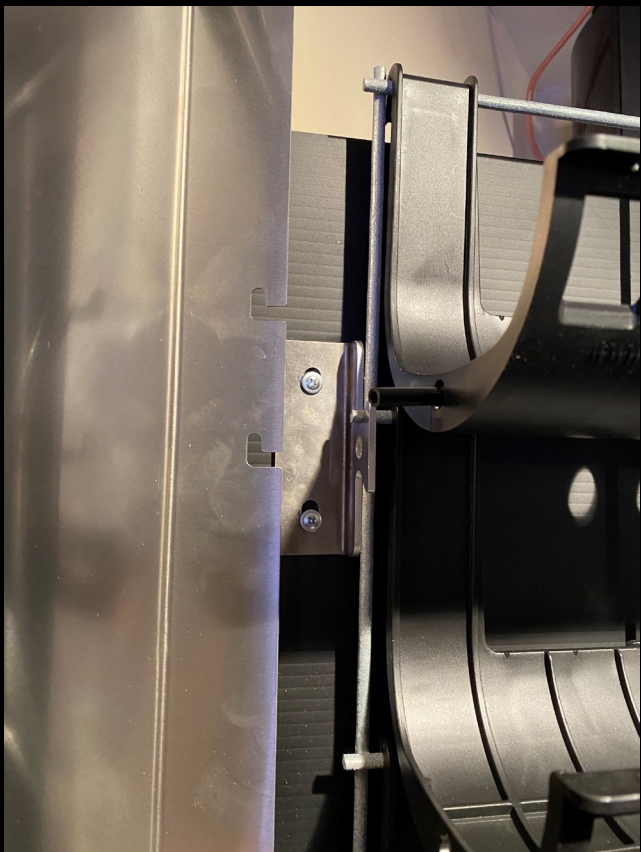
1. This part of the Indoor Kit installation goes along exactly as the Outdoor Kit installation (see video install guide on our [YouTube site](#) and on [Vertical Garden Supply](#) with exception of a pump rather than a hose for water supply.
2. Once you have snapped all the trays onto the wire panel, you're ready to start with the irrigation.
3. Install the six precut drip irrigation lines in each row of trays prior to connecting them to the supply line .
4. the supply line has been precut to the correct length, so you just push the supply line bottom end onto the fitting in the top of the small pump.
5. Now you are ready to set the pump into the bottom of the basin and line up the supply line with the pre-installed drip line fittings, even with each row of trays and go ahead and press on the drip lines to make the connection.
6. At this point you may want to use two or three of the included zip ties to snug the supply line into position next to the trays.
7. Everything should fit snugly, and all connections should line up well.
8. Now add 2-3 gallons of water to the basin so that the pump is covered above the supply line connection.
9. We recommend that you turn on the pump and make sure that the holes in the drip lines efficiently place water into each tray so that the bottom curvature of the trays fill with water evenly, all at approximately the same time. This way you know that once you put your planted Vardensoks in place, there's no question about dry spots or uneven watering.

Installing the Trim, Light and Finishing Touches

1. Now that everything is attached and in place and you've tested out the irrigation , you are ready to drop the Vardensoks into each row of trays. Once those are in, it's time to put the side trim and the top trim on.
2. For the side trim, you will want to set the bottom of each piece just inside the basin and then tilt it up into a vertical position and line up the slots with the fasteners on the cleats on each side.
3. Lightly loosen the fasteners in each cleat so that the slotted flange on each piece of side trim can slide underneath the head of the fastener allowing you to seat the side trim into the proper position.
4. Now you can re-tighten but not overtighten the fasteners going into the cleats and that will hold down The side trim and you should be done with this operation.
5. The top trim peace has bent down tabs that insert into slots in the top of each side trim piece so go ahead and line those up and snap it into place.
6. When you're ready to attach the light, you will want to connect the small adjustable mounting trim for each end of the light to each of the mounting bars. The flat Tang on the bottom of the mountain bar will slide in behind the rear edge of the top trim piece and behind the galvanized wire panel and sit snugly against the inside edge of the top cleats. No tools are necessary for this operation, and it will hold the light up nicely.
7. Attach each end of the light to the adjustable mounting hardware now hanging under the forward edge of the light Mount bars so that your light hangs evenly in front of the cabinet. Tighten all the hardware but leave it just loose enough so that you can tilt the angle of the light to get the right spectrum on your plants.
8. There are holes in each end of the top trim piece as well as in each of the like mounting bars. Your chords will most likely only use one side and that will depend on where your electrical outlet resides on the wall . Thread everything through consistent with the photographs attached here and you are ready to go.

Tips and Tricks to Make it Great

- Use a drill for the pilot holes and then use a ratcheting screwdriver for all the fastener tightening for better control and don't over-tighten. It's a more precise tool to lightly back off the screws for attaching the side trim.
- Run a piece of waterproof tape across the basin/coroplast junction for complete water barrier.
- Install the drip lines into the trays first, then connect the supply line with the pump already attached at the bottom.
- Set your pump in position as shown and run the supply line down onto the fitting.



Contact us for Accessories and re-supply of items like filled Vardensoks in 12" and 24" lengths, live plant plugs, planted Vardensoks, extra Mesh and more.

