

# CLEARDECK ROLLER INSTALLATION GUIDE

**SIMPLE: LEVEL TO COPING HEIGHT, CENTER UNIT LENGTH, SQUARE TO POOL & CEMENT IT IN**

- PAVER STONE DECK REQUIRES PAVER CLIPS (SEE PAGE 6) Call 1-866-607-3325
- CENTER ROLLING TUBE ASSEMBLY IS DONE AT TIME OF BLANKET INSTALLATION
- CAN BE INSTALLED UNDER MOST DIVING BOARDS
- REMOVE 4-BLACK END SHIPPING CAPS TO FIND HARDWARE BAG AND INSTRUCTIONS. DO NOT REMOVE BLACK OUTER HOUSING CLAMPS



**Step 1:** To ensure the correct and square location of the Cleardeck, run parallel string lines on both sides of pool to properly align the Cleardeck unit with the outermost edges of the pool water surface.

**Step 2:** Using a carpenter square, run a string line perpendicular to the first two lines to outline an excavation area for the roller location. Roller housing will extend minimum 6" past the string lines on either side. (See Step 11)



**Step 3:** Excavate an area of 20" wide to a depth of 20" where the Cleardeck will reside. Keep the unit as close to the pool as possible to reduce blanket wear. (Distance from coping can vary depending on the pool)

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**Step 4:** Use a piece of coping installed on the pool wall (or equivalent coping stone height) and a rebar, determine the elevation of the top of the Cleardeck using a large level. Mark the level on the rebar. **The Cleardeck unit must be installed level to the finished height of the coping.**



**Step 5:** Measure **15" down** from the coping height to determine the base location of the housing, install a cross support at the 15" depth from the frame to the pool wall to form a place to rest the roller.



**Step 6:** Pool braces will need to be modified to create space for the roller. Using a level, build supports the length of the Cleardeck. **If the pool has no steel bracing, create a base to place the unit on out of lumber and stakes. (See Step 7)**



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**Step 7:** Where the Cleardeck extends past the pool frames, construct a wood base to support each end of the Cleardeck unit. Ensure that the wood braces are level with the supports attached to the deck frames and pool wall. **On non-steel wall pools create four wood struts to support, level and center the Cleardeck unit until backfill is complete.**



**Step 8:** You may now remove the top portions of the steel braces that were modified. The location has now been properly prepared for the Cleardeck installation.



**Step 9:** Unpackage the unit by removing the 4 black shipping end caps and cardboard top layer. Do not remove protective tape from the lid. Place it in the prepared location.

**PLEASE ENSURE THE ARROWS ON TOP OF UNIT POINT TOWARDS POOL. DO NOT REMOVE LID PROTECTION UNTIL SOLAR BLANKET INSTALLATION. LID IS ALUMINUM AND WILL MARK IF IT COMES IN CONTACT WITH CONCRETE.**



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## Step 10: NO INTERIOR ASSEMBLY IS DONE UNTIL BLANKET

**INSTALLATION.** Fit drive and extension ends together tightly. Insert tee fasteners in holes at the side of the housing placing splice bracket over tees on both sides. Secure with nut provided. Screw flat two hole retaining clips on top edge and bottom of leg flange.

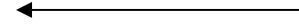
*Retaining clips (bottom and top)*

*Tee Fasteners with Splice Bracket*

**Step 11:** Make certain that the unit halves are secured and overhang equally past the string lines on both sides of pool. Ensure that the unit is still square to the pool, centered on the string lines and remains level.



**Step 12:** Screw the unit through the bottom lip to the supports that you have created. This will ensure no movement of the unit will occur and you can now carefully backfill with loose fill or preferably **clear crushed stone for improved drainage**.



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## GROUNDING LIDS

ground wire hole



If local electrical authority requires grounding of lids, place 12" of grounding wire in holes provided at both ends of unit. **Ground wire can be affixed to the metal grounding lug on the inside of each lid at time of blanket installation.**

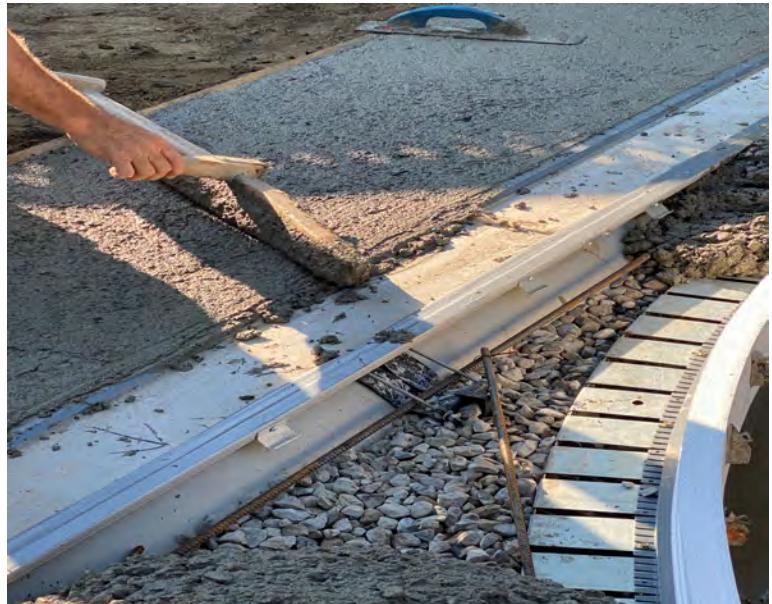
## INSTALLATION IN REGULAR OR STAMPED CONCRETE



Concrete Clips

Install the concrete clips in pairs across from each other all along the top edge of the unit. These clips will help bite into the poured concrete.

Make certain to pack cement under the flange all the way down the unit during the concrete pour. This will preserve and reinforce the straight edge of the unit so that the lid closes even and flush. Ensure the lid is protected. **LID IS ALUMINUM AND WILL MARK IRREPARABLY IF IT COMES IN CONTACT WITH FRESH CONCRETE.** Alternately lids, hinges and screws can be removed, stored and reinstalled at time of blanket installation.



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## INSTALLATION WITH INTERLOCKING PAVERS OR STONE

The Cleardeck unit must be installed in cement using paver clips for interlock or laid stone pool deck. Failure to properly install paver clips will cause collapse of housing in the future.

(Paver clips are supplied free of charge from your Distributor or call us 1-866-607-3325)



Paver clips are installed whenever pool deck is not poured concrete level to the top of the unit. The paver clips are longer and allow concrete to be poured lower down on the profile leaving space for stone to be laid on top. **Install four paver clips directly where the two halves meet and then install in pairs along the entire length of the unit in between the black outer housing brackets.**

Paver Clips



The bottom of the paver clip must be **embedded in stable concrete on both sides** to maintain straightness and uniformity of lid opening. Paver stones can now be laid over the concrete base and abut the edge of the Cleardeck. **The back corner of the stones must be trimmed wherever they encounter a paver clip or black outer housing bracket.**

Unit Size	# of Paver Clips
12'	8
14'	10
16'	12
18'	14
20'+	16

