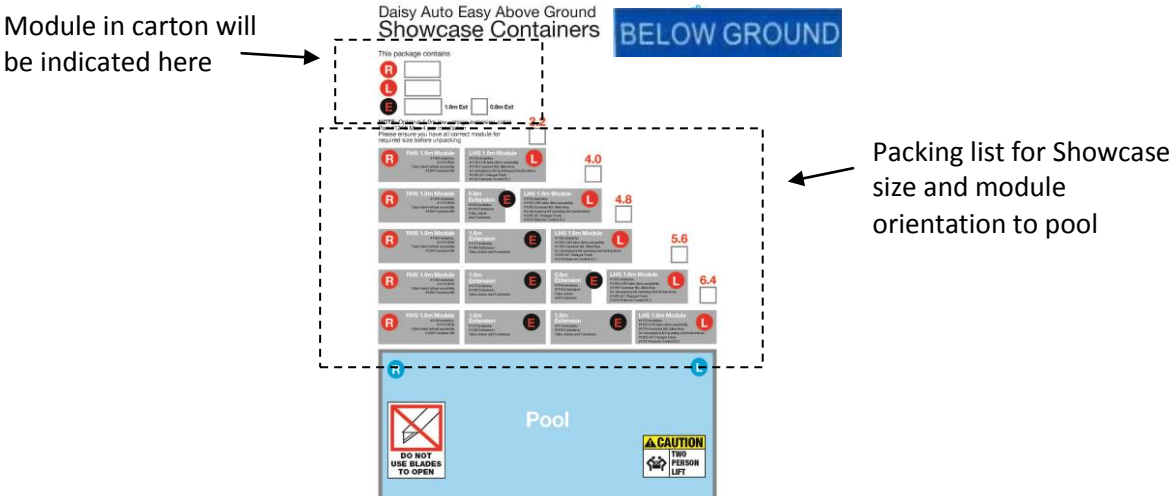
Daisy Showcase Container Installation Manual - ***Venice***

Installing a Venice Showcase container is a two person job for assembly "in the trench". If assembly outside the trench is necessary, depending on the length, four to eight persons may be required to lower the assembled Showcase into the ground.

An installation video is available at www.daisypoolcovers.com.au

1. Before unpacking, ensure you have all modules for desired Showcase Container size – check packing labels for size (note: lifting and installation requires two people)



2. **Choose your method:** Installation methods can be varied according to the site and the size of the Showcase.

   Choose the method which is easier and or more economical for your site. The options are:
   - Module assembly in or out of the hole ("in the hole" is recommended)

   Note: Ground pressure, especially when mechanically compacting the fill around the Venice, may cause the front or back walls to bow in, preventing the lid from closing. If the site has been bulk excavated e.g. for a new pool installation, be extra careful when backfilling and compacting, you may decide to backfill with a sand cement mix as described in step 16 below. It is not advised to use a mechanical compactor immediately around the Venice

3. **Excavation.** Excavate a pit at the desired end of the pool, and up to 1m away from the water edge. The size of the pit depends on the method for assembly and ground pressure relief. For the recommended method (concrete / cement reinforced backfill). the pit should be:
   - 520 to 526mm deep, from the finished paving level plus the thickness of supporting bricks or paver

- The length of the assembled Venice (see chart above) plus at least 500mm.
- Depending on install method at least 700mm wide

4. **Module Assembly.** Assembly in the hole is the preferred method. Module assembly outside the hole is only recommended for the small sizes e.g. for a lap pool, or where it is not feasible to make the hole long enough to slide the modules together in the hole, because a fully assembled Showcase is very heavy.

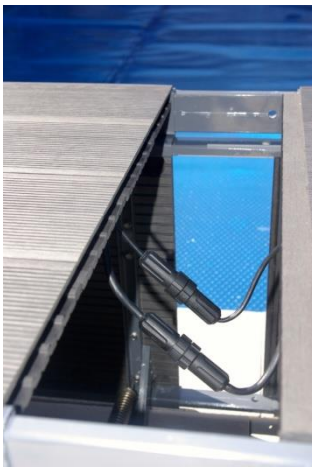
   If it is possible to make the hole longer than the assembled Venice by 500mm (or more), then assemble in the hole.

   Position pavers or bricks in the pit at 1.6m centres (800mm for short extensions) to coincide with the module lengths, and spread aggregate between them to assist drainage.

5. Adjust the level of the pavers so the top of the pavers is 510mm below the finish level of adjacent paving and place the Modules into the pit on top of the pavers.

6. Starting from one side, line up the Module frame joints with the next module (refer to packing label from step 1 for sequence). Check that the top of the Module decking is level with the finished level of the paving. Unclip electrical joiners and leave hanging

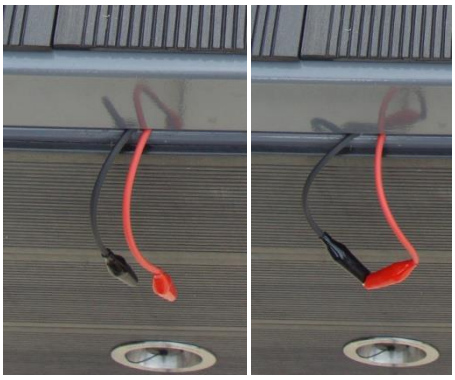
7. Slide together leaving enough gap to join electric cables



8. Join cables then slide fully together so bolt holes line up (you may need to slightly ‘jiggle’ up and down or side to side to walk the connectors together, not too much or they will jam

9. Continue joining all modules using this method

10. Connect red and black *Temporary Power Up* wires hanging loose out of right hand side module by clipping the alligator clips together. This is a temporary connection to override the battery isolation



11. Open lid fully with up control button

UP button

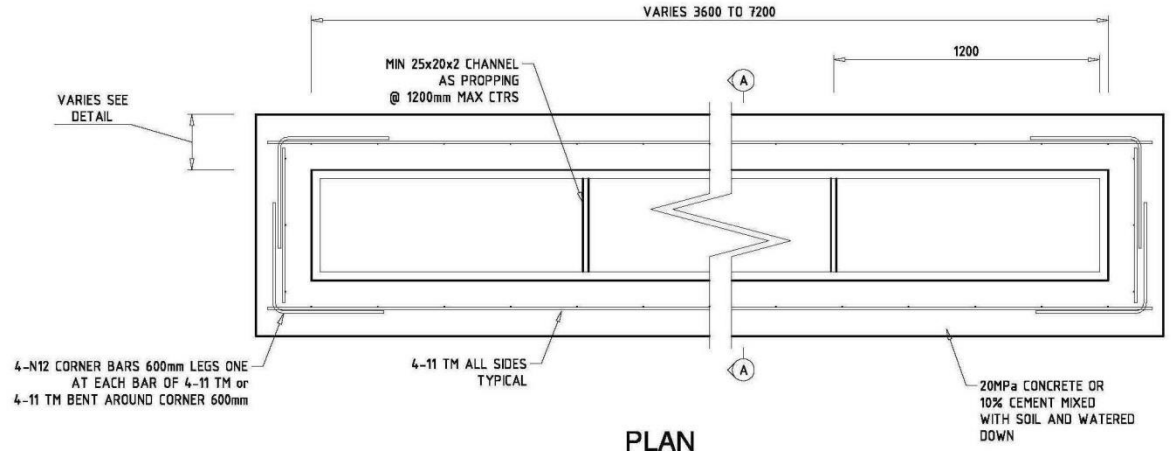
12. Insert and tighten all bolts per module joint
13. Clip electrical cables into holders

14. On any extension modules, lift the counterbalance spring (or springs) up, line up and insert pin. Secure with retaining clip

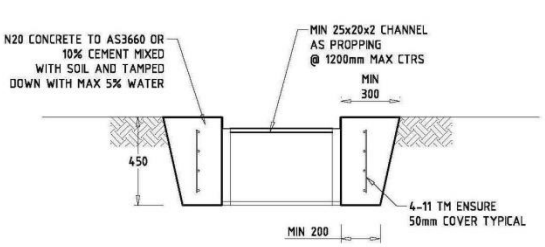
15. Check that the top of the Module decking is level with the finished level of the paving

16. This step is not required for normal installations

    Hole reinforcing options: the cement reinforcement option is only if there has been major excavation around the site. This is not required for normal installations. Mix 10% cement with backfill, insert trench mesh and corner bars and backfill. Alternately, use N20 concrete to AS 3650. Note that this solution has been engineered for worst case conditions for example when mechanical compaction is used adjacent to the trench.

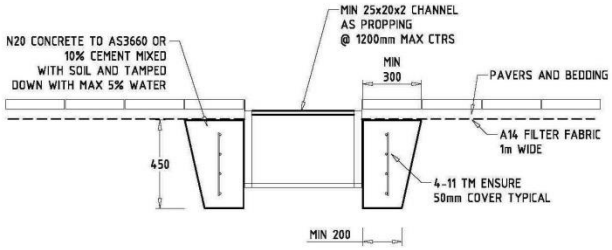


PLAN



SECTION A-A

(NO PAVER OPTION)

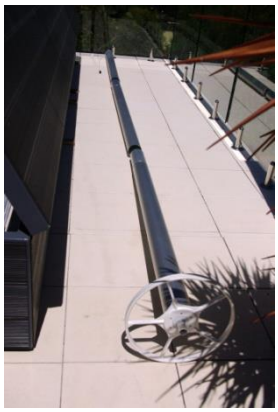


SECTION A-A

(PAVER OPTION)

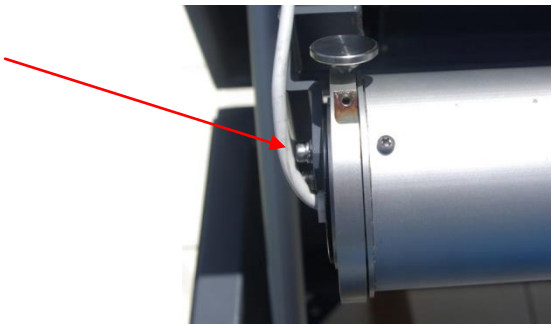
Showcase Length	Approximate no of bags of cement required	Approximate length of 4-11 Trench mesh
3.2m	15	7.4m
4.0m	18	9m
4.8m	21	10.6m
5.6m	24	12.2m
6.4m	27	13.8m
7.2m	27	15.4m

17. **Roller Tube Assembly**: LHS – mount hand wheel to end of roller using 6 x screws

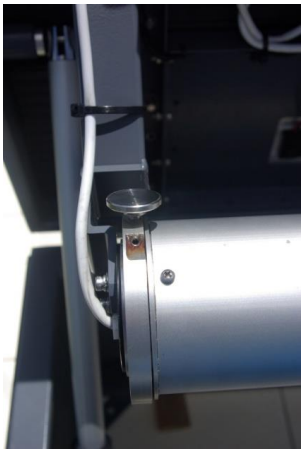


18. Insert joiner section into tube and fasten with 6 x screws
19. Build tube with each module using same method, once fully assembled, place white bearing on hand wheel end shaft, insert hand wheel end of roller into frame on LHS of Showcase container

20. Secure RHS drive motor end to roller frame with 2 bolts supplied

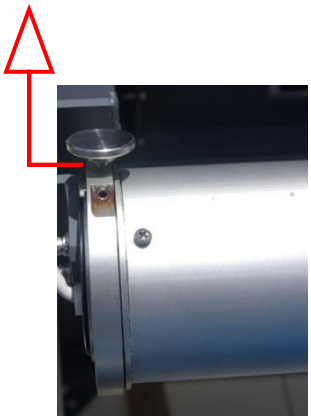


21. Remove *Temporary Power Up* cable from underside of control housing.
22. Plug in drive motor electrical wire to underside of control housing
23. Cable tie drive motor electrical wire along mounting frame and under control box. Ensure no wire is hanging loose. IMPORTANT: drive motor disengage pin passes through frame. Actuator passes very close to outside of frame. Ensure cable is secured as image



24. Disengage drive motor (to free wheel) – pull up (slight tube rotation may be needed to take weight off pin)

Lift to disengage

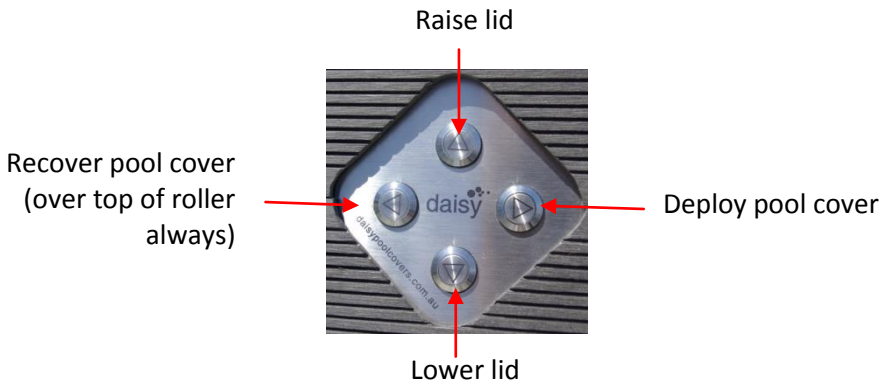


25. Connect cover to roller tube: if feather plugs are not in roller tube, mark the centre of roller tube and drill a 6mm hole. Measure out 600mm from each side of this hole and drill on the same centre line. Continue this procedure until you have reached the side of the pool cover. Make the last hole in approximately 50mm from the edge of the pool cover

26. Tap your feather plugs into these holes
27. Install eyelets into pool cover inline to feather plugs on roller tube. Place male half of the eyelet under the punched hole and female half on top. Tap together
28. Secure cord to cover and roller. Tie a loop at one end and attach to feather plug on roller
29. Thread other end through cover eyelet and tie off to cord adjuster or bowline knot
30. Repeat for all cord attachments
31. Adjust the cords so that the cover comes onto the roller tube evenly. Start from the centre and work out to the ends. Trick: use the bubble lines where the cover comes off the water to ensure the cover has even tension and is recovered easy

32. Ensure the cover is recovered correctly, roll and unroll cover a number of times to make sure your Showcase is in the correct position. On the right and left modules only, drill through 4 x anchoring points with supplied masonry drill bit, insert and secure 4 x masonry anchors

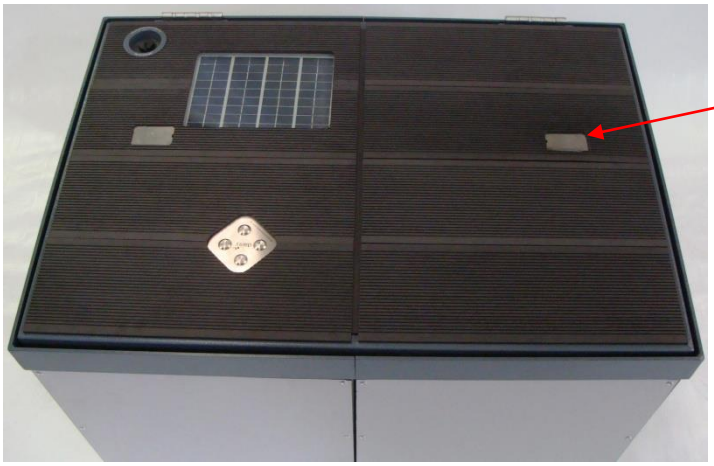
Operation:
Remote control and control buttons on the Showcase have the same control orientation
The tube drive motor will only operate when the lid id over 80% open, so make sure you always have the lid fully open to operate the tube motor
For safety, the buttons will only operate the Showcase when depressed



Note:
The actuators will synchronise at full extension or full retraction. If the actuators get out of sync, keep powering to the end of stroke with short presses of the button. At the end of stroke they will automatically be synchronised.

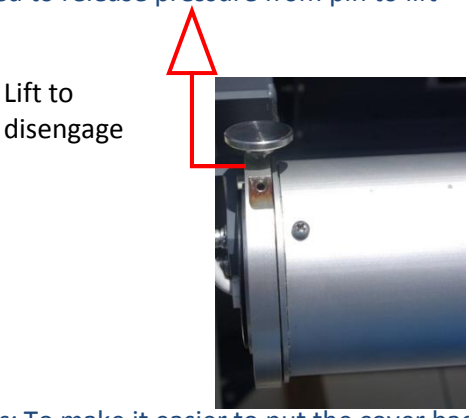
If the actuators get majorly out of sync and is twisting the lid, there is an inbuilt maintenance levelling feature where either roller tube drive direction button when pressed will act like a brake on that side actuator. Do not use this feature unless the actuators are majorly out and the lid is twisted

If you lose power and need to open the lid, remove the two stainless steel cover plates and the top actuator pins with the Allen key provided. You will be able to manually lift the lid with two people. Careful when opening the lid manually it may be heavy, do not over extend opening the lid as you may damage wiring or the unit



For best operation, the cover should be water line or less
Ensure cover has no folds or any obstruction to catch on when rolling up

To free wheel roller tube, disengage drive motor by lifting locking pin. Note slight movement back or forth may be needed to release pressure from pin to lift



Tip for larger covers: To make it easier to put the cover back onto the pool, disengage the drive motor then push the deploy button on the remote as you are pulling the cover back onto the pool from one side.

The battery will be charged with the solar panel, if you need to use the AC charger plug into charging socket on outside of RH module. The power from the transformer to the Showcase is low voltage. If you need extensions you can purchase 5.0 meter low voltage extension cabled (max 4) Part number 1215

Safety:
Ensure no part of anyone's body is around the opening or closing lid during the operation.
Closing of the lid can cause injury...ensure no part of anyone's body comes between the lid and frame during operation
Do not attempt to open lid when any weight is on top of lid as damage may occur

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