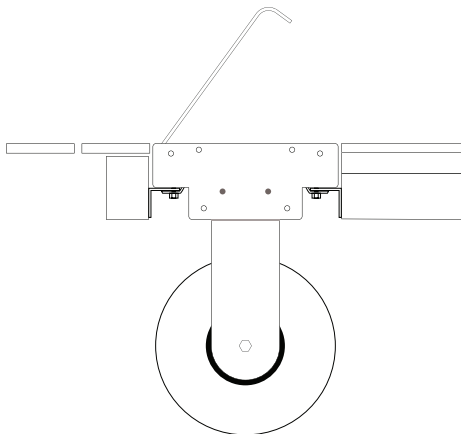
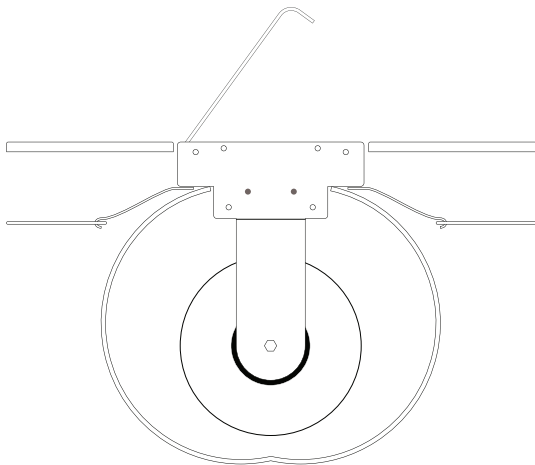




IN-DECK/PIT



IN-GROUND

Downunder Manual Roller

⚠ WARNING

FOR YOUR SAFETY – This product must be installed and serviced by a qualified pool professional in accordance with applicable national, state, and local codes and standards. Before installing this product, read and follow all warning notices and instructions that accompany this product. Failure to follow warning notices and instructions may result in property damage, personal injury, or death. Improper installation and/or operation may void the warranty and may result in hazards which could cause serious injury or property damage. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those lacking experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.



ATTENTION INSTALLER – This manual contains important information about the installation, operation and safe use of this product. This information should be given to the owner/operator of this equipment.

Section 1. Care & Maintenance

Your roller requires care and maintenance to achieve maximum life and to uphold the warranty. The following are recommended maintenance steps:

1. Do not store chemicals close to Downunder Roller, chemical spills on the lid may permanently mark.
2. Keep the Cogs clean and free of debris. Never apply lubricant on the gear mechanism.
3. Keep the framed area around the lid free of debris.
4. Regularly clean out the 'pit'. It is important to keep the 'pit' area free of debris that could interfere with the operation of the roller.
5. Rollers and lids can be cleaned down with water and a cloth.
6. Do not modify the roller, lids are designed for pedestrian traffic only.
7. Prevent water from filling the 'pit' as it can damage the cover and water can potentially seep into the roller tube, making it heavy and difficult to operate.
8. Never force the roller if the cover is stuck under the coping. Lift the cover manually over the coping before winding it in to avoid damage to the cover, straps, gear housing, and roller handle.
9. With surfaces like travertine with a smooth texture, you may encounter some challenges using the roller due to suction causing the cover to 'stick' to the smooth surface. In these situations, simply lift the cover over these areas to reduce resistance.
10. If the roller is installed far from the pool, the cover can be harder to use due to increased drag. In these cases, lift the cover over this area to reduce resistance.

Section 2. Operation Guide

Putting the cover on the pool

- Open the lid using the center hole in the lid.
- Pick up the haul cord and pull the cover up to waist height so you have approx. 1 metre up and out of the Downunder, then lay on the concourse then walk to the other end of the pool and start deployment.
- Pull the cover onto the pool.
- Put the haul cord on top of the end of the cover.

Removing the cover from the pool

- Remove handle from inside the lid.
- Insert the handle into the top of the gear drive.
- Lift the trailing end of the cover onto the concourse to allow the cover to move smoothly into the Downunder.
- Wind the handle to begin winding up the cover.
- Once the cover is completely on the roller, remove handle and store safely back inside the lid.
- Close lid.

NOTE: In cases of strong winds and inclement weather please ensure your cover is off the pool and secured on the roller.

Section 3. Tools & Parts

3.1 In-Deck/Pit

3.1.1 Tools Required



LANDSCAPING EQUIPMENT



TAPE MEASURE



SPIRIT LEVEL



13mm SPANNER



DRILL WITH DRIVER



5mm & 6mm HEX ALLEN KEY



SCREWDRIVER



SUITABLE PPE
PPE Should be worn while assembling/installing product

Section 4. Supplied Parts



1 X IN-DECK/PIT FRAME AND LID



1 X ROLLER TUBE AND GEAR DRIVE BRACKET



LAZY END BRACKET



1 X WINDER/HANDLE
Winder/Handle may be stored inside lid.

4.1.1 Mounting Kit

DOWNUNDER UP TO 4m (14 OF EACH)

DOWNUNDER 4.1m TO 6m (20 OF EACH)



10GX50mm



SCREW 12GX1 1/4



MOUNTING BRACKETS FOLDED
For additional support beneath the frame if required



NYLOC NUT M6



SCREW M6X20mm



WALL PLUG



WASHER M6

4.1 In-Ground

4.1.1 Tools Required



LANDSCAPING
EQUIPMENT



13mm SPANNER
Only required if
gear drive side
needs changing



6mm HEX ALLEN
KEY Only required
if gear drive side
needs changing



TAPE MEASURE



SPIRIT LEVEL



SUITABLE PPE
PPE Should be worn
while assembling/
installing product

4.1.2 Supplied Parts



1 X IN-GROUND UNIT

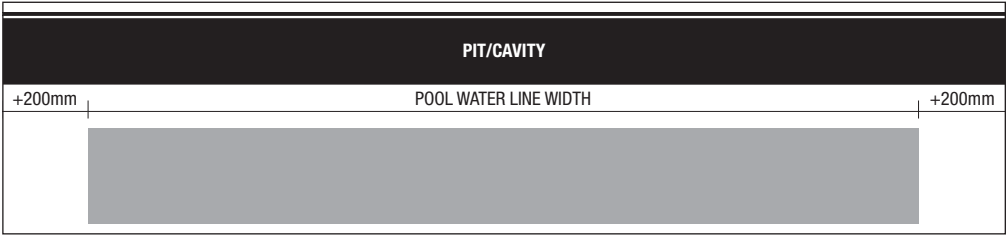


1 X WINDER/
HANDLE
Winder/Handle
may be stored
inside lid.

Equipotential Bonding

In compliance with AS/NZS 3000:2018, if the Downunder is installed within a distance of 1.25m ('arm's reach') from the pool's edge, it is essential to engage a licensed electrician to perform equipotential bonding for the unit. It is also advisable to verify and adhere to any relevant state legislation before initiating any work in this regard.

Section 5. Cavity Dimensions and Cover Sizes



5.1 Location

When the Downunder is delivered it will have a 'pool this side' label to indicate correct placement. Ideally place the unit approximately 1m from the pool, with the lid hinging away from the pool. This proximity minimises drag and potential damage to the cover when it is drawn over the pool's concourse. Align the long side of the Downunder perpendicular (90 degrees) to the path the pool cover will take.

NOTE: Idle Rollers are available if required.

5.2 Determining the Cavity Length

For the minimum overall length of the roller, add 200mm to each end of the pool's width. For example, if the pool is 4.2m wide, the necessary overall length for the Downunder installation would be 4.6m
(4.2m + 200mm + 200mm = 4.6m total width)

IN-GROUND (MAX)	
Cover Thickness	Cover length
4.5mm	11.5m
2mm	19m

IN-DECK PIT 4.5mm (MAX)		
Cover length	Cover width	Cavity internal width
5m	5.5m	335mm
10m	5.5m	405mm
15m (max)	4.0m	465mm

Table 1. Maximum Cover Dimensions

IN-GROUND & IN-DECK/PIT	
Roller	Max waterline width
2.4m	2.0m
2.9m	2.5m
3.4m	3.0m
3.9m	3.5m
4.4m	4.0m
4.9m	4.5m
5.4m	5.0m
5.9m	5.5m

Table 2. Roller Lengths

Section 6. In-Ground Installations

6.1 Digging the Pit

Cavity: The cavity is to be a minimum of 50mm wider than the Downunder casing on each side, at a depth of 600mm. (A)

Downunder size: W500mm x H445mm x L Ordered. (B)

6.2 Ensuring Proper Drainage

- Install a layer of screening at the base of pit, with a minimum depth of 150mm. Use aggregate of at least 12mm size without fines for optimal drainage. (C)
- It is recommended that a drainage pipe is run beneath the unit to efficiently redirect water away. In cases of poor drainage or high water table environments this is essential. (D)

NOTE: It is the Installer's responsibility to identify and provide adequate pit drainage. If installed in a flood prone area always add extra holes in the base of the shell, approximately 20mm.

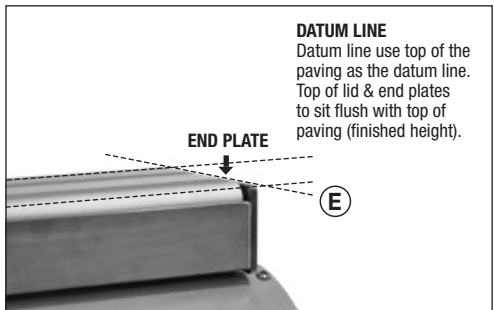
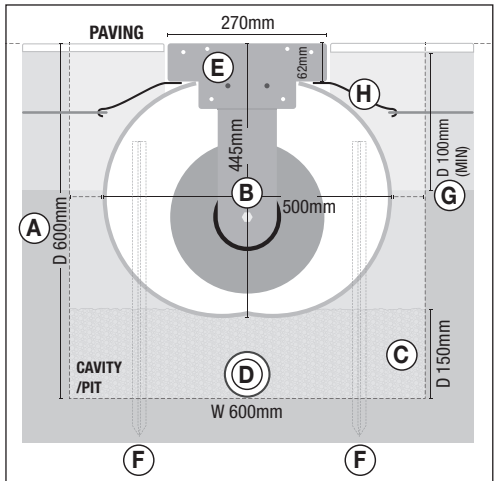
6.3 Installing the Unit and Backfilling

- Remove protective cover from the lid so you can check level of unit.
- Place the unit in the pit, resting it on the screenings.
- Adjust it so the top of the lid/end plate is level with the pool pavers or Finished Floor Level (FFL). (E)
- Replace protective cover to ensure no damage to the lid.
- To enhance stability during backfill, drive four star pickets (two at each end) (F), approximately 400mm long, into the ground until they are below ground level.
- Securely screw these pickets to the casing. This will keep the unit stable throughout the backfill process.
- Do not remove protective coverings before backfilling.
- Backfill around the unit approximately half the height of the unit (G).
- Double check your levels once complete.

NOTE: To change the Downunder drive side from left hand to right hand, please follow steps on page 5.

6.4 Landscaping and Finishes

- Ensure concrete ties are set to be fully encased in concrete, ideally linked to reinforcing bars for stability. (H)
- Cover the backfill with concrete, make sure to maintain the datum point with respect to the Finished Floor Level.
- If installation doesn't require concrete, please backfill unit, ensuring to maintain the datum point with respect to the Finished Floor Level.
- Keep the protective cover on until all landscaping work is finished and cured. Only then, remove the protective cover.
- Take care not to damage the aluminium lid during installation. Concrete burns anodising, and acid washing can corrode the aluminium lid. Protect the lid during all construction and cleaning stages.



Section 7. Changing Drive Side (If Required)

7.1 Removing the Lid

- Use a 6mm Hex Key to remove the lid retaining screw. (A)
- Using a 13mm spanner, undo the bolt that secures the hinge bush to the end frame. (B)
- Repeat on the other end.
- Carefully lift the lid off. Be sure to keep the bush and screws in a safe place for re-installation.

7.2 Removing the Roller

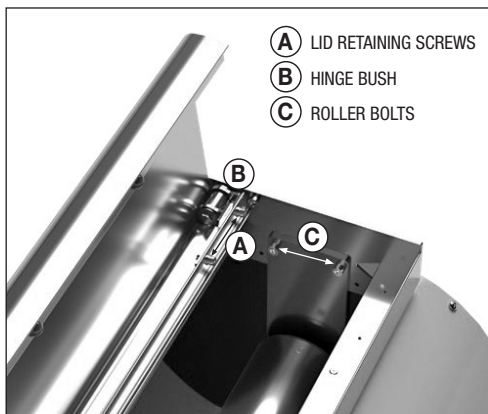
- Start at one end, using a 6mm Allen key to remove the two bolts attaching the roller to the frame.
- Hold the roller as you remove the last bolt, ensuring it remains supported.
- Follow the same steps on the other end to fully detach and lift out the roller.
- Flip the roller around so that the gear drive is now on the preferred side.

7.3 Re-installing the Roller

- Place the roller back inside the frame, ensuring the end plate aligns with the bolt holes.
- While holding it in place, use a 6mm Allen key to insert and tighten the two bolts that connect the roller to the frame. (C)
- Repeat these steps at the other end of the roller and ensure all bolts are securely tightened.

7.4 Re-installing the lid

- Hold the lid in the open position and align it with the frame.
- Attach the bolt that secures the hinge bush to the end frame using a 13mm spanner. (B)
- Use a 6mm Hex Key to secure the lid retaining screw. (A)
- Repeat on the opposite end.



IMPORTANT

- Take care not to damage the aluminium lid during installation. Concrete can burn the anodising, and acid washing can corrode the aluminium. Protect the lid during all construction and cleaning stages.
- It's crucial to remove the lid when changing from left hand drive to right hand drive, as this provides access to the fixing holes in the frame.
- In most cases 2 people will be required to complete this installation.
- A rope or slings will be helpful to put around the roller during installation as the gap is tight.

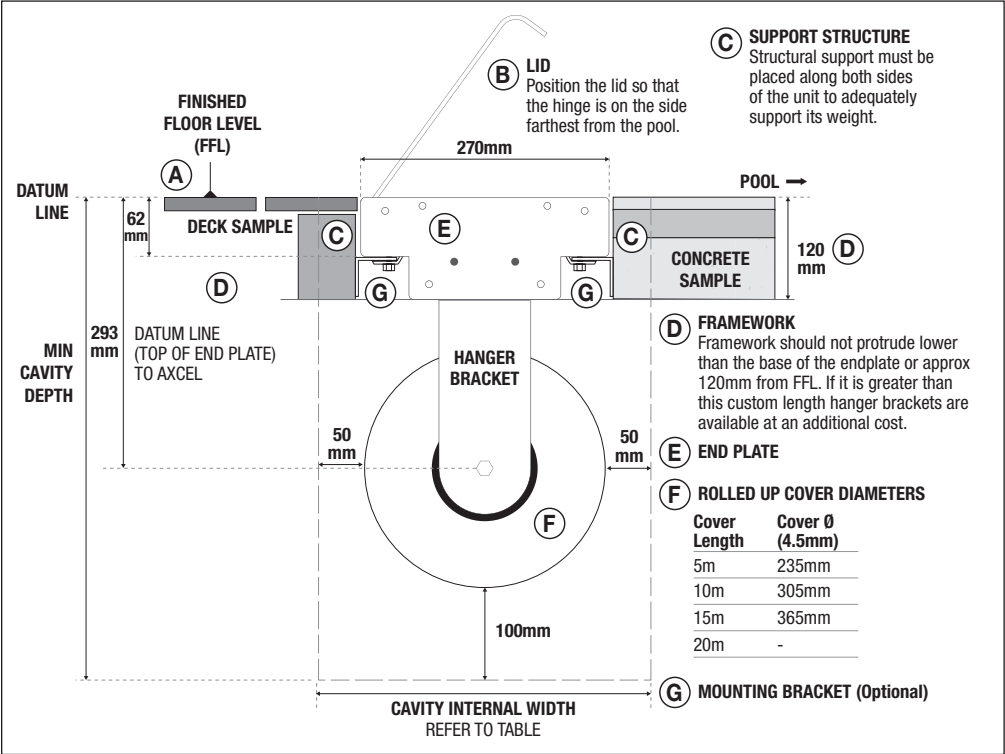
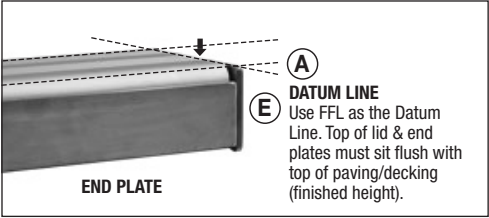
Section 8. In-Deck/Pit Installations

8.1 Creating a Cavity or Pit Below the Deck

The DownUnder In-Deck/Pit model is designed for installation in either a raised timber deck or a concrete pit. To accommodate the cover mechanism, a cavity or pit must be constructed that is 50mm wider on each side and 100mm deeper than the cover unit. Mounting brackets are provided for additional support beneath the frame if required.

Finishes to the surrounding concourse (deck, concrete paving, etc.) should be completed prior to DownUnder installation. This should be used as the reference datum for the Finished Floor Level (FFL).

NOTE: It is the Installer's responsibility to identify and provide adequate pit drainage.



8.2 Preparation

- Unwrap the Downunder and layout all parts.
- Determine what side the gear drive/handle needs to be on and position roller accordingly.

8.3 Removing the Lid

- Use a 6mm Hex Key to remove the lid retaining screw. **(A)**
- Using a 13mm spanner, undo the bolt that secures the hinge bush to the end frame. **(B)**
- Repeat on the other end.
- Carefully lift the lid off. Be sure to keep the bush and screws in a safe place for re-installation.

8.4 Secure the frame

- Position the frame so the end plates and lid sit flush with the finished floor level.

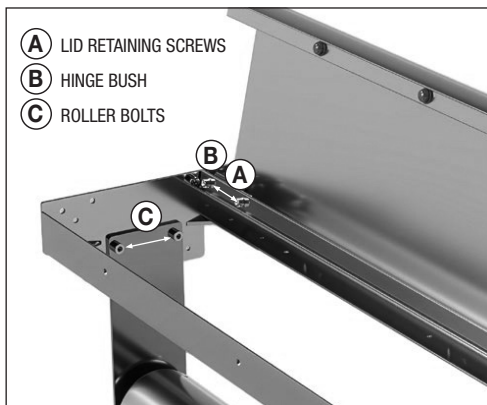
IMPORTANT

Double-check the lid opening direction and positioning before fixing to the structure.

- Utilise the pre-drilled holes provided to secure the unit in place. Fixings should be applied at intervals of every 500mm. For decking, use 10G×50mm screws, and for concrete use 12G×1¼" screws plus wall plugs.
- If using mounting brackets, bolt them to the frame using an M6 screw, washer, and nut. Then secure the mounting bracket to the support structure using the fixings mentioned above.

IMPORTANT

- Take care not to damage the aluminium lid during installation. Concrete can burn the anodising, and acid washing can corrode the aluminium. Protect the lid during all construction and cleaning stages.
- It's crucial to remove the lid to facilitate the Downunder In-Deck/Pit installation process, as this provides access to the fixing holes in the frame.
- In most cases 2 people will be required to complete this installation.
- A rope or slings will be helpful to put around the roller during installation as the gap is tight.



8.5 Installing the Roller

- Remove the 2 bolts from both ends of the frame. C
- Place the roller back inside the frame, ensuring gear drive is on the correct side.
- Position the lazy end bracket to the frame, ensuring it aligns with the bolt holes.
- While holding it in place, use a 6mm Allen key to insert and tighten the two bolts.
- Slide the roller onto the lazy end shaft.

IMPORTANT

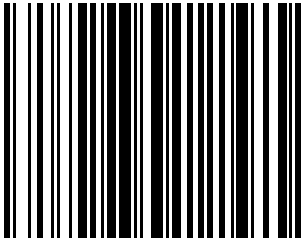
Be aware that the lazy end can easily slide out of the roller.

- Lift the gear drive side of the roller, and attach it to the frame using a 6mm Allen key to insert and tighten the two bolts.

8.6 Re-installing the lid

- Hold the lid in the open position and align it with the frame.
- Attach the bolt that secures the hinge bush to the end frame using a 13mm spanner. **(B)**
- Use a 6mm Hex Key to secure the lid retaining screw. **(A)**
- Repeat on the opposite end.

WARRANTY REGISTRATION	Record your equipment details here for quick reference: Model No. : _____ Serial No. : _____
	AUSTRALIA WARRANTY: For full warranty terms and conditions and to register your warranty, visit www.sunbather.com.au/warranty and complete your details. ◀ Or scan the QR code to go directly to the registration page.
	NEW ZEALAND WARRANTY: For full warranty terms and conditions and to register your warranty, visit www.sunbather.com.au/warranty and complete your details. ◀ Or scan the QR code to go directly to the registration page.



H0931500