

### Technical Specifications



300-400mm beyond water line is allowed for aesthetic balance but this can be reduced, or increased if necessary

Suggested Size	Approx Waterline		Adjustable lid size	
Kit Name	Pool Min	Pool Max	Lid Min	Lid Max
Petite	1.50	1.80	2.30	2.50*
Narrow	1.85	2.30	2.73	3.05*
Small	2.40	2.90	3.10	3.58*
Medium	3.00	3.60	3.70	4.20*
Large	3.70	4.10	4.40	4.80*
LargePlus	4.20	4.20	4.40	4.90
Super (2 lids)	4.30	4.80	4.95	5.50*
SuperPlus (2 lids)	4.80	5.40	5.46	6.10*
SuperMax (2 lids)	5.50	6.00	6.20	7.16*+
Custom (2 lids)	6.10	6.60	6.20	7.16 *
CustomPlus (2lids)	6.10	7.20	6.20	8.40 ^

\* Extended joiners increase Length up to 120mm  
+ 6.4m tube (maximum pit 6.65m)  
^ 7m tube with extension (maximum tube 7.750m)

#### Pro rata Warranty

(back to base in Nowra NSW, we will pay return freight only)  
Gearbox and all non-moving parts 5 years  
Motor 5 years  
Gas Struts 2 years  
Telescopic Roller Tube 5 years  
Repair or replacement as determined by us

### Material Specifications

- Lid Frame – 40mm marine grade aluminium
- Mounting plates – 6mm anodised marine grade aluminium
- Gear Box – fully sealed aluminium
- Handle – 316 polished stainless steel
- Hinges – 304 stainless steel
- Framing Brackets & Hinge Plates – 6mm anodised marine aluminium plate
- Gas strut brackets – 3mm 316 stainless steel
- Roller tube – anodised aluminium

### Lid frame Covering – Not Supplied with kit

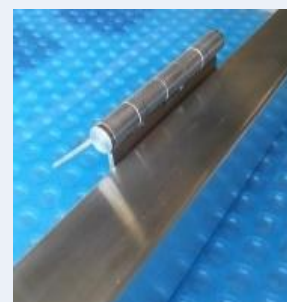
- All timber and composite decking boards up to 35mm
- Tile/Pavers – 8mm up to a maximum of 20mm thick (base board will be specified depending on the specific tile being used)
- Synthetic Turf
- Other products – please call for advice
- **Sqm weight and dimensions of lid material required**



Roller tube mounted to gearbox



7.5mm Hardipanel and 12mm tile on lid frame

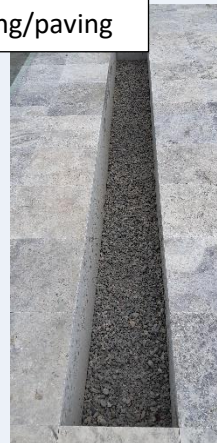
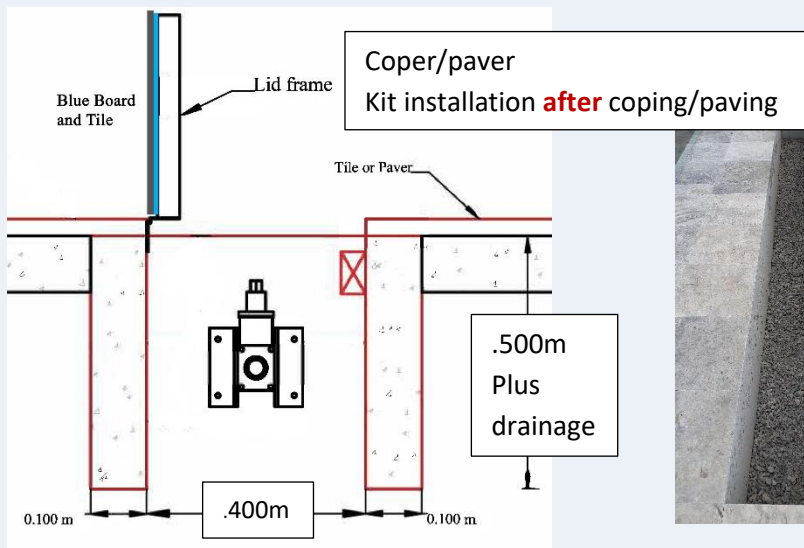


Hinge height set for appropriate lid covering material

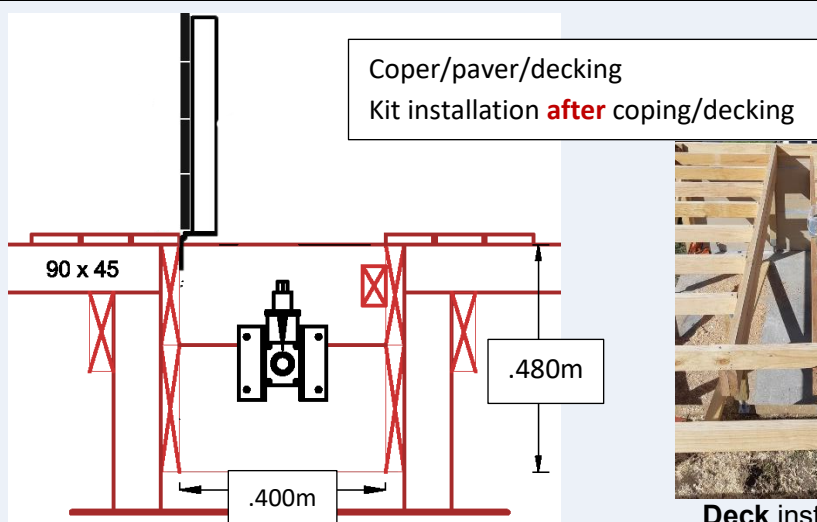
### Lid Frame Covering - Get the look you want to match your pool landscaping

- Tile & Timber dimensions and weight must be provided (LxWxH and sqm weight or weight per tile or length)
- **The Hinges are customised to each kit to match the height of your lid frame finish product.**
- **Gas Struts are customised to each kit to match the weight of your lid frame finish product.**
- The standard lid frame finishes 300-400mm past the waterline on either side of your pool but this can be adjusted to match coping or reduced on the non-winder end if space is an issue.
- **Gearbox or motor can go at either end.**
- **NOTE:** no lid frame covering, tiles or timber are provided with any kit.

### Installation Methods (diagrams not to scale)



**Concrete Pit installation**



**Deck installation**

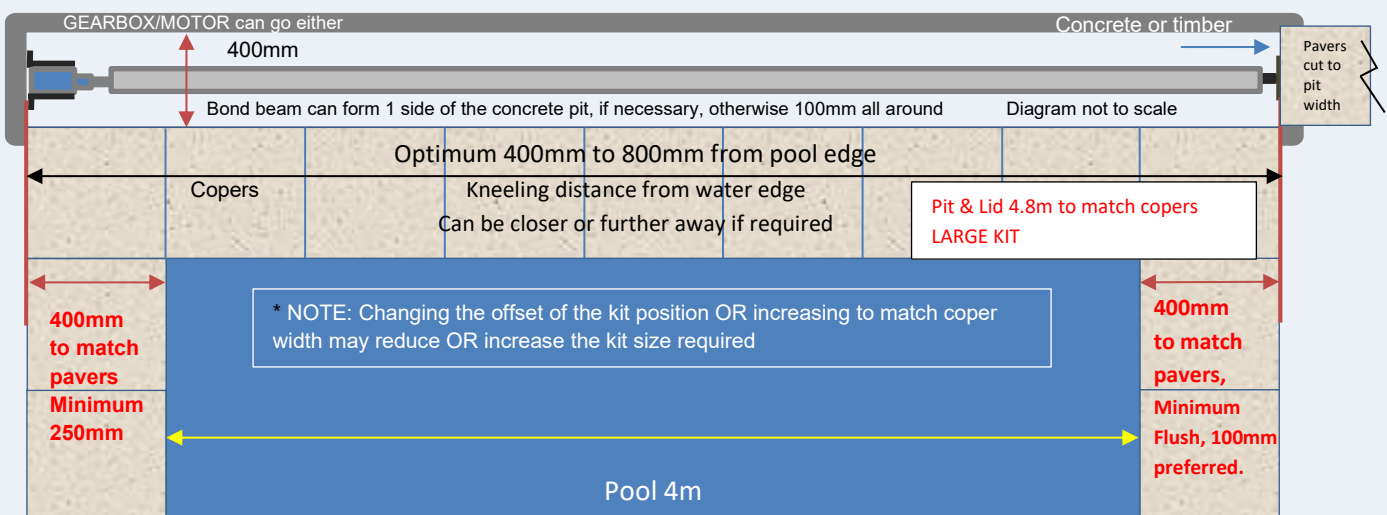
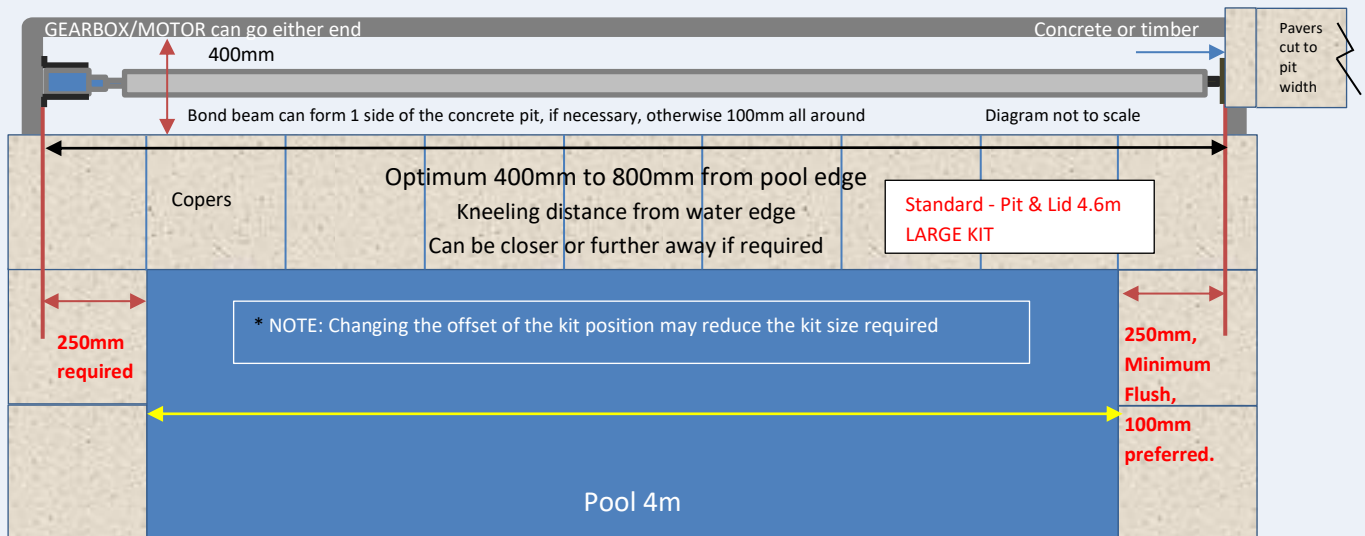


Custom Super (2 lid frames)

**Appropriate drainage must be used in all installation methods.**

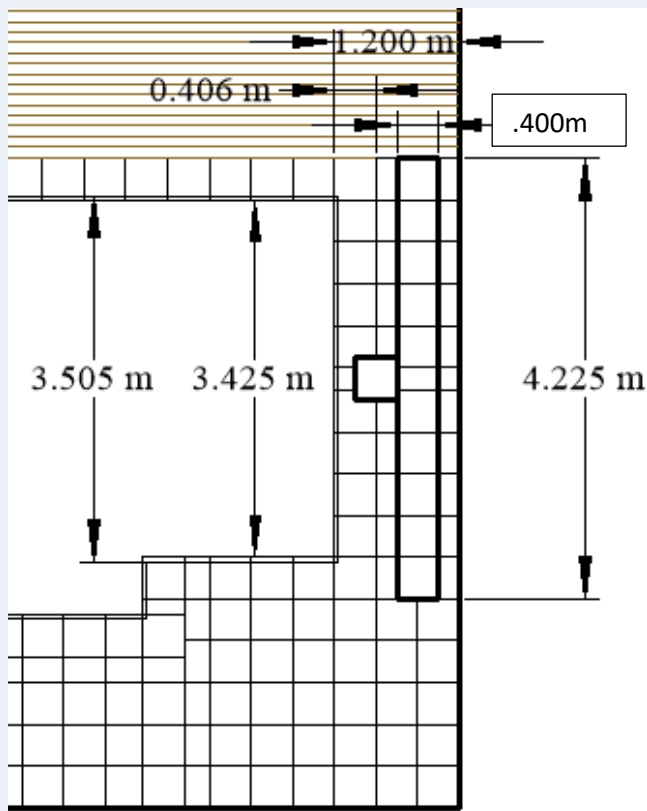


### INSTALLATION VARIATIONS EXAMPLES



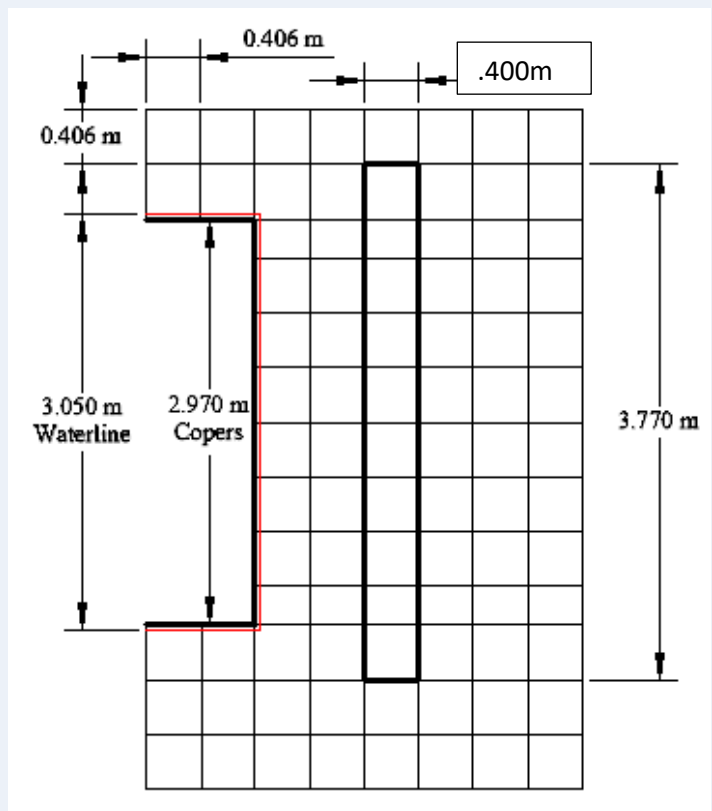
Paving must be level with the coper height. Do not commence any paving fall until after the Aussie Undercover as the lid frame must be installed on a level surface.

### INSTALLATION VARIATION EXAMPLES & PIT SIZE CALCULATION



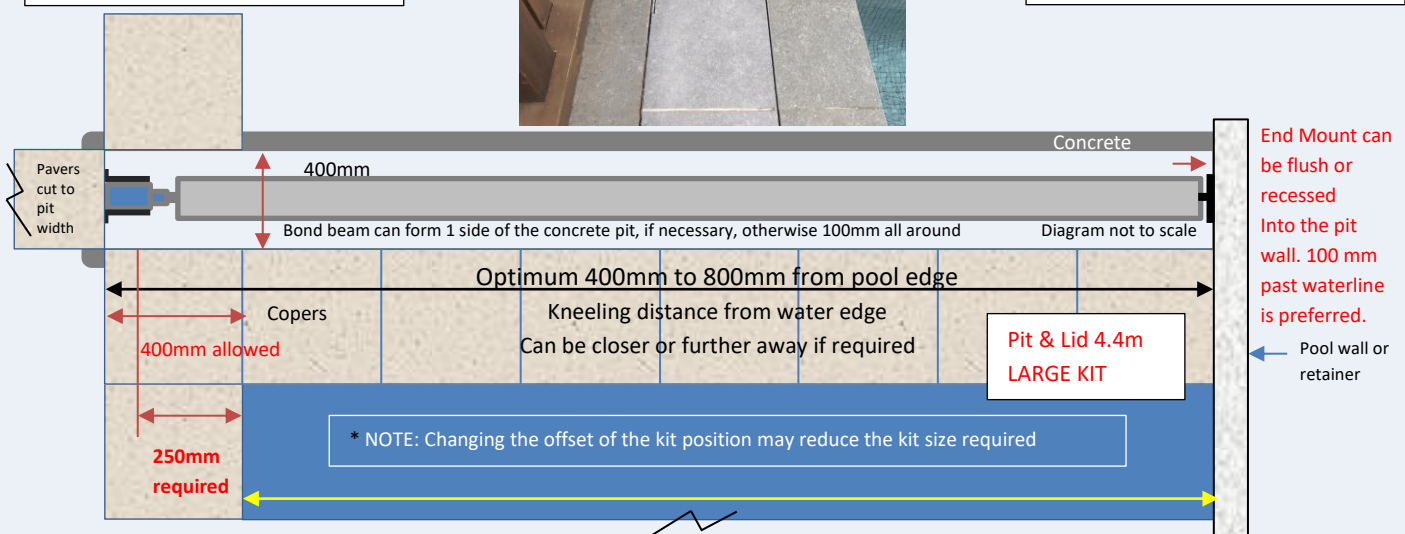
Harvest Contemporary 6 - 3.505m [internal] Paver plan  
.406 x .406 Travertine 30mm paver and 12mm tile

Pool width (3.505m)  
- Coper overhang (0.08m)  
+ coper width (0.80m)  
= 4.225m - MEDIUM KIT



3.050m [internal] Paver Plan  
.406 x .406 Travertine 30mm paver and 12mm tile

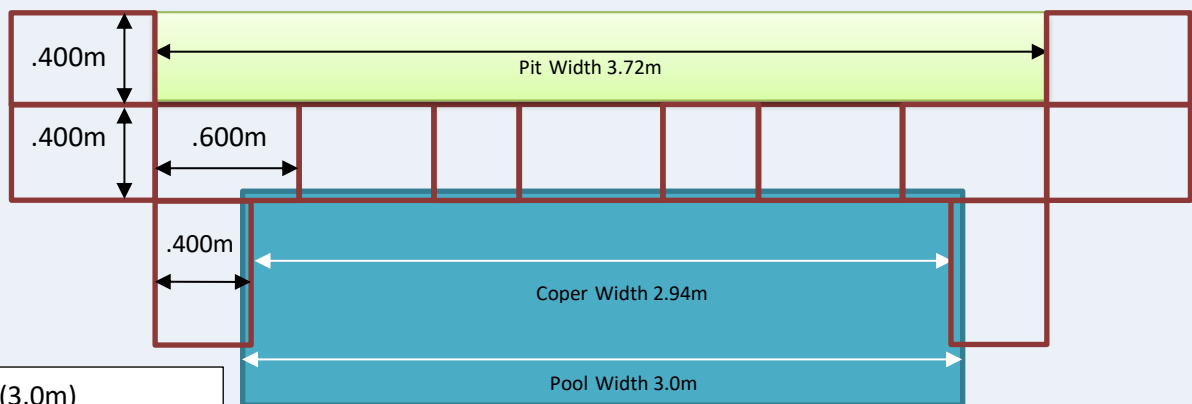
Pool width (3.050m)  
- Coper overhang (0.08m)  
+ coper width (0.80m)  
= 3.77m - MEDIUM KIT



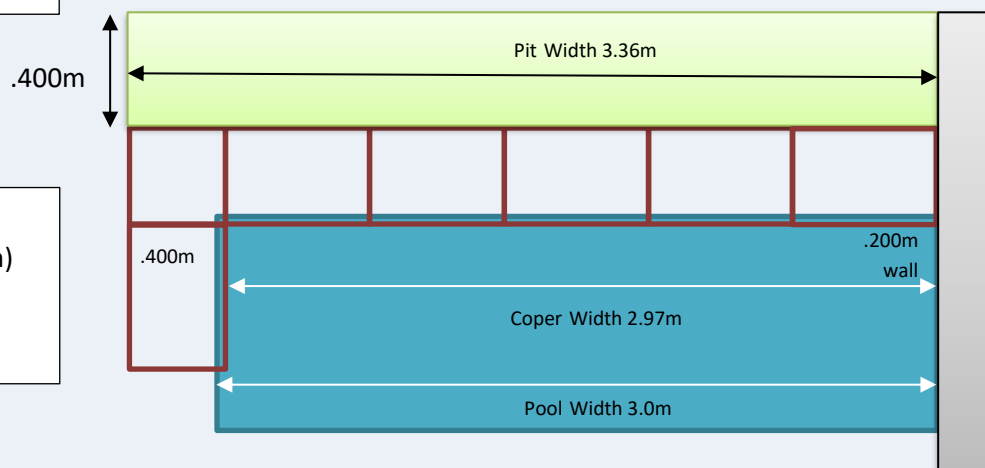
**TILE NOTES:** Tiles should span the lid frame i.e. 380mm minimum width.

If you have unsupported tile joins, you may need to add support to the lid frame e.g. French style paving.

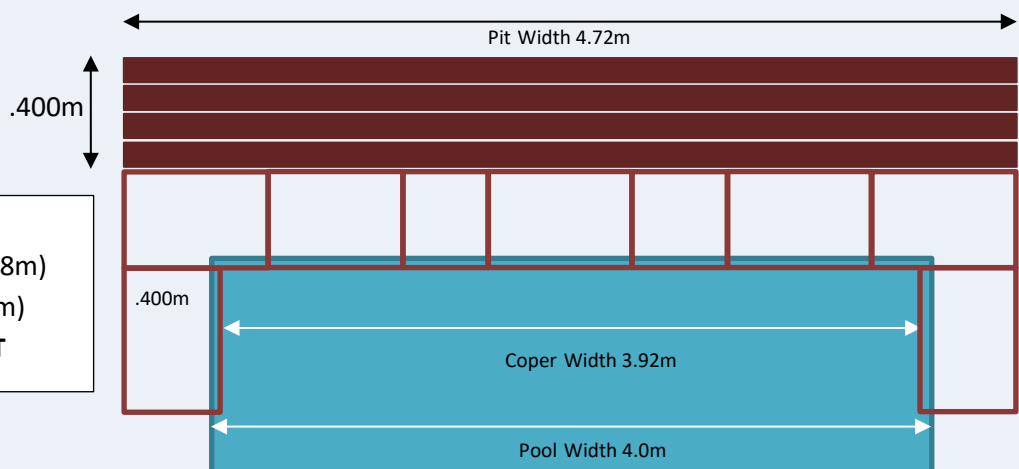
## PAVING LAYOUT VARIATIONS (drawings not to scale)



Pool width (3.0m)  
- Coper overhang (0.08m)  
+ coper width (0.80m)  
= **3.72m - MEDIUM KIT**



Pool width (3.0m)  
- Coper overhang (0.04m)  
+ coper width (0.40m)  
= **3.36m - SMALL KIT**



Pool width (4.0m)  
- Coper overhang (0.08m)  
+ coper width (0.80m)  
= **4.72m - LARGE KIT**

**TILE NOTES:** Tiles should span the lid frame i.e. 400mm minimum width.

**TILE NOTES:** If you have unsupported tile joins, you may need to add additional cross braces to the lid frame which are available from us.

## Aussie UnderCover®

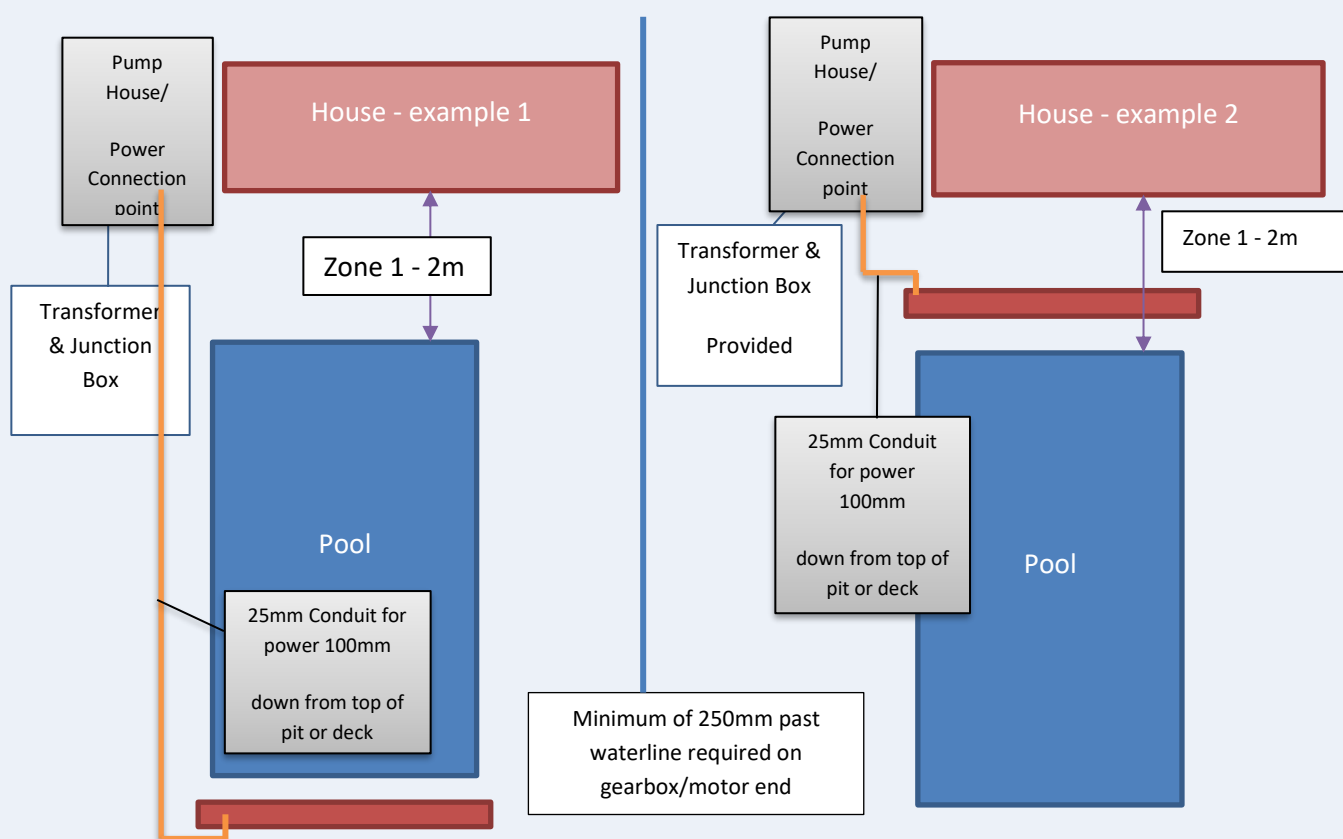
### Power layout (Power 21 motor)

Ideally the transformer is located with your pool equipment. Other than an appropriate power point, an electrician is NOT required for installation.

#### 24v 450W LED Waterproof Power Supply IP67

Input	AC 170-250V 50/60Hz	Output	DC 24V
	AC 1.34-1A		DC 14.6A
			450W
Remote: 1000m 433.92 mhz			
DC Motor 24V High Torque			

25mm to 40mm conduit is required into the pit to the end where the power gearbox will be installed, down 100mm from top of deck or tile/paver level. The power gearbox is a 24V system and can be installed at either end. Wire (5m) and connections are provided in the kit. **Let us know if you need more than 5m.**



# Aussie UNDER COVER

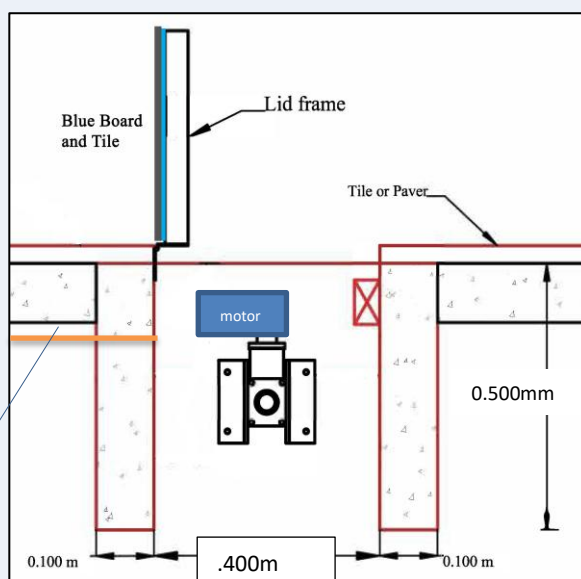
Hidden below ground  
pool cover system  
1300 722 009



Power Gearbox



Upgrade Kit



It is not advised to run 240 volt power into the pit or deck area.

Conduit for wire 100mm down from top of pit.

This information is provided as a guide and no liability is taken by us for your electrical installation. Please contact a licenced electrician for details specific to your location/site and connection.

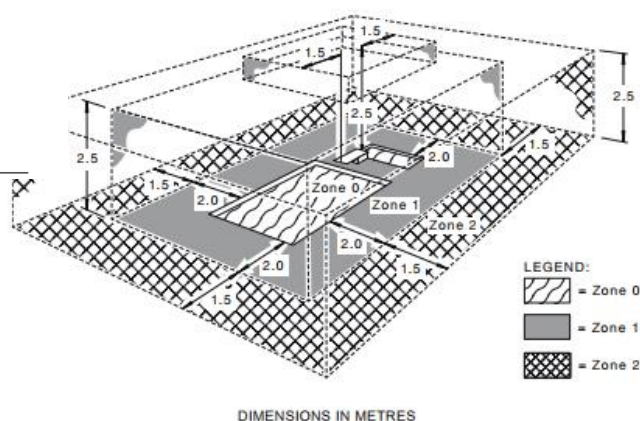
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TABLE 6.2

SELECTION AND INSTALLATION OF ELECTRICAL EQUIPMENT FOR SWIMMING POOLS, PADDLING POOLS AND SPA POOLS OR TUBS

Equipment	Zone 0	Zone 1	Zone 2
Clause 6.3.4.3— Socket-outlets	Not permitted	Not permitted for general use For pool equipment only: (a) IPX5. (b) (i) $\geq 0.45$ m high; and $\geq 1.25$ m from internal rim; or (ii) under and $\geq 0.5$ m from edge of fixed continuous horizontal barrier $\geq 1.25$ m wide. (c) (i) separated supply; (ii) SELV or PELV supply; or (iii) RCD protection.	IPX4 and— (a) separated supply; (b) SELV or PELV supply; or (c) RCD protection.



DIMENSIONS IN METRES

FIGURE 6.15 ZONE DIMENSIONS OF IN-GROUND SWIMMING POOLS



## Power Lid Frame

The power lid frame can be used on all Aussie UnderCover systems that have 24v power available and requires the same space as our standards kits.

### New systems include either:

Petite to large systems: 1 or 2 actuators, cable within the pit with a 4-button remote to operate the roller motor and actuators.

(note: systems with one flush side or limited space will have 1 actuator with strut(s) support).

OR

Super to Custom systems: 1 actuator per lid and support strut(s), cable within the pit with a 4-button remote to operate the roller motor and power lid.

### Upgrade systems include either:

Petite to large systems: 1 or 2 actuators, transformer (if upgrading from a manual kit), cable within the pit, with a 2-button remote to operate the power lid. 5m cable to run to the transformer.

(note: systems with one flush side or limited space will have 1 actuator with strut support).

OR

Super to Custom systems: 1 actuator per lid and support strut(s), transformer (if upgrading from a manual kit), with a 2-button remote to operate the power lid. 5m cable to run to the transformer.



If more than 5m of cable is required, this must be requested and is an additional charge.

**Actuators must be position outside the width of the pool cover as shown in our instructions.**