

Aussie UNDER COVER

Hidden below ground
pool cover system
1300 722 009

Technical Specifications



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

Kit Name	Pool Min	Pool Max	Lid Min	Lid Max
Petite	1.50	1.70	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	3.50	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)	4.90	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**

Pro rata Warranty

(back to base in Nowra NSW, we will pay return freight only)

Gearbox and all non-moving parts 5 years

Motor 2 years

Gas Struts 2 years

Telescopic Roller Tube 5 years

Repair or replacement as determined by us

* Extended joiners can increase length by 120mm or ** 240mm

Material Specifications

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

Lid frame Covering – Not Supplied with kit

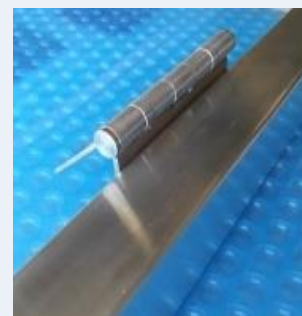
- Standard 19mm hardwood or aluminium decking, 23mm Modwood or another composite decking up to 35mm
- Tile – 7.5 or 8.5mm Hardipanel/Villaboard & 12mm, 15mm or 20mm tile
- Tile – 12/15mm cement sheet & 8mm or 10mm tile
- **Sqm weight and dimensions of lid material required**



Roller tube mounted to gearbox



7.5mm Blueboard/Villaboard and 12mm tile on lid frame



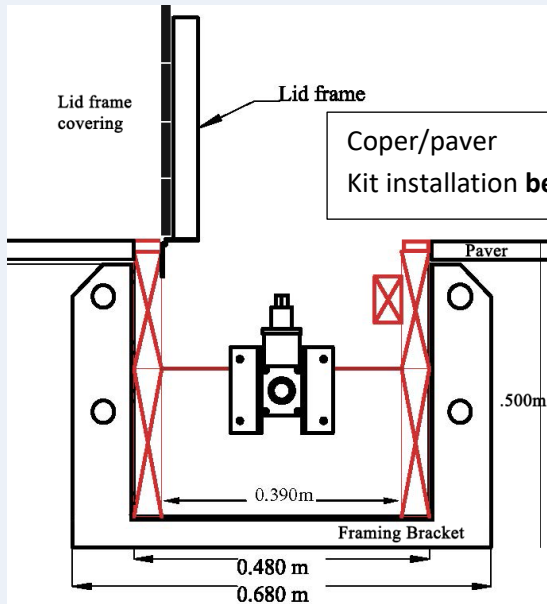
Hinge height set for appropriate lid covering material

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

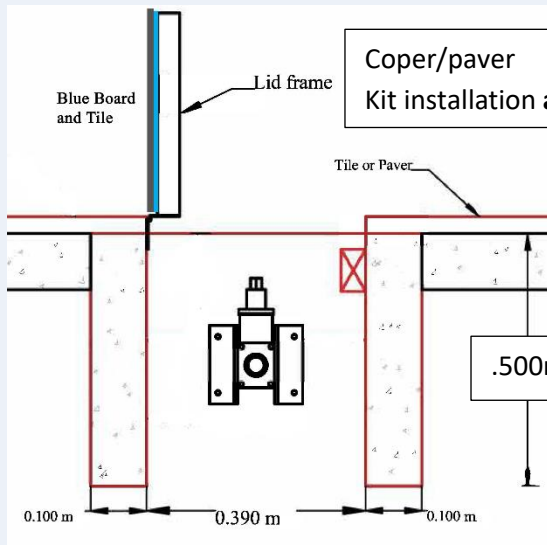
- Tile & Timber dimensions and weight must be provided (LxWxH and sqm weight or weight per tile or length)
- **The Hinges are customised to each kit to match the height of your lid frame finish product.** 19mm Hardwood decking is the most common timber material used as a finish on the lid frame, but you can use Modwood/Ekodeck or another timber/composite.
 - Please supply details if using anything other than 19mm hardwood so the hinges can be set.
- **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 is provided with any kits

Installation Methods (diagrams not to scale)

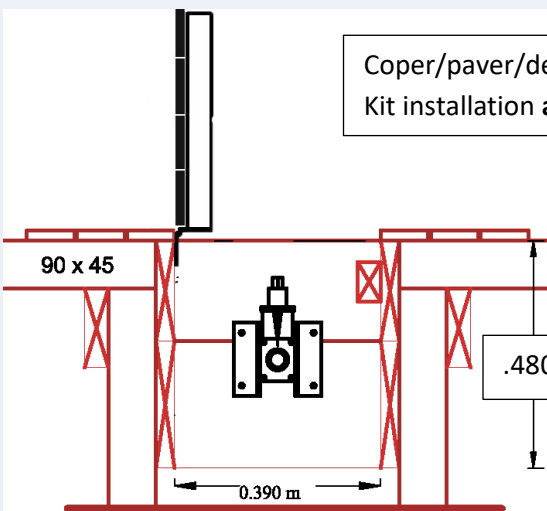
FULL INSTALLATION INSTRUCTIONS AND PLANS ARE PROVIDED WITH EACH TYPE



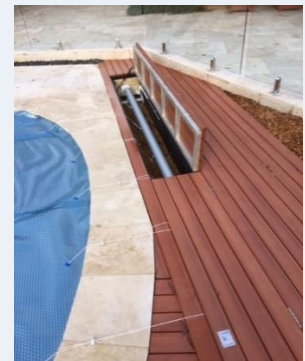
In-ground installation using framing brackets



Concrete Pit installation



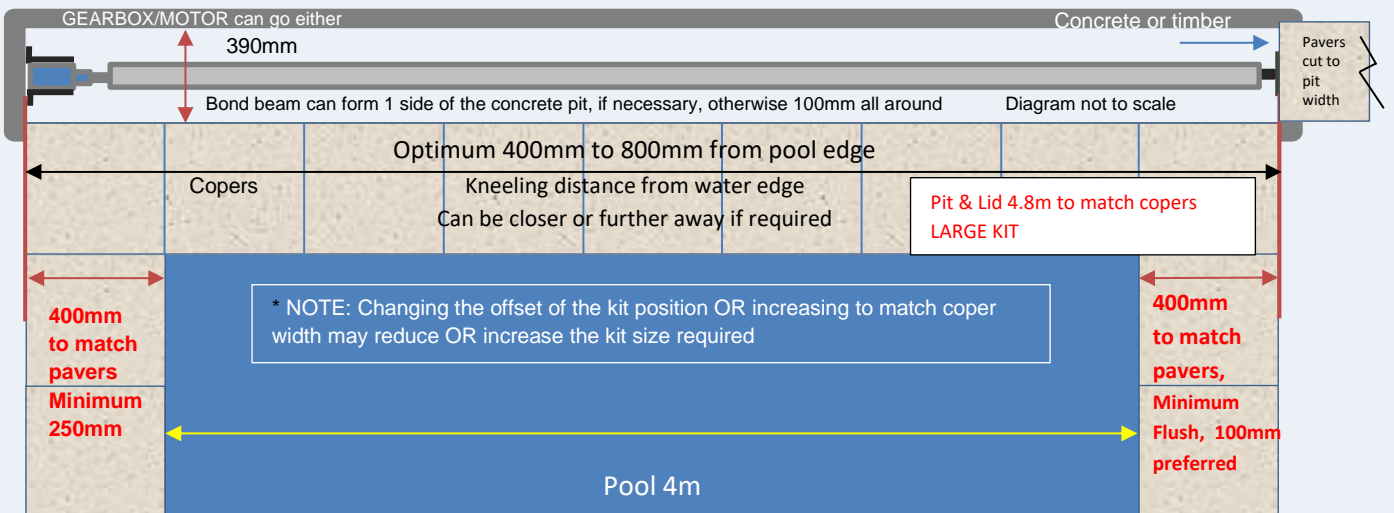
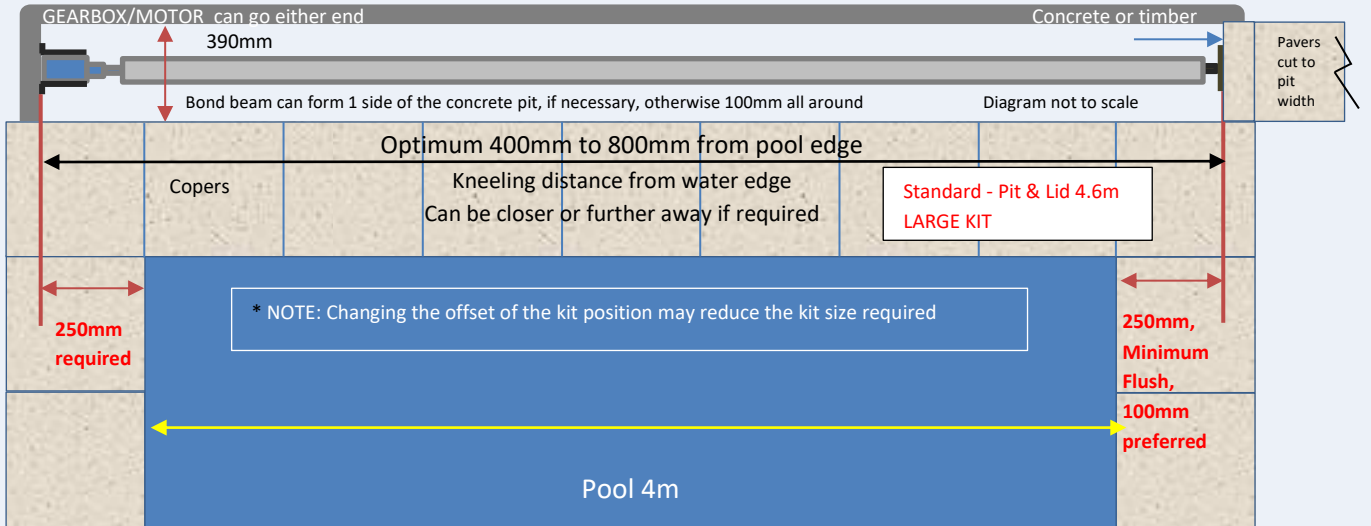
Deck installation



Custom Super (2 lid frames)

Appropriate drainage must be used in all installation methods

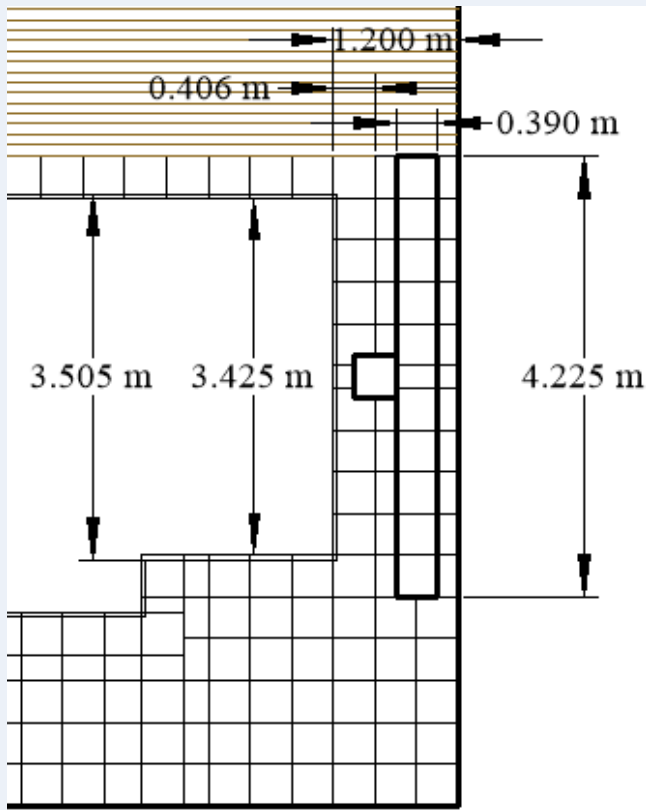
INSTALLATION VARIATIONS EXAMPLES



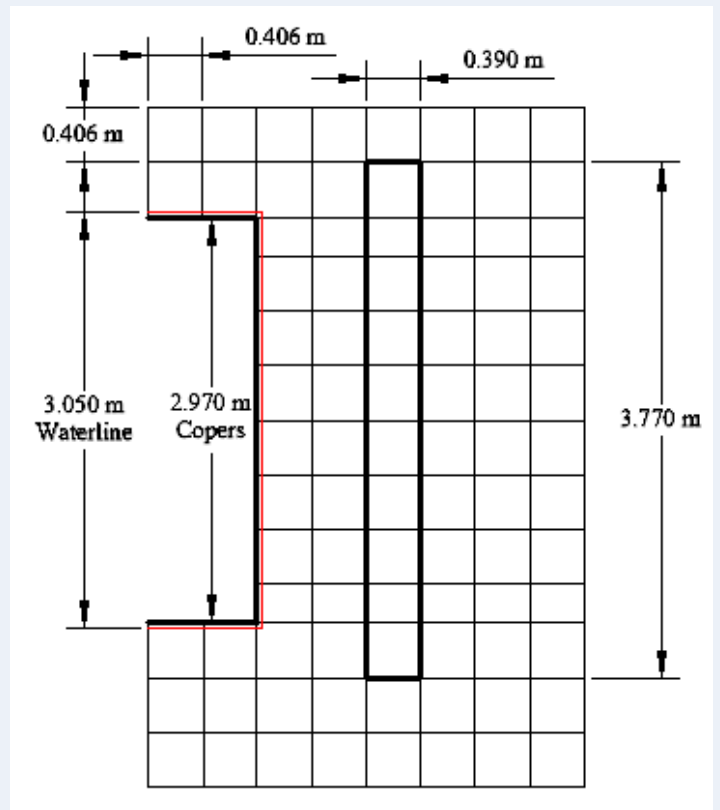
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INSTALLATION VARIATION EXAMPLES & PIT SIZE CALCULATION



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

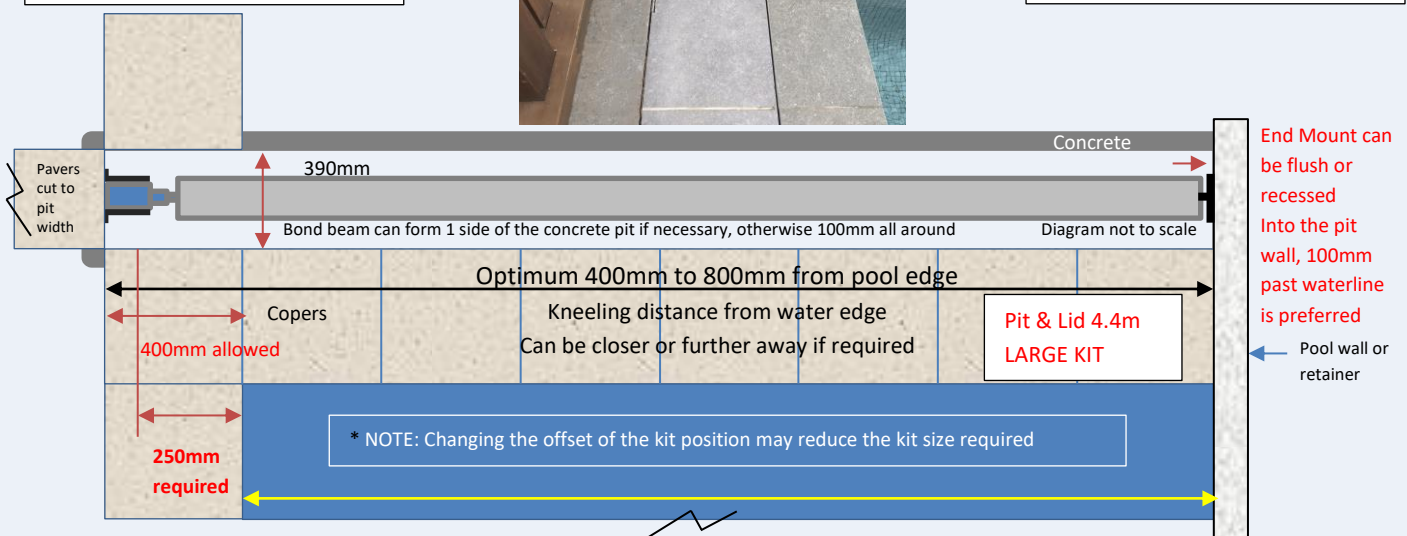


3.050m [internal] Paver Plan
.406 x .406 Travertine 30mm paver and 12mm tile

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

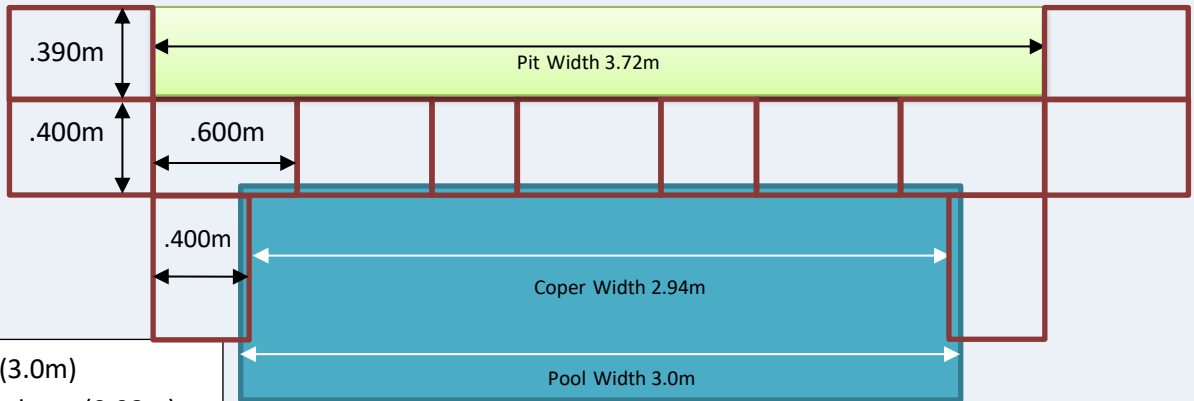


Pool width (3.050m)
- Coper overhang (0.08m)
+ coper width (0.80m)
= 3.77m - MEDIUM KIT

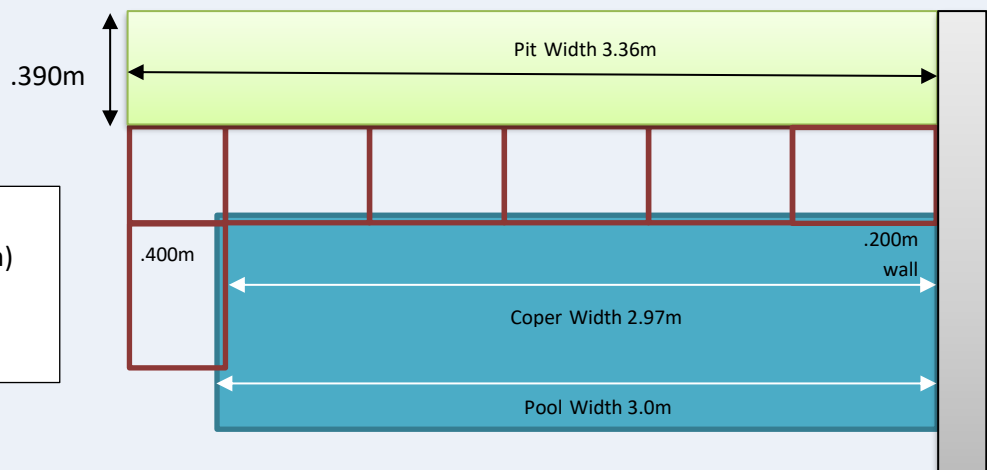


TILE NOTES: If you have unsupported tile joints, you may need to add support to the lid frame.

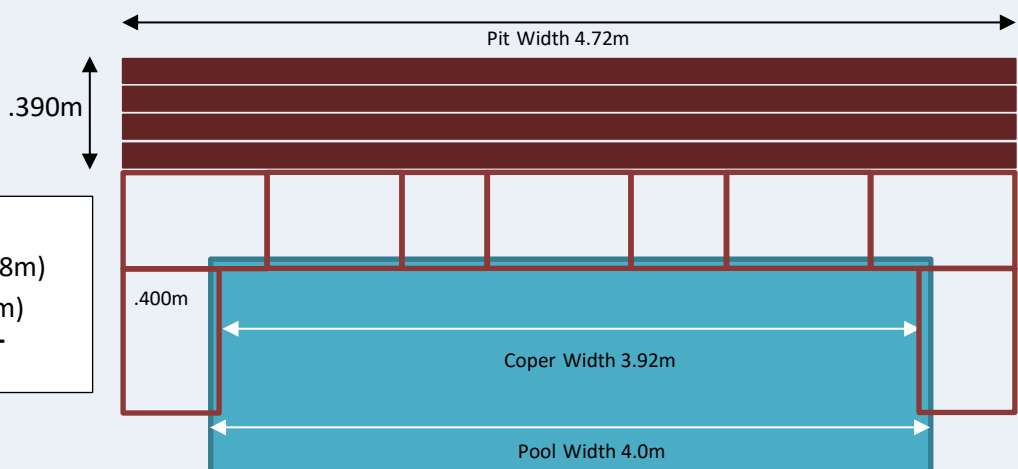
PAVING LAYOUT VARIATIONS (drawings not to scale)



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 (3.0m)
- Coper overhang (0.08m)
+ coper width (0.80m)
= **4.72m - LARGE KIT**

TILE NOTES: If you have unsupported tile joins, you may need to add support to the lid frame.

Aussie UNDERCOVER

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Aussie UnderCover® Power layout (Power 21 motor)

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

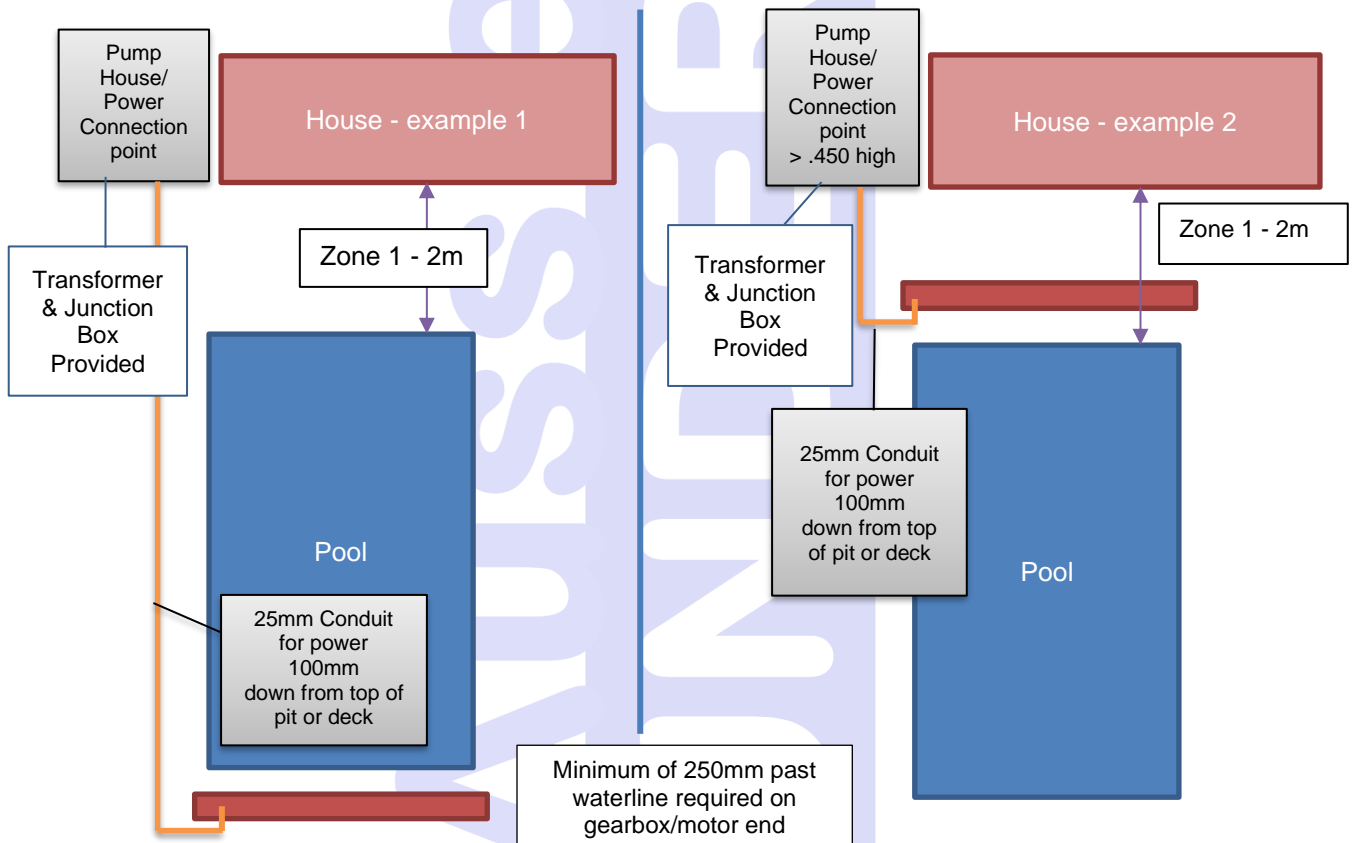
DC Motor 24V High Torque



Upgrade Kit

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

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.**

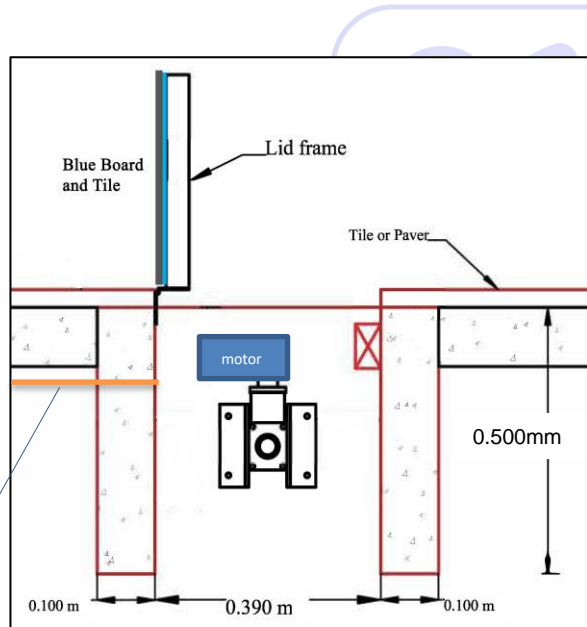


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It is not advised to run 240 volt power into the pit or deck area.

Conduit for wire 100mm down from top of pit.

Wire & connections provided in kit



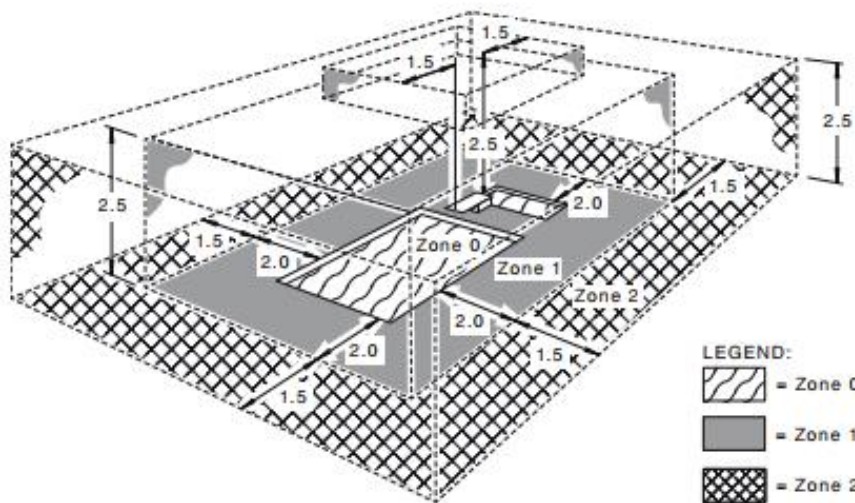
This information is provided as a guide and no liability is taken by us for your electrical installation. Please contact a licenced electrician for details specific to your location/site and connection.

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AS/NZS 3000:2018

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) ≥ 0.45 m high; and ≥ 1.25 m from internal rim; or (ii) under and ≥ 0.5 m from edge of fixed continuous horizontal barrier ≥ 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