



Riptide Manta Series
Installation Instructions for Standard,
Pro and Standard Pro Models - 4.9m,
5.9m and 6.9m

Thank you very much for your purchase of a Riptide exercise pool. In order to complete your delivery as smoothly as possible please could you make the following arrangements:

Electrical Supply

Your exercise pool will draw a total current of:

Standard	48 amps (50 amp breaker required)
Pro	42 amps (50 amp breaker required)
Super Pro	48 amps (50 amp breaker required)

Please ask your electrician to A) fit the correctly rated commando socket to a post or wall near the pool which we will plug directly into or B) fit a rotary isolator near the pool and on the day of installation have your own electrician hard wire directly into the pool control box. In both cases the supply will need a Type C breaker fitted into the consumer unit.

If you intend to bury your supply cable please ensure to use 50mm black high impact duck, buried at least 450mm deep.

If you intend to sink your exercise pool we recommend that you mount the blue female commando socket with an isolator to the wall of the pit in the inspection area and at least 18" above the bottom of the pit base.

To comply with BS7671 legislation as of the 1st January 2005 a competent electrician registered with one of the following must carry out all electrical work: BRE Certification Ltd (ECA & IEE); British Standards Institution; ELECSA Ltd; NICEIC Certification Services Ltd or Zurich Certification Limited. Your electrician should give you a certificate once the work has been completed and this should be available for our technicians to see.

Base

The exercise pool must be sited on a base of 6" thick reinforced concrete. The base should be at least the size of the pool:

Standard	4.9m x 2.28m
Pro	5.9m x 2.28m
Super Pro	6.9m x 2.28m

If you are sinking your pool please refer to the separate Sinking Instructions.

The control panel is on the short side at the same end as the hot tub, as are the electrical components and drain down point. Please ensure the female commando socket is located at the control panel end so that our technician can connect to the control box of the exercise pool.

If, temporarily, you want to site the exercise pool on an existing patio or concrete base please ensure it is completely flat and that it will happily hold the weight of the exercise pool once filled with water. If there is a drop of ½" or more across the area it is advisable to have a concrete skim laid to ensure the base is level. We are unable to jack the exercise pool to make it flat as this would weaken the under-structure and would invalidate your guarantee.

Electrical Compartment

In the event that a technician needs to work on your exercise pool or for you to be able to drain it there must be a clear working space at the compartment end of the exercise pool, this should be at least 770mm x 2290mm. Please note if you are having your exercise pool sunk into a deck then a trap door for access is required for service work to be carried out, please ensure the doors can be fully opened (see diagram).

Cladding

If you are purchasing your exercise pool without cladding so that you can clad the product to match it's environment then please ensure that where the cladding meets the lip of the shell there are no gaps or sharp edges left that could cause injury.

Access/Delivery:

Please speak to your dealer to arrange a site visit so that your delivery can be organised to run as smoothly as possible and cover all aspects of the installation of your pool. Please note if craning is required this will usually be at your cost – your dealer should be able to put you in contact with a suitable crane company in most cases.

We regret we are unable to accept responsibility for any damage caused to underground services during installation by hiab or crane.

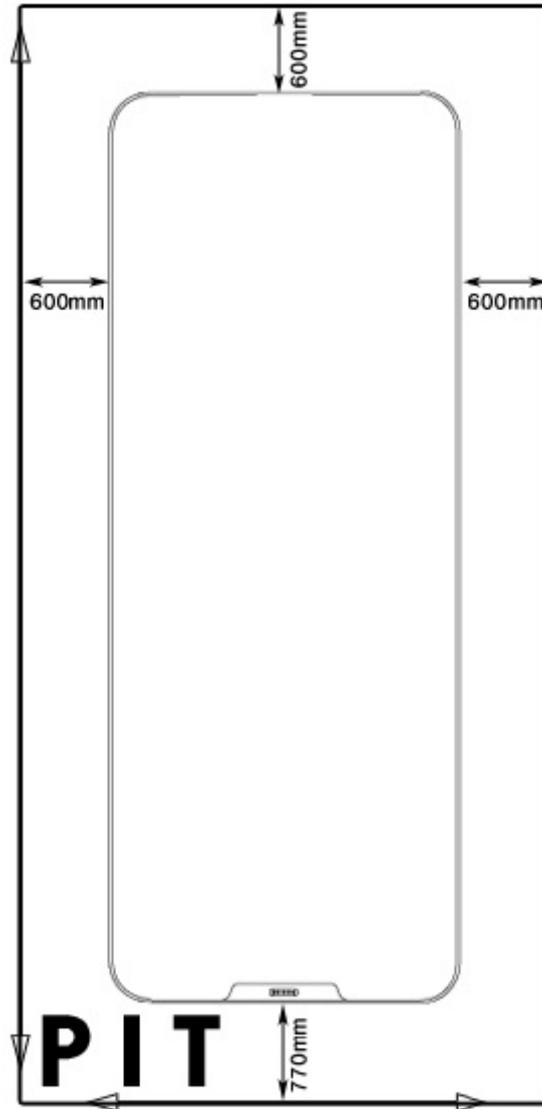
To Arrange Delivery:

If you have not already arranged a delivery date please call the Installation Department of your Riptide dealer.

**Instructions and Advice for Sinking Riptide
Manta Standard Exercise Pool
Into Gardens and Decks**

If you intend to sink or semi sink your exercise pool please read the following carefully.

When digging your hole, you will need to allow a gap for airflow and tolerance of natural bowing from water volume when filled.



Optimal space requirements.

For **optimal** pit size, please allow 600mm gap on all four sides of your pool, with a further 170mm extension (770mm total) at the inspection pit end where the components will need to be accessed. Dig the hole and lay a 15cm reinforced concrete base with a soak away underneath and ensure the pit has retaining walls of sufficient structural strength (back filling is not recommended).

Please make sure the soak away is sufficient to ensure your hole cannot become full of water because your warranty will not cover flooded electrical components (it is better to site the soak away at the inspection pit end of the pool near the electrical compartment), also please ensure leaves and other objects can be removed easily to ensure your soak away cannot become blocked. It may be advisable to install a submersible pump with a float switch as a secondary defence against your pit flooding.

Please Note: Any photographic representations of Riptide Pools products are for display purposes only, please refer to plan diagrams and installation instructions for accurate information. Revised Jun-16.

The electrics are not designed to get wet, we recommend you seek qualified help in designing and building your pit to ensure it cannot flood with water and is structurally sound.

In Decking: If you are sinking your pool and decking around it please remember to provide a trapdoor in the decking to allow access to the electrical compartment. Please ensure the electrical compartment has some ventilation for correct functioning. If decking up to/around pool, we would recommend decking after installation.

With Cover Lifting Device: If you are going to sink your pool and are fitting a cover mate lid lifting device please only semi sink the pool to a height of 40cm above ground or deck level to allow the lifting arms to operate. If using a Cover Mate deck mount lid lifting device you can fully sink your pool as the lifting arms can be attached to the decking.

Access to Doors: Consideration should be given to accessing the service doors, which extend across the middle 2000mm of the control panel end to a height of 1420mm. The doors must be able to open fully for both our technicians to access the controls.

Semi-Sinking Pool: If you wish to only semi sink your pool we still need to gain access to your equipment compartment to allow us to access the components for routine inspection maintenance. You still require a pit and removable deck section for full access if pump replacement is required.

Please refer to the Electrical Supply and Base Instructions with regards to necessary location of electrical sockets.

If you have any questions or queries regarding sinking your exercise pool, please contact your dealer.



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