

## Neptune 4.3 Exercise Pool 2010 Installation Instructions

Thank you very much for your purchase of a Riptide exercise pool. In order to enable us 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 42 amps. The correctly rated supply must be supplied by the way of a dedicated and separately fused (protected) supply from your consumer unit. The supply must terminate in a correctly rated commando socket with an isolator; this is so our technicians can isolate the supply at this point. This can either be mounted on an adjacent wall or to a post near to where the exercise pool power packs are located (see area marked power lead shown on attached sinking instructions for required position). If you intend to bury your cables please ensure you use a 50mm black high impact duct buried at least 450mm deep. If you prefer you could have your electrician hard wire directly into our control box.

If you intend to sink your exercise pool we recommend that you mount the female commando socket with 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 1<sup>st</sup> 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 a minimum of 5420 mm x 3450 mm. if you are sinking your pool (please refer to the separate Sinking Instructions if you are intending to sink your pool) or 4320 mm x 2350 mm if above ground (with access to the components as shown below), the control panel is on the short side at the same end as the spa seats, 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 15mm 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 all round the exercise pool, this should be at least 600mm Please note if you are having your exercise pool sunk into a deck then access is required for service work to be carried out.

### Access/Delivery:

Please call 01245 265036 to arrange a site visit so that we can organise your delivery to run as smoothly as possible and cover all aspects of the installation of your pool. Please note if craning is required this will be at your cost, we are 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 our Installation Department on 01245 265036. Please note that during peak times all installation slots maybe fully booked for up to 3 weeks. If you have arranged a delivery we will send you confirmation of this by post.

If you have any queries or require further information regarding the delivery of your pool please contact your Sales Person or the Installation Department on 01245 265036.

We hope to have you in "Hot Water" very soon.

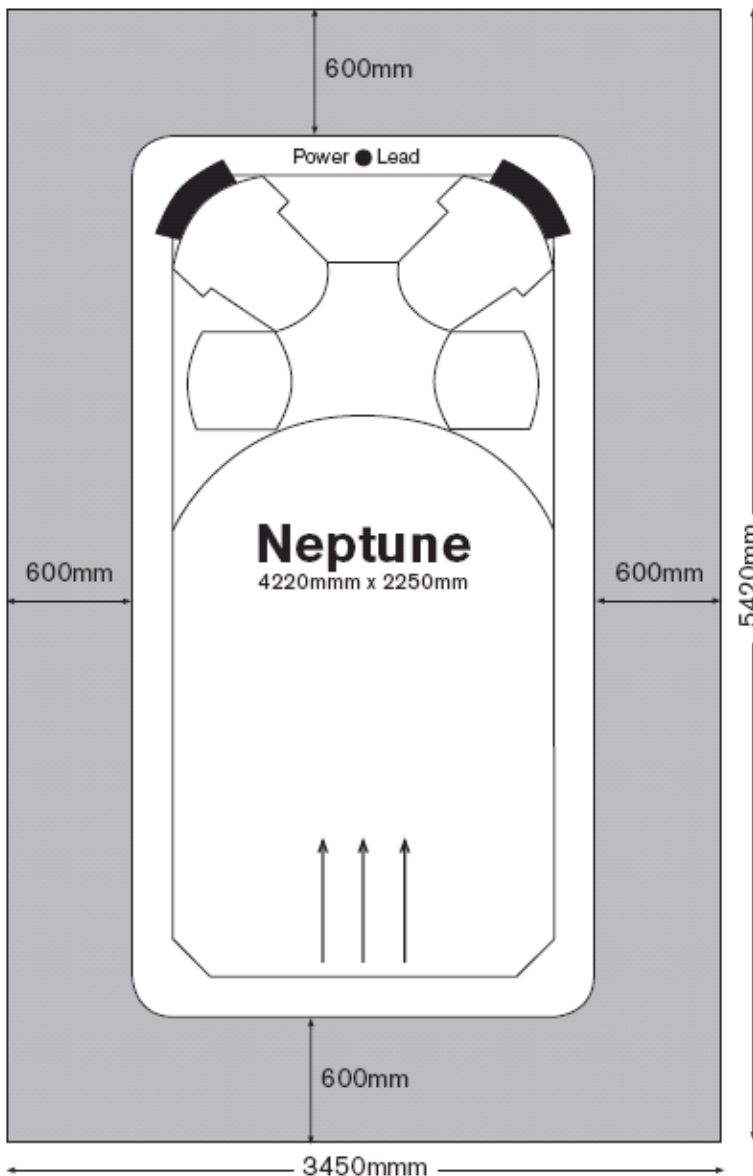
## Instructions and Advice for Sinking Riptide Neptune 4.3 Exercise Pool Into Gardens and Decks

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

When digging your hole please allow 600mm gap on all four sides of your pool to allow all components to be accessed. This gap will also allow for airflow and tolerance of natural movement from water volume when filled. Dig the hole and lay a 6" (16cm) 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. 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 on a separate power supply to the pool.

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 build the decking to allow access to the electrical compartment and all components. 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 16" above ground or deck level to allow the lifting arms to operate. If using a Cover Buddy lid lifting device you can fully sink your pool as the lifting arms can be attached to the decking.

Please refer to the Electrical Supply and Base Instructions on page 1 with regards to necessary location of electrical sockets.

If you have any questions or queries regarding sinking your exercise pool please contact your sales person or the service department on 01245 265036.



## Installation Requirements for Sinking Riptide Exercise Pools and Swim Spas

Hot Tub Barn will provide a Site Survey\* to assist and determine the best possible route for delivery of your Riptide Exercise Pool or Swim Spa, recommending any alterations or requirements for your guide prior to delivery.

The most important thing to consider is the access route that the Pool will take on delivery. In most cases the Hiab (crane arm) on the front of our delivery vehicle can reach approx 8 meters depending on weight of pool and height of reach and wherever possible this can be used to lower the Pool into a constructed pit. If the Hiab is unable to reach directly into the pit due to restrictions of reach height, then a crane would need to be provided by the customer.#

Although every effort will be made to ensure the installation of your pool, in some installations where none of the above is possible due to access restrictions or personal choice of location of Riptide Exercise Pools and Swim Spas, a Crane will need to be provided by the customer.

*\*This is for guidance only and should not be considered to be conclusive, due to unforeseen circumstances which may occur on the day of delivery.*

*# If it is determined that a crane is necessary, then this would be at the cost and arrangement of the customer.*

## **HEAT PUMPS**

If you have chosen to fit a heat pump to your Neptune swimspa you will need to provide an additional power supply to the area beside the pool near the filter system .If you have purchased the DA 050na(a) or DA 078na(a) this will require either a 5amp or 7amp connection respectively.