

The Spa Depot[®]

Turbo Swim

Jet Assembly

Installation Manual

Consult with a physician before starting a fitness or exercise program.

Congratulations on your purchase of the new Turbo Swim exercise and fitness pool.

By now, you should have your new pool together and ready to fill with water. **Make sure that you have the pool positioned correctly so the jet pump assembly is at the desired end.**

At the factory, we have pre-installed the retaining rings for the jets, as shown in Photo #1 and pre-punched suction holes in the corners. You will need to install the supplied wall fittings, suction screens (inside pool) and ball valves (outside of pool) at this time (Photo #2). The ball valves should be shut (red handle perpendicular to the valve body).



At this time, to make the installation easier, fill the pool to the bottom of the swim jet retaining rings.

Locate the swim jets and unscrew the compression rings from the jet bodies. Photo #3 shows the jet body assemblies and the parts of the jets.



First, remove the gaskets from the compression rings and place the gasket into the retaining ring assemblies on the "dry" side (Photo #4). Holding the jet body assembly into the retaining ring,

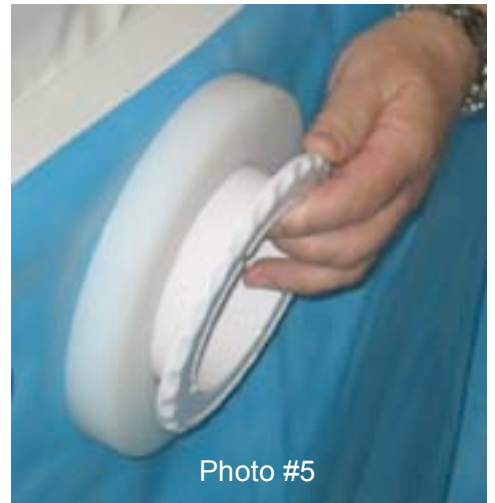
screw the compression rings into the jet bodies, from the inside of the pool (photo #5) and hand tighten. Using the supplied jet tool, tighten the compression rings. This is a good time to also install the jet nozzles as shown in photo #6. The retaining ring screws into the center of the jet and should be left slightly loose to allow the jets



to be adjusted. Next, close the valve on the jet assembly and continue filling the pool to the appropriate level.

To complete this installation, you will need the following items:

1. #2 phillips screwdriver
2. Strap wrench (for tightening pump unions if necessary)
3. 12" x 12" cement paver to set pump on.



Unpack the 4 hp pump (Waterway or Pentair brand) and install as shown in Photo #7 and tighten the union. Next, attach the suction manifold to the pump, as shown in Photo #8 and install the supplied hoses with gaskets, paying attention that the hoses are different

lengths, between the suction manifold and the corner suction fittings (ball valves). Note: depending on the surface, you may or may not need the paver to set the pump on.



Photo #6

Next you will need to have an electrician install the 220 volt power to the jet pump. A 220v/30amp control box w/GFCI with air switch is provided. For safety reasons, your ON/OFF function is controlled by a non-conductive air switch, allowing you to turn the jet pump on or off while you are wet and in the pool.



Photo #7

The air switch airline (1/8" clear plastic tubing) connects to a port on the control box (See directions with the control box) and to the air switch button that is installed into the ladder platform as shown in Photo #9.



Photo #8

Turning the pumps ON/OFF is done by pressing the air switch button that was installed on the underside of the ladder platform,

on the right side.

Before turning on the pump, open the valve on the jet manifold, open the valve on the suction manifold and open the ball valves on the corners of the pool. Press the air button and enjoy your new Turbo Swim.

Adjusting the Jets

The jets are adjustable for direction only. To aim, move the nozzle to the desired direction WITH THE PUMPS OFF. Aiming the jets may take a few moments because personal preference will determine where they will be pointed. As a preliminary set-up, both jets should aim to a single point in the middle of the pool, at the surface of the water and approx. 4' from the jets in the center of the pool. A piece of 3/4" rigid PVC approx. 4' long inserted into the jet nozzle can be helpful in the aiming process.



Photo #9

Winterization

If your pool is located outside and you will not be using the pool during the winter months when freezing is a possibility, the following steps must be followed to prevent damage to the Turbo Swim system:

1. Lower the pool water level below the swim jet openings.
2. Remove the jet manifold and store.
3. Remove the pump, suction manifold and hoses and store.
4. Remove the skimmer, hoses and filter pump and store.

Now install a pool cover, which should be properly fastened to the pool structure so as to prevent blow off.

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