

solus

Water Feature

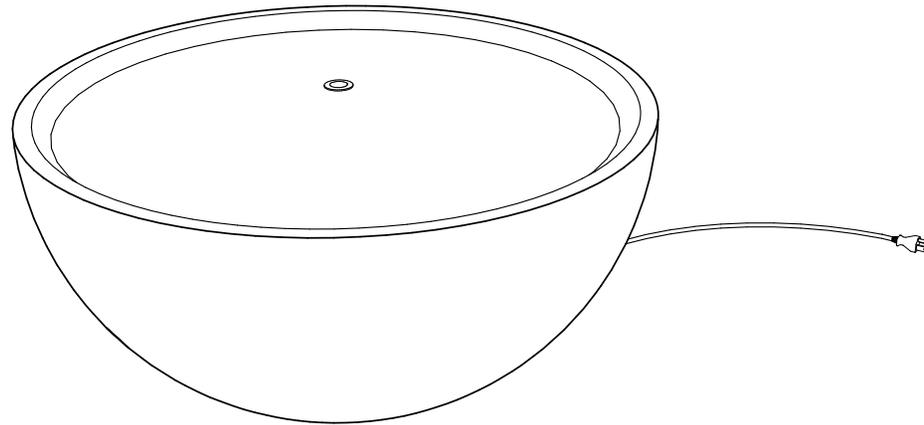
Contemporary Design, Crafted in Concrete

DOME 26, 36 & 48

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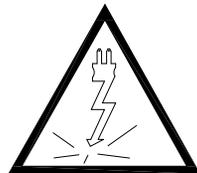
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INSTALLATION & OPERATION MANUAL.



WARNING!

Failure to follow instructions may result in drowning, electric shock or damage to property.



Electrical shock
hazard!



Water Damage
Possible!



Keep children away.
Drowning hazard!

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INSTALLER: Leave this manual with the appliance.

CONSUMER: Retain this manual for future reference.

WARNING:

Read and understand Installation & User Manual and all safety instructions before use.

WARNING:

Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Read the Installation and User Manual thoroughly before using or servicing this equipment.

WARNING:

Water leakage can cause serious damage to property. Periodically inspect and confirm there is no leakage for indoor applications.

WARNING:

Do not let pump run dry. Pump will burn out if water level is too low.

WARNING:

Spilled or splashed water can create a slipping hazard. Clean up spills and locate your water feature in a suitable area.

WARNING:

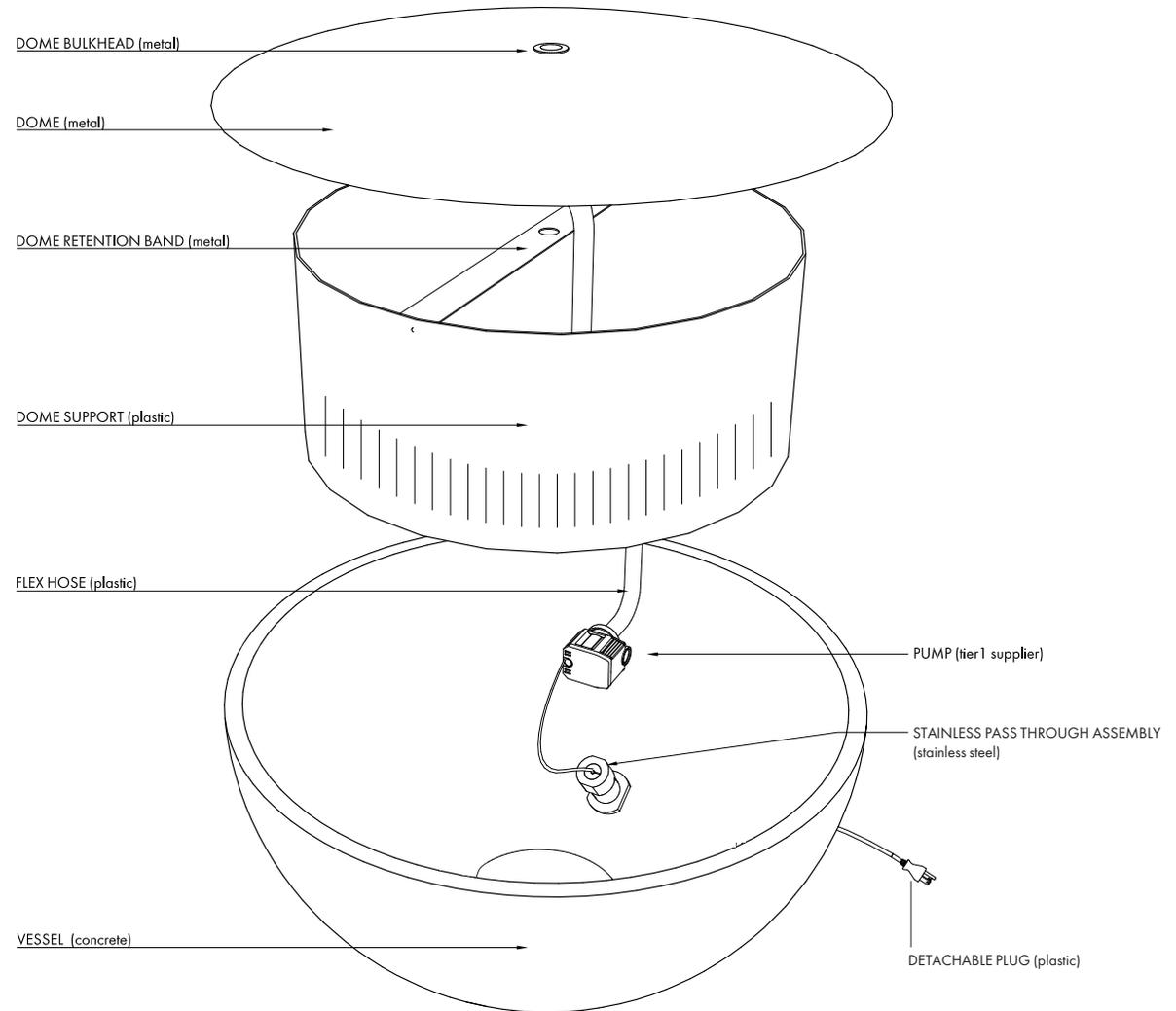
Please watch children around the water feature. There is the potential for drowning.

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EXPLODED DIAGRAM

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Your water bowl can be used indoors or outdoors.

INDOORS:

BEWARE! THERE IS ALWAYS POTENTIAL FOR WATER DAMAGE TO SURROUNDING MATERIALS AND FINISHES!

+ You will need a level surface on which to place your water feature. An unlevel surface will result in uneven water flow. Please use shims to level your water feature.

+You will need to purchase some thick felt furniture pads to stick to the bottom of the bowl. Your local hardware store will have them. The pads will create an airflow space between the concrete and your flooring and will minimize the moisture exchange with your floor. Check the space under the bowl for moisture as trapped water can damage flooring.

+Solus is not responsible for any damage to surfaces caused by water. It is a good idea to buy some thick felt furniture pads to rest the bowl onto. Your local hardware shop should have them.

+See the special indoor draining instructions further down in the document in the Draining section.

+Our water features have the potential to splash and create a slipping hazard. For indoor use we recommend using the minimum water levels and a low pump setting to reduce/eliminate splashing. See the 'installation and care' section for water level recommendations.

+Excessive use of chlorine in the water may damage the pump and void the warranty. Use an alternate non-chlorinated biocide (water additive) that is safe for magnetic driven pumps.

OUTDOORS:

+Always drain the water out of the bowl before any threat of freezing. Water left in the bowl through a freeze thaw cycle can cause cracking of the concrete vessel.

+It is normal for concrete to etch when exposed to the elements. Over time aggregate will become exposed on concrete surfaces. To minimize weathering we recommend covering your water bowl when it is not in use and during winter months. For information on our tailored All Weather covers please call us at 604-255-2472 or visit our website @ www.solusdecor.com

+Use of chlorine in the water will damage the pump and void the warranty. You can purchase water additives

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to accomplish the same outcome. Water additives will discourage the growth of algae and can be purchased from any pond supply store. There are many nontoxic products available safe for birds, animals and insects. There are also additives to keep mosquito larva from developing if you leave your pump off long periods of time. Talk with your local garden center, they should be able to help.

COMPONENTS.

METAL DOME:

There are 2 metal types available Brass and Stainless Steel.

Stainless Steel is very hard and durable and does not require any special care except periodic wiping. Just use a clean soft cloth to wipe off any bio-residue that may have accumulated. Do not use any abrasive materials on the Stainless Steel because it may effect the sheen.

Brass is a soft and tarnishable metal that does require some special care. We polish and coat the brass dome with a "self-annealing" coating, meaning it can be re-coated or touched up if scratched. The coating will also prevent the dome from tarnishing. But be aware that the coating will be slowly eroded away by the flowing water. Once the coating is gone the brass will start to tarnish again.

You may choose to leave the dome to tarnish naturally to a deep bronze colour, or you may re-polish the dome using 'Tarn-X' or other metal polish. This will bring the brass back to it's original bright state. If you wish to keep it in this bright state over time, you will need to coat the dome. We use a product called "EVERBRITE" (www.everbritecoatings.com). Just follow their directions for reapplication.

Also, all metal parts will change over time especially when exposed to weather and organic substances such as leaves.

It is normal for some efflorescence in the form of powdery white residue to appear on the dome when you begin to use it. Use some CLR (Calcium, Lime and Rust remover) on soft rag and wipe off the efflorescence (a fancy term for lime build-up). We also find that a Mr. Clean Magic Eraser works well too.

You can avoid lime/mineral build up entirely by filling your water feature with RO (reverse osmosis) purified water!

All domes are hand machined and exhibit unique qualities. So no two domes are alike. The various types of machine marks help to randomly distribute the water over the surface. We also love the idea of this decorative machine aesthetic as a nod to the hand-hammered metalwork of the past.

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PUMP:

NEVER RUN YOUR PUMP DRY and avoid exposing your pump to chlorine as this will damage the mechanism. Your Oase pump has a two year limited warranty. If your pump is defective or fails under the terms of the limited warranty please return it to Solus Decor for exchange.

The Oase Pumps are adjustable. To adjust the water flow: remove the dome and support (see "To Drain the Bowl" Instructions following). The dial on the end of the pump can be turned to increase or decrease water flow. Be prepared to get a little wet! We prefer a lower setting which creates a more serene experience.

You can find specific pump information in the provided instruction manual or on line at www.oase-livingwater.com

Concrete:

Concrete is strong but will chip or crack if knocked against hard surfaces. Take advantage of the opportunity to ask friends or neighbours for help when lifting or moving your concrete vessel. A carrying strap is provided with our 36" and 48" bowls.

Our concrete vessel has been sealed with penetrating sealer and is ready for indoor and outdoor use. It is normal for free lime or efflorescence to come to the surface of the bowl with exposure to water. This efflorescence appears as a thin milky or white residue and can be buffed away using the green pad provided. We recommend resealing the bowl once per year

If your concrete is outside you must drain all water out of it before the first sign of freezing. Any substantial amount of water left in the vessel will freeze and may cause cracking or other damage. This is a good time to clean out any debris and to re-seal the concrete in preparation for the coming spring.

Plumbing Parts:

All of the smaller plumbing pieces are standard off-the-shelf parts that are readily available from any irrigation/plumbing/hardware shop. All these pieces will be standard North American sizing and threading, generally 3/4". When looking for replacement pieces, just take the part you need to your local shop and they are sure to have a replacement.

Installation (continued on page 8)

**You will need 2-4 strong people to lift and place the concrete bowl. Concrete is strong but will chip if knocked against hard surfaces so handle it with care.

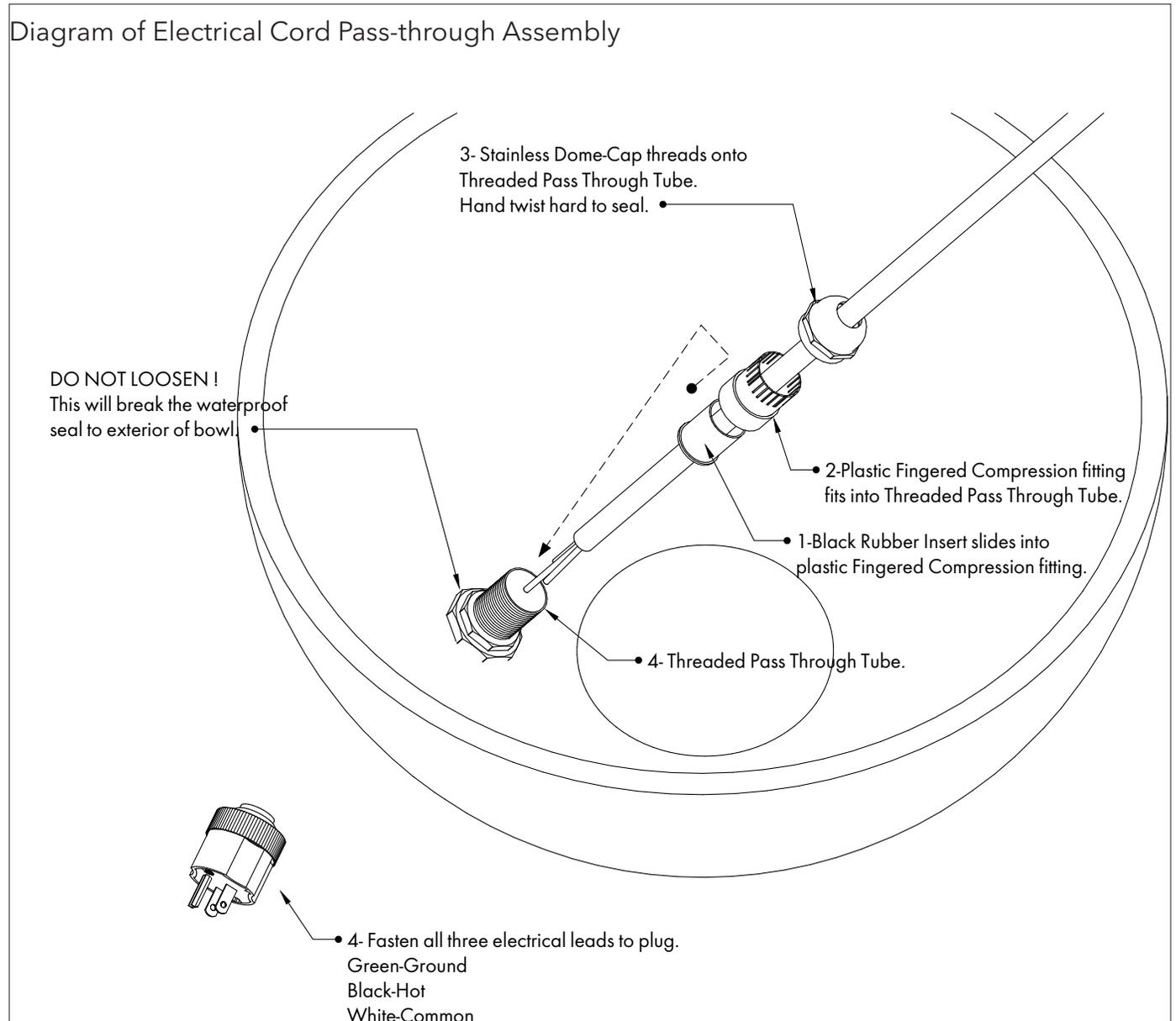
**UK & European installation requires a qualified technician to install the electrical plug onto the pump.

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Diagram of Electrical Cord Pass-through Assembly



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1. Use the harness when moving the larger sized bowls; 2 people for the 36" and 4 people for the 48". Move to appropriate level area. You may need to shim the bowl to ensure level. Do not roll the 48" concrete bowl along its edge. This will put undue pressure on the bowl and may cause breakage.
2. Add the recommended Liters of water. The less water you add the less over-splash there will be.

Dome 26" 12-15 L
Dome 36" 15-30 L
Dome 48" 30-50 L REMINDER: !! Never let the pump run dry !!
3. Check the seal of the rubber stopper in the electrical cord pass through. If you see any leakage tighten the seal of the cord in the rubber stopper by pulling/pushing/wiggling on the cord from the outside until the seal tightens and leaking stops. NB. The rubber stopper may have to be jimmed using a chop-stick or pencil to create a good seal.
4. Hook up electrical plug (if needed) and plug in. Water should spurt up through the top of the dome. If not, unplug and see what is impeding the flow. Running the pump with no water flow will damage the pump.
5. Then adjust the flow volume of water to your liking and adjust the dome and support to achieve even water flow.
6. Watch and listen to the water and enjoy.

To drain the bowl- OUTDOORS

1. Lift the dome and ABS support out of the bowl. You may need to unscrew the flex hose from the pump to accomplish this.
2. Unscrew the Domed Cap and pull out the Fingered Compression Fitting inside the Pass Through Tube. You may have to wiggle around the electrical cord to loosen it. Please be careful not to damage the fitting. The water should start to flow out through the tube.
3. Once drained you can flush out the pump with tap water before storing, otherwise the algae may seize up the pump. You can also clean out debris in the bowl, making it ready for next year.

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To drain the bowl: INDOORS

1. Prepare 2-4 empty 10 litre pails or a large 5 gallon bucket.
2. Use a 3/4" O.D. clear silicone hose provided and stick one end into the centre of the dome outflow hole. Place the opposite end of the hose into the bucket.
3. Turn on the pump. Instead of the water flowing over the top of the dome the water will run through the hose into the bucket. You will be able to empty all but 2 litres of water from the bowl. Turn the pump off immediately when water stops running through the hose.
NEVER RUN YOUR PUMP DRY!
To remove the remaining 2-3 litres: Lift the dome and ABS support out of the bowl. You may need to unscrew the flex hose from the pump to achieve this. Then bail out remaining water with a yogurt container and then a sponge for the last remnants.

To refill the bowl reverse the process.

1. Feed electrical plug through Split Plug Cap first!
Make sure the Split Plug Cap is facing the correct direction. You will need to screw this onto the threaded bulkhead fitting to secure the rubber Split Plug in place.
2. Pull through as much electrical cord as needed. Leave enough cord inside the bowl for slack and fit the rubber Split Plug around the cord and push into the bulkhead opening. The soft rubber will squeeze around the cord and fill the opening, making for a water tight seal.
It's best to wiggle around the cord a bit while pushing in the rubber plug. This will help to seal any gaps. You may also need to pull and push on the cord to get a water tight seal. You may also use a bit of olive/vegetable oil as a lubricant to help seat it.
3. Once the rubber Split Plug is about 7/8 of the way in, start to screw on the Split Plug Cap. This only needs to be finger tightened. It prevents the plug from backing out of its own accord.
4. Add a few liters of water to check for leakage. Adjust and wiggle the cord/split plug until leakage stops.
5. Then reattach the flex hose to the pump and replace the dome and ABS assembly. Making sure the stainless steel prongs are *inside* the ABS cylinder.
6. Add the appropriate amount of water and your ready to go again.