



Gre KPCOR28 Composite Square Pool Instruction Manual

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Product Information

The product is a swimming pool manufactured by Grepool. The pool comes in different sizes and heights. The specific models mentioned in the user manual are:

- KPCOR28 – Dimensions: 3.26m x 3.26m, Height: 0.96m
- KPCOR2814 – Dimensions: 3.26m x 1.86m, Height: 0.96m

Product Usage Instructions

Before mounting the pool, it is important to read the entire manual carefully. Here are some key instructions to follow:

1. Before starting with the installation, extend all the pool components and check that they match the ones shown on page 23 of the manual.
2. Handle all the swimming pool parts with care as they are fragile and can be easily damaged.
3. Failure to follow these instructions will completely invalidate the warranty.
4. If you have any questions, contact the technical service.

Warranty Information

The pool comes with a warranty period of 2 years against all manufacturing defects. To make a warranty claim, follow these steps

1. Keep the manual, serial number, and purchase receipt for any type of reclamation.
2. Submit a warranty claim online via the www.grepool.com/en/aftersales website along with the purchase receipt.
3. You may be asked to provide photographs to justify the claim.
4. No returns of material will be accepted without prior agreement.
5. The client is responsible for all costs of returning the goods (packaging and transport).
6. The warranty covers the repair or replacement of the defective part, but does not include compensation for any harm or damages

IMPORTANT

- Read carefully the whole manual before mounting the pool.

- Before starting with the installation, extend all the pool components and check that they are the same as the ones on page 23.
- Handle with care all the swimming pool parts. They are very fragile and can be damaged easily.
- In case of failure to following these instructions, the warranty will be completely invalidated.
- If you have any questions, contact the technical service.

ATTENTION!

- Carefully read this information and keep it for later consultations
- Congratulations on your swimming pool choice. The model you have chosen has been especially designed for simple and rapid installation, but some precautions for safe handling and safe use are necessary. Before starting with the installation and assembly of your pool, consider the current local regulation about on ground and in ground pools.
- The use of the pool kit includes respecting the safety instructions described in the maintenance and instructions for use manual. If the safety regulations are not respected, serious damages for your health and specially for children may occur. Read this manual carefully and pay attention to the illustrations before starting to assemble the pool. In the case of not following this manual for the pools assembly, in case of failure the guarantee may be rejected.
- The information in this manual shows exactly how the pool should be assembled with illustrations that complement the assembly process. Contractual elements such as illustrations may vary, regarding on shape, colour and aspect. Manufactures Gre in its commitment to ongoing improvement of their products, reserves the right to modify at any time and without previous warning the features, the technical details, the standardized equipment and the different options of its products.

GUARANTEE

Keep your manual with the serial number and the purchase justification (payment receipt) for any type of reclamation.

- Any reclamation against guarantee should be made by an online declaration, via the www.grepool.com/en/aftersales website, together with receipt of purchase.
- You may be asked for photographs to justify the claim. No returns of material will be accepted without previous agreement. The client will support all costs of all returns of goods, (packaging and transport).

AFTER VERIFICATION AND CONFIRMATION OF A MANUFACTURING DEFECT

- The products that effectively show defects will be repaired or will be replaced free of transport costs.
- An estimate will be provided for the products not included in the guarantee. After the client has accepted the estimate the parts will be delivered.

The guarantee is limited to the repair or replacement of the defective part. It does not include, under any circumstance, the payment of compensation for harm and damages.

THE GUARANTEE IS NOT APPLICABLE IN THE FOLLOWING SITUATIONS

- Use of materials that do not comply to our instructions.
- Damages caused by mishandling or an installation not complying with the instructions.
- The maintenance instructions were not followed.
- Inappropriate or wrong use of the chemical product.

DURATION AND CONDITIONS OF THE WARRANTY

- The pool's warranty period against all the manufacturing defects it is 2 years. The requirement for this is that all the manual instructions in relation to the preparation, installation, use and security that come with the pool are followed at detail.
- The pool's structure has a 5 year warranty since the date that the product has been purchased. This warranty covers insect attacks and rotting. The guarantee will not be valid for the following situations
 - Use of materials not in accord to our instructions.
 - Incorrect use of chemical products for water maintenance
 - Colour variations
 - Provoked damage (breakages, scratches)
 - Liner: 2 years for the seams and water tightness in normal conditions of use. The guarantee does not include: Ripping, tears, breakages, stains (caused by pouring treatment products directly into the water), stains linked to the growth of algae, stains related to the decomposition of foreign bodies in contact with the liner, stains and decoloring resulting from the action of oxidizing products, colour maintenance and wear due to friction of the material over diverse surfaces. Deformation of the liner that has been left without water for 24 hours (never completely empty the pool).

You should keep the label with the serial number of the liner that is on the product and on its packaging. This number and a sample of the liner will be required for any eventual reclamation against the guarantee.

- Stainless steel stepladder: 2 years. In the case of a filtration due to salt electrolysis, the guarantee will not cover the stepladder.
- Filter group: The pump has 2 years guarantee (electrical problem), in normal conditions of use. The guarantee does not cover breakage of parts (pump base/sand deposit, pre-filter cover, multi directional trap...), wear due to a poor connection, use of the pump without water, wear due to abrasion or corrosion (the filter group should be located in a cool and dry position, kept protected from water splashing).
- Other components: 2 years.

THE FOLLOWING IS NOT INCLUDED IN THE GUARANTEE

- Cuts in the liner
- The assembly and filter connection
- The assembly
- The filling with water
- Installation of the edges
- The wintering
- Maintenance

AFTER SALES SERVICE IN GUARANTEE

(Change of piece after visual justification)

- Changing of COMPOSITE after visual verification.
- Period for change: 8 business days In the context of replacing a defective component, the disassembly and assembly is not the responsibility of Manufactures Gre.

AFTER SALES SERVICE WITHOUT GUARANTEE

The guarantee is valid in all the UE countries, UK and Switzerland. GRE offers the buyer -in addition to the rights of guarantee from the seller that correspond by law and without limiting the man additional right according to the conditions of the following obligations guaranteed for new products.

MANUFACTURAS GRE S.A. | ARITZ BIDEA 57, BELAKO INDUSTRIALDEA | 48100 Mungia (Vizcaya) España
| Nº REG. IND.: 48-06762

Made in Europe

e-mail: gre@gre.es <http://www.grepool.com>

Spare parts available for 5 years counting from the product invoicing date.

PROLOGUE

SAFETY INSTRUCTIONS

- The filter kit (filter + pump) should be installed at least 3.5 metres from the pool to avoid the risk of electrocution.
- According to the regulation, there should be a special differential electricity protection device for pools with electric filter pumps. Never leave children without surveillance near the pool.
- After each bath, remove the external stepladder to avoid accidental falling into the pool of children or of pets (Regulation EN-P90-317).
- This pool is exclusively designed for family use. Walking on the edges or diving or jumping from them is strictly forbidden.

DURATION OF THE INSTALLATION

The installation of this pool needs the intervention of at least two people and takes two days (besides the preparation of the land and the filling).

BEFORE BUILDING YOUR POOL MAKE SURE THAT

- You have the assistance of a qualified person for the electrical connections.
- There is sufficient water supply to fill the pool.
- That you have carefully read the manual, step by step, to fully understand the installation of your pool.

INSTALLATION SUGGESTION

The land should be prepared as indicated in the «installation» chapter of this manual.

DO NOT PLACE YOUR POOL

- Under overhead electricity cables

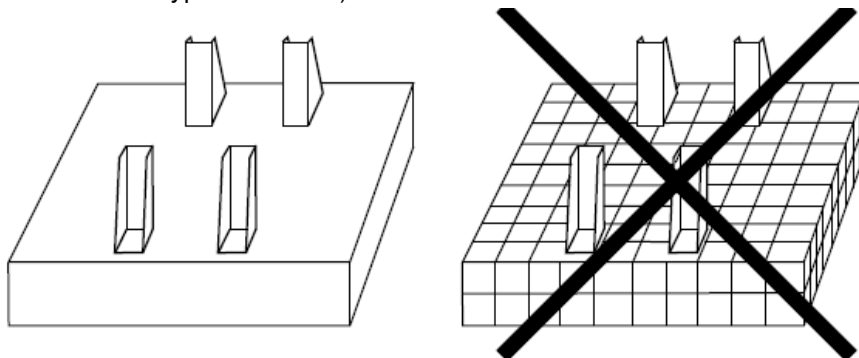
- Under branches of trees
- On non-stable land
 - A good location allows you to save time and avoid limitations. The pool should be in a sunny spot and easily reached.
 - The location of the pool should be free of tubes or electrical connections.
 - Take into account that the best is to assemble the pool on a sunny day and avoiding high winds.

PACKAGING, CLASSIFICATION AND RECYCLING

- Some pool components are packed in plastic bags. To avoid all risk of asphyxia, never allow babies or children to play with these.
- Thanks for respecting the European Union Laws and collaborating in protecting the environment.

Concrete slab

Dosing 350 kg/m³ (standardized type C125 430)



- Floor tile/paving stone

When you have installed your pool and all the components are assembled, we thank you for classifying and recycling all the packaging.

SAFETY PRECAUTIONS

SAFETY ADVICES

Carefully read, understand, and follow all information in this user manual before installing and using the swimming pool. These warnings, instructions, and safety guidelines address some common risks of water recreation, but they cannot cover all risks and dangers in all cases. Always be cautious, common sense, and good judgment when enjoying any water activity. Retain this information for future use.

Non Swimmers safety

Continuous, active, and vigilant supervision of weak swimmers and non-swimmers by a competent adult is required at all times (remembering that children under five are at the highest risk of drowning).

- Designate a competent adult to supervise the pool each time it is being used.
- Weak swimmers or non-swimmers should wear personal protection equipment when using the pool.
- When the pool is not in use, or unsupervised, remove all toys from the swimming pool and its surrounding to avoid attracting children to the pool.

Safety devices

- It is recommended to install a barrier (and secure all doors and windows, where applicable) to prevent unauthorized access to the swimming pool.
- Barriers, pool covers, pool alarms, or similar safety devices are helpful aids, but they are not substitutes for continuous and competent adult supervision.

Safety equipment

- It is recommended to keep rescue equipment (e.g. a ring buoy) by the pool.
- Keep a working phone and a list of emergency phone numbers near the pool.

Safe use of the pool

- Encourage all users especially children to Learn how to swim
- Learn Basic Life Support (Cardiopulmonary Resuscitation – CPR) and refresh this knowledge regularly. This can make a life-saving difference in the event of an emergency.
- Instruct all pool users, including children, what to do in case of an emergency
- Never dive into any shallow body of water. This can lead to serious injury or death.
- Do not use the swimming pool when drinking alcohol or using medication that may impair your ability to safely use the pool.
- When pool covers are used, remove them completely from the water surface before entering the pool.
- Protect pool occupants from water related illnesses by keeping the pool water treated and practicing good hygiene. Consult the water treatment guide- lines in the user's manual.
- Store chemicals (e.g. water treatment, cleaning or disinfection products) out of the reach of children.
- Signage is to be displayed in a prominent position within 2 m of the pool.
- Removable ladders shall be placed on a horizontal surface.

WARNING

Every electrical appliance fed in 220 V, has to be located at least at 3,50 m from the edge of the pool. The equipment should be connected to a voltage, with earth connection, protected by a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

TO TAKE INTO ACCOUNT

Composite is a resistant element characterised for being flexible and being able to absorb a lot of pressure. It is normal to see some deformations in the panels, these do not affect the structural resistance of the pool.

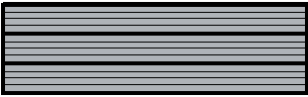
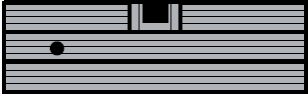
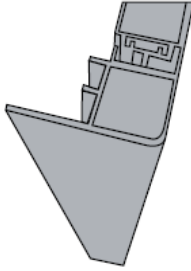
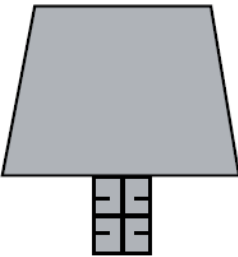
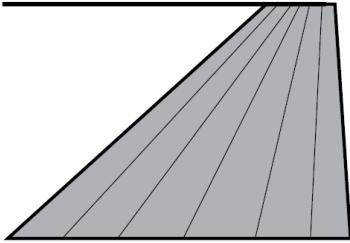


IF YOU HAVE ANY PROBLEM CONTACT US!

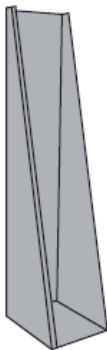
web: www.grepool.com/en/aftersales

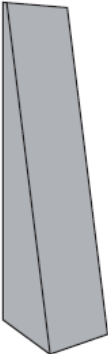
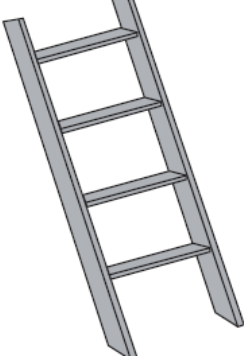
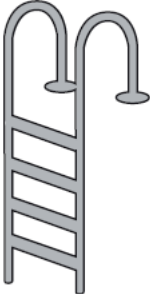
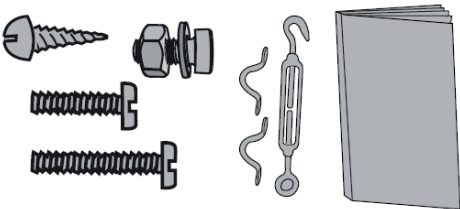
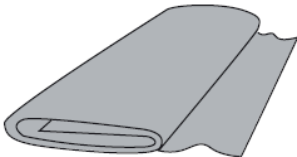
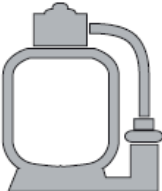
COMPONENTS

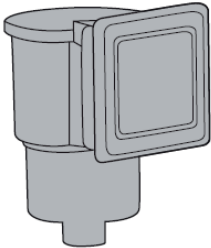
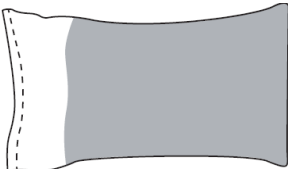
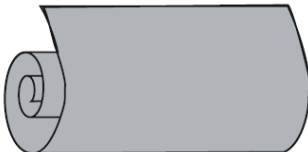
Draw and classify all components included before assembly. It's time to assemble the ladder and the pump, follow the respective instructions. Kits with missing parts will be covered by the warranty only if reported to the after-sales service within 15 days as from the date of purchase of the swimming pool. In order to avoid any possible injury all swimming pool walking entrance must be regularly checked.

- Verify that the number of UNITS within each box or container matches this table (*for the kits).

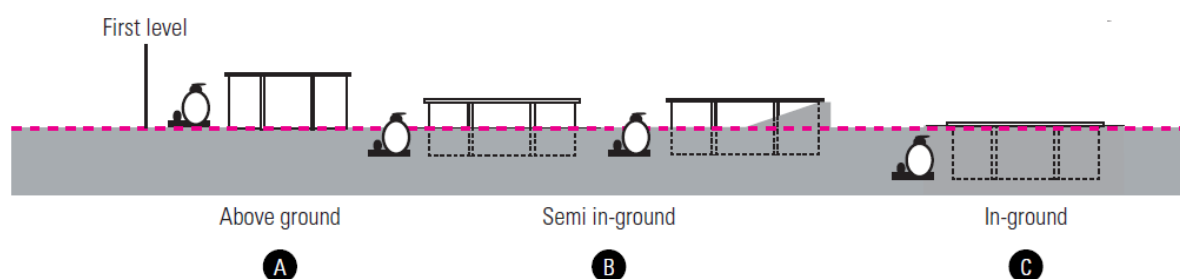
REF	IMAGE	KPCOR28	KPCOR2814
PNCOMRF140090		7	5
PNCOMRF14009SK		1	1
PVAL9001090		4	4
PVAL900180		4	2
PLYCOMP9045		3	2
PLYCOMP9045SK		1	–
PLYCOMP45SK		–	1
ANG90		4	4
ANG60180		4	2

REF	IMAGE	KPCOR28	KPCOR2814
SABOT		4	2

SABOTCOVER		4	2
ETCOMP90		1	1
AR1173CO		1	1
KITENCOR2814 KI TENVCOR28		1	1
LINER		1	1
FILTER		1	1

SK101G		1	1
SILEX		1	1
MPROV		1	1

PREPARATION OF THE SITE



- This is a determining stage in the construction of your pool. Certain works performed in situ, like the preparation of the land, the concrete slab, the draining... could need the intervention of professionals that will suggest the most adequate solutions.
- Select the ideal location, in the sunniest spot possible, taking into account the local regulations (distance from the paths, public rights of way, networks...) and the landscaping after installing the pool.

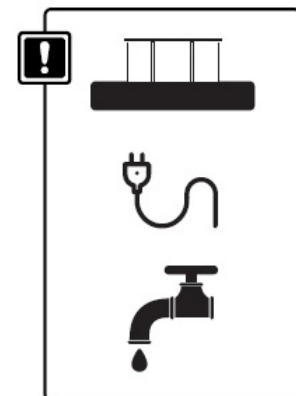
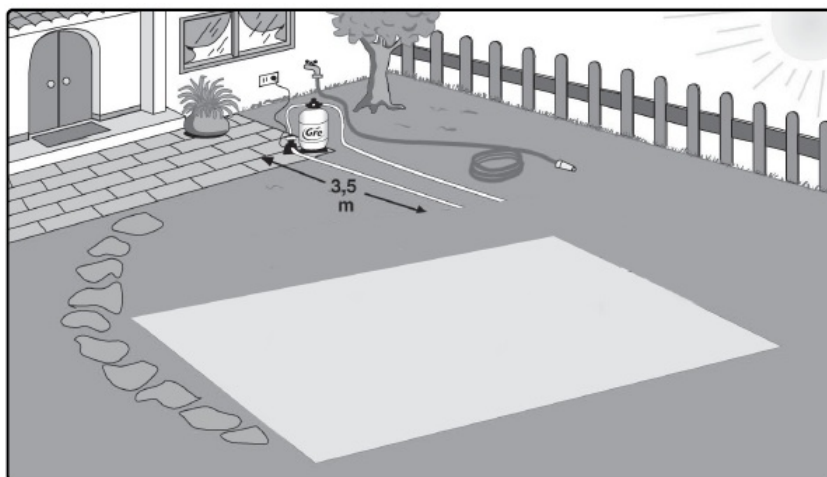
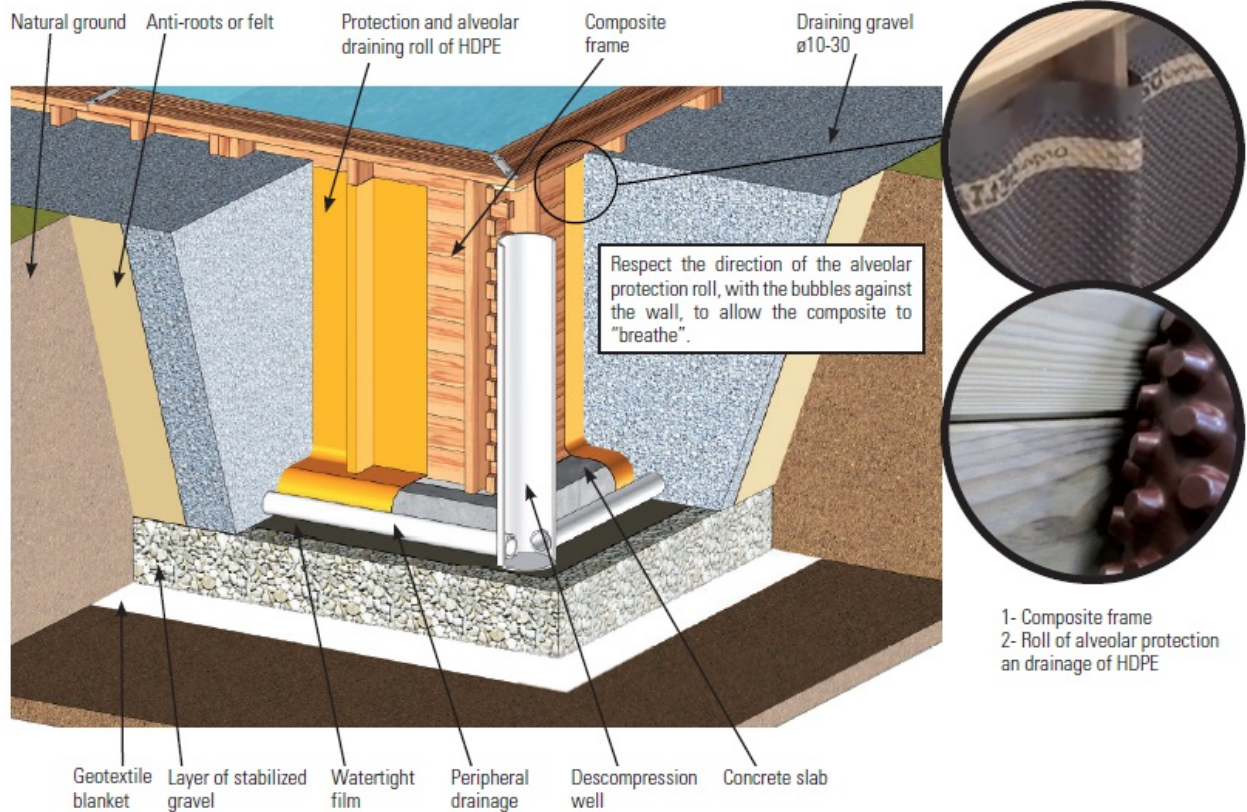
Your pool can be installed in these three ways: A-B-C

- Try to not install your pool on recently filled land or unstable land. Whatever type of installation you choose, you should excavate and prepare the land for levelling.
- **Attention:** in the case that the land is sloping, you need to excavate it for levelling. Do not add soil to level it.
- The installation should be using a concrete foundation slab, at least 15 centimetres thick. The pool is assembled after the concrete foundation slab has completely dried (3 weeks). The filter group should be located below the level of the pool and ideally at the floor level of the pool.

PARTIAL OR COMPLETELY IN-GROUND INSTALLATION

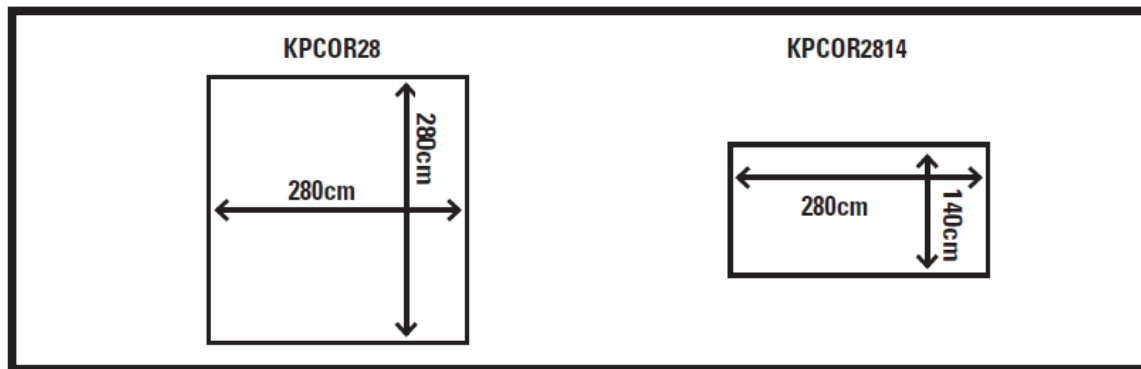
According to the nature of the land, you should install a peripheral drainage and connect it to a decompression well. The well will be excavated before the construction of the pool to avoid that the excavations fill with water during the works. It should be near the pool, a few centimetres lower than the deepest point of the same and reach up to the surface. The decompression well is located at the most humid point. It acts as an overflow in the case of

water infiltrations or clay soil, starting from the fact that water rises quicker through a tube than through the soil.



- **Installation place:** Our pools are designed to be erected above ground and for an outdoor family use. The ground has to be firm, flat and perfectly horizontal.
 - **Remember:** 1000 lts of water = 1 tonne = 1000 Kgs.
- **Advices to choose the best location for your pool**
 - Select a place where you'll have to realize the least excavation to level the ground.
 - Non easily inundated area in case of rain.
 - Where there is not any underground connection (water, gas, electricity, ...).
 - Do not install it underneath electric line.
 - Protected from wind and without any trees because the pollen and the leaves make the pool dirty.
 - Sunny area, where the most sun is during the morning.
- **UNACCEPTABLE LOCATION:** Sloping, uneven ground. Sandy, rocky or soggy ground.

INSTALLATION



INTERIOR DIMENSIONS

- Once the floor is properly leveled, the ground will be marked with the lines where the inside face of the panels of the swimming pool will be supported.
- It is time to check the measurements.
- If not, the exercise needs to be performed again.



PLACEMENT OF THE PANELS

Your pool must be centered on the concrete base.

- All your pool's panels are identical except the one that carries filtration. Place it in the center of one of the two shorter areas of your swimming pool. (photo 1)
- The inside face of the panels (smooth surface) must be above the polygon just marked in the previous paragraph.
- Use the vertical profiles to join the panels together (photo 2). It is recommended that the plastic protecting the profile on the inside be removed before mounting the panels.
- It's very important to move the panels with great caution and between two people. The marks or scratches caused to the panels due to poor handling are not covered by the warranty. If you have problems inserting the profile, move the panels until they have the same angle and distance as the profile. The profile will thus enter more easily.
- The panels of your pool may bend slightly due to the water pressure. This is of no concern. It is absolutely normal and there is no risk of the panels breaking.



LAYOUT OF THE WEDGES

Now is the time to remove the outer protection of the vertical aluminum profiles. Revise the internal measurements of your pool.

- Take the metallic wedges and place them as in photo 1. The parts must be centered on the vertical profiles (photo 3).
- Tighten the columns well around the entire layer of boards.
- Vertically drill the layer using a drill with a \varnothing 10mm bit for concrete, and using the column as a guide (photo 4). The depth of the hole should be at least 10 cm to guarantee good fixing.
- Place the fixing bolts (with washers and nuts) into the holes and fix them with the help of a hammer (photo 5). COMPLETELY hammer in the fixing bolts (only the head should be visible).
- Tighten crosswise the 4 nuts (photo 6).



Look for us in our YouTube channel to help you with the assembly.



It is normal that there is space left between the panels and the columns (photo 7). When you fill the pool of water, the panels will touch the columns due to the force of the water.



PLACEMENT OF THE TOP COPPINGS

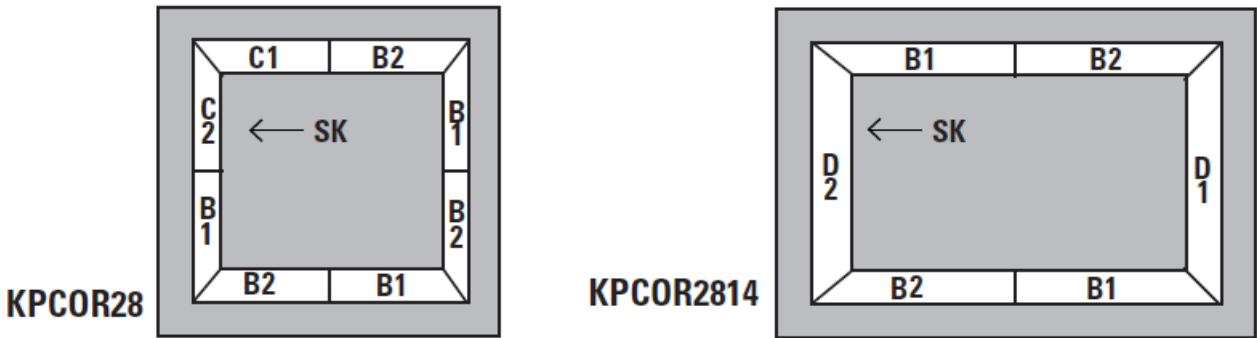
- Locate references B, C and D and place them in your pool as shown in figure 10.

- One part has a cut-out for the skimmer (photo 9).
- This must be placed in the filtering panel. It is fundamental that the pieces are levelled to avoid future problems when positioning the metal trimming.
- The main cause can be due to an incorrect levelling of the terrain. We suggest supporting the coping from outside of the pool at the joint of the vertical metal profile.
- Take precautions with the temperature of the decking and the metal faceplates as they may rise to high temperatures on sunny days.

IMPORTANT: Only in the case of contacting with the after-sales service due to an incident.



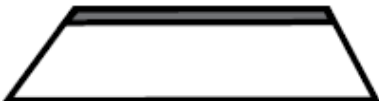

1. Locate your pool in the following tables
2. Search for exact piece needed Check the drawing.
3. You must consider that each reference refers to a single piece, one unit.

- B = PLYCOMP9045
- C = PLYCOMP9045SK
- D = PLYCOMP45SK



10

KPCOR28		
PLYCOMP9045P		C1 = B1
PLYCOMP4590P		B2
PLYCOMP9045SKP		C2

	KPCOR2814	
PLYCOMP9045P		B1
PLYCOMP4590P		B2
PLYCOMP45P		D1
PLYCOMP45SKP		D2



PLACEMENT OF THE SKIMMER

- Completely assemble the skimmer and screw it from the inside of the pool.
- If you find it difficult to screw it to the wall, you can use a 2 mm drill bit and make a guide for the screw. This will make the work easier.
- With the glue, place the seal facing inward. This is very important in order to set the plastic sleeve properly and prevent water leakage. Photo 13.



PROTECTIVE GROUND BLANKET

It is recommended the duck tape be used to cover the rivets of the vertical profiles, which will be in contact with the swimming pool liner. This prevents the liner from being pricked. (Photo 14).

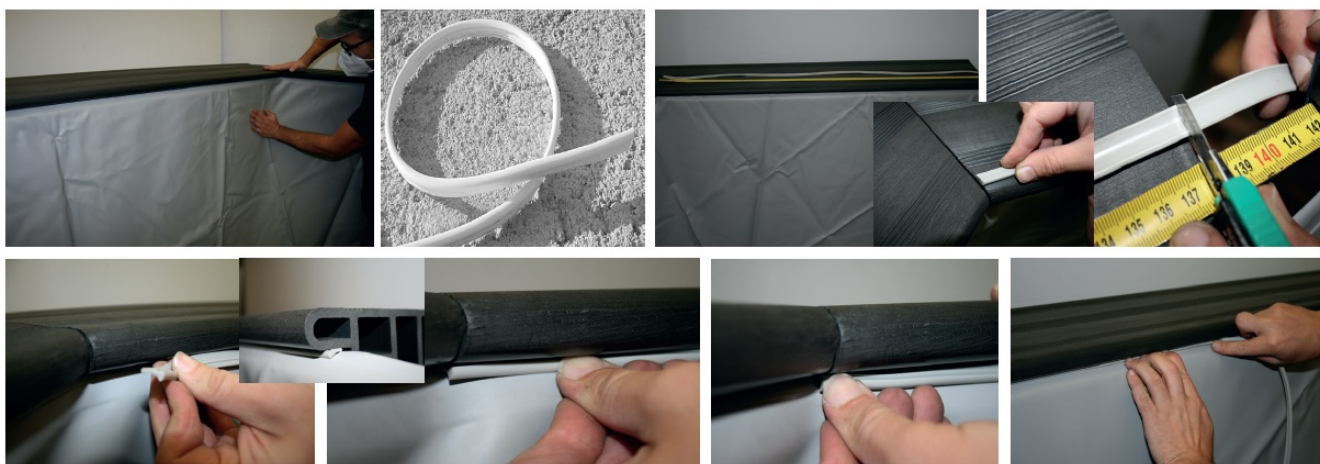
- Before covering the ground, it is advisable to sweep and vacuum the concrete floor to remove dirt, such as pebbles, branches, leaves, etc.
- Place the cover to protect the sleeve. Remove any remaining wrinkles so that they do not appear once the pool fills with water.
- Cut the cover according to your swimming pool model, adapting it to the shape of your swimming pool.



PLACEMENT OF THE SLEEVE (LINER)

- Remove the sleeve from the box with great care. Stretch and extend it in the shade so that it recovers its shape. Perform this step at least two hours before its placement. The ideal temperature for mounting the sleeve is 25 – 30°C.
- Do not use sharp objects they could prick the sleeve. The warranty does not cover punctures due to poor handling. Take off your shoes.
- Extend the cover, pulling it to the corners of the swimming pool. It is very important to take this step seriously, since the final aesthetic of your pool will depend on proper placement of the sleeve.
- Insert the sleeve in the attachment slot. If at some point during completion of this operation an excess of sheath is observed on the wall, spread the excess out evenly around the perimeter of the pool. This will prevent wrinkles.
- Once in place, fill the pool with 2 – 3 cm of water and extend the sleeve wrinkles well. If folds remain in the bottom is not a reason to replace the sleeve with another, as it is not a manufacturing defect. Take your time.
- Very Important: (*) Locate the serial number on the upper part of the wall of the sleeve, near the weld that joins the side.

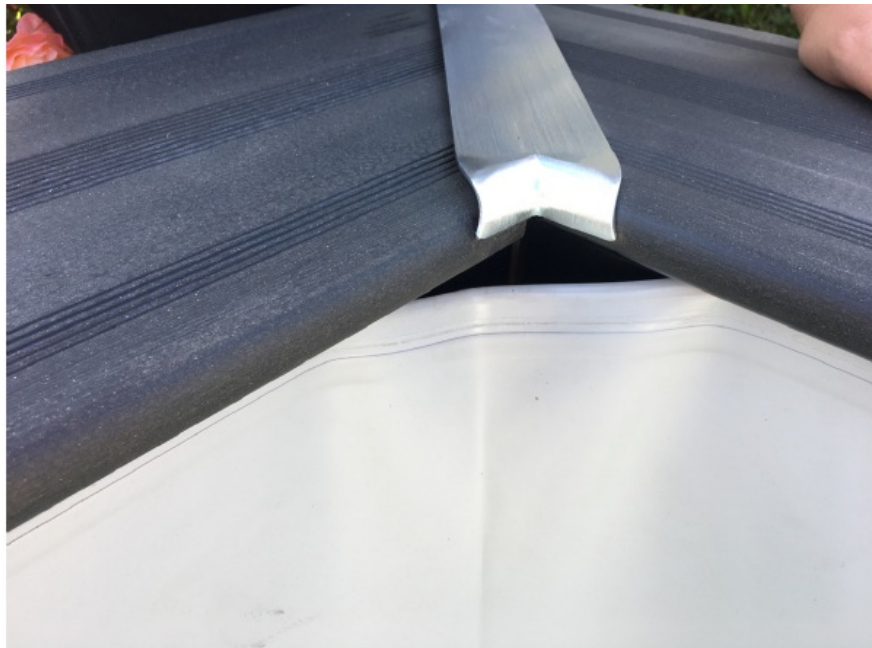
Write it down in the instruction sheet box for potential claims.



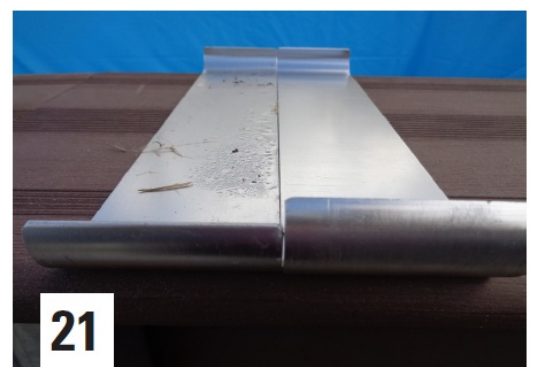
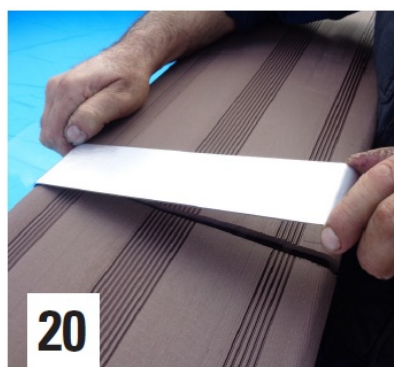
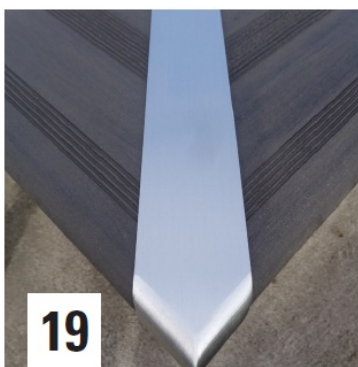


FITTING THE FASTENING STRIP TO HOLD UP THE LINER

- After fitting the liner, miter-cut the fastening strip at lengths of 138 cm (length of each top rail).
- Thread each piece of fastening strip from end-to-end on each top rail to hold the previously fitted liner in place.
- Then place them as close as possible to each pother. Do not fill with water until the fastening strip has been placed on all the pool's top rails.
- The panels of your pool may bend slightly due to the water pressure. This is of no concern. It is absolutely normal and there is no risk of the panels breaking.

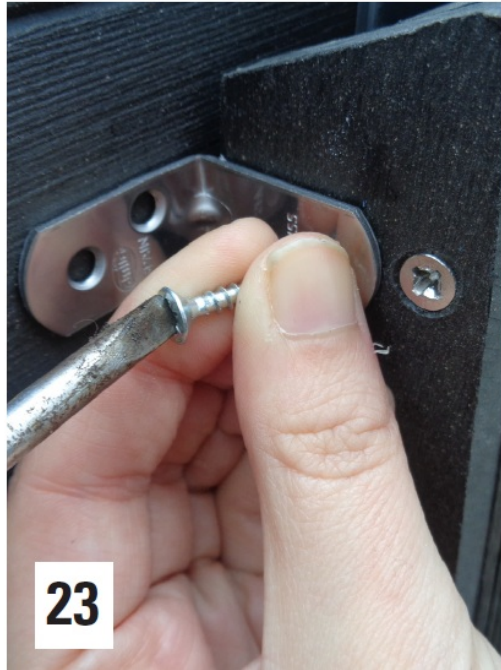


- Maybe the liner does not perfectly adjust to the corners of your pool. This is not a structural problem, simply aesthetic. Do not be surprised.
- When you start to fill the pool, remember to fill only up to 2-3 cm and remove all the wrinkles on the bottom from the interior, without any footwear. Also, you must adjust the corners at the bottom and sides of your pool. It is important that the liner is well distributed around the pool sides and perfectly fitted.
- If this problem occurs, try assembling it on a very sunny day with high temperature.
- In order for the liner to fit better in the corners of your pool, it is advisable to heat the liner, e.g. with a hairdryer at short intervals of time.



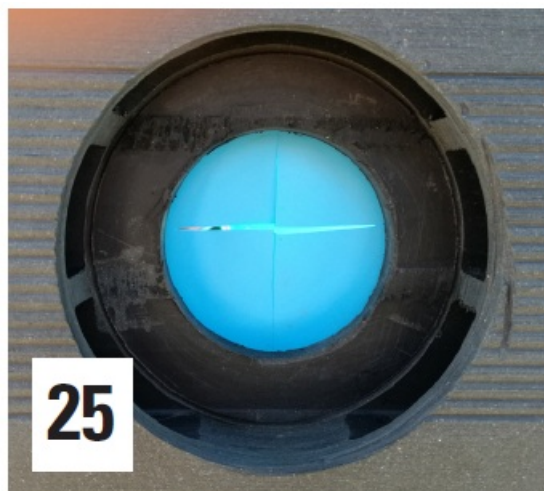
INSTALATION OF THE TOP RAILS' TRIMS

- This piece covers the joints of the coping (there must be a space between the coping). It is aesthetic.
- Possible due to irregularities of the terrain the trim does not fit completely. If this happens, do not worry because it does not affect the structural system. In that case we suggest using double faced tape or Velcro.
 - Look for the trims. All pools have trims with an angular shape. Place them in the coping's connections (photo 19)
 - Straight area: The ends are different. Place the longest part on the inside of the pool. (photos 20 and 21).
 - Screws are not necessary.



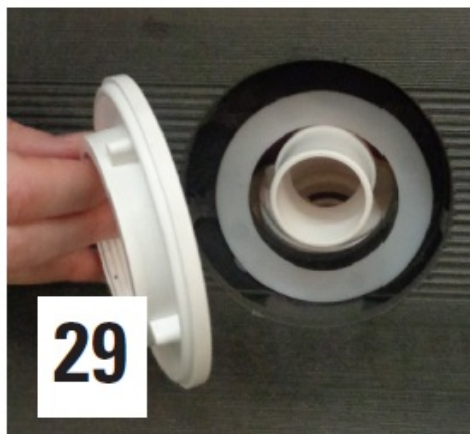
INSTALATION OF THE STRUCTURAL SYSTEM TRIM

- This is to cover the vertical posts (photo 22) to give the swimming pool a nicer aesthetic. The piece is for decoration only.
- Look for some brackets and screws (4 x 16 mm) that you will find in the bag (KITENV...).
- Screw the bracket as you prefer. In photo 23 there is an example. Use two screws for each bracket. This is sufficient.

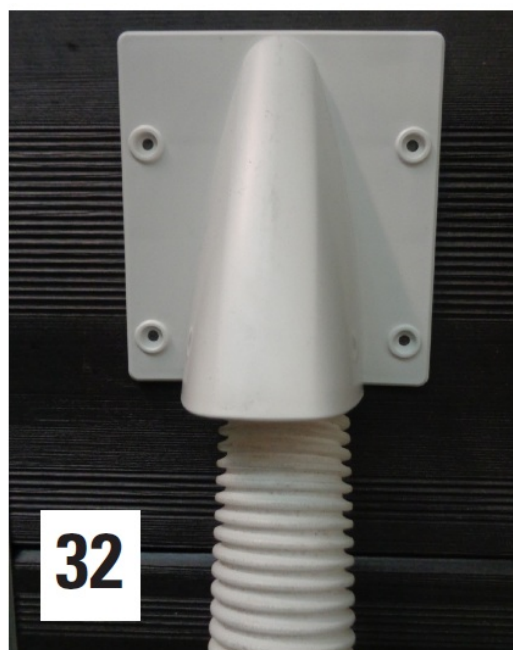


FITTING THE RETURN VALVE (V): (IMPELLER NOZZLE: V)

- This valve is located at the bottom of the pool wall, and the water is returned to the pool through it after being treated in the treatment unit. Start pouring water into the pool through a garden hose, and stop 4 cm below the bottom of the valve hole. Mark the position of the hole on the liner with a felt pen and make a cross-shaped cut in the centre of the mark with a Stanley knife or similar. Do not cut beyond the edge of the hole (Photo 25). The liner can also be cut before introducing the nozzle, making a circular cut supported at the back on a flat surface.
- Locate two return valves of the skimmer box. One valve has a flat finish, which can be used with the hose provided in the kit of your pool. The other return valve has a threaded finish. This should be used if you want to install a semi-rigid PVC pipe (not included). In this case, you will need a coupling to change from 38 mm diameter to 50 mm diameter. This can be found in your nearest DIY store.



- Insert the nozzle from the inside of the pool through the cut already made with a friction ring (F) and a gasket (J) once they are placed. This way, the gasket (J) is in contact with the liner. Cut the piece of the liner that is visible from the outside (Picture 26). The other gasket (J) is put into place from the outside, place it at the very back in contact with the liner (Photo 27). Place the other friction ring (F) (Photo 28) and tighten firmly with the nut (T). (Photo 29)
- To properly insert the nut from the exterior, the person located inside the pool holding the return valve, should slightly move backwards to fix the nut with the composite form the exterior. (photo 29 – 30)

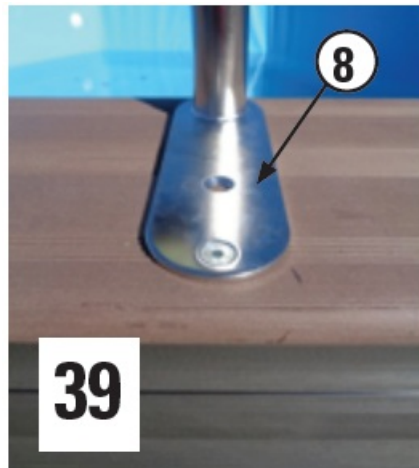


- Insert the return hose (M), which goes from the outlet of the treatment unit to the return valve (V), and secure it with the clamp (A) (photo 31). When the filtering is working, the safety cover must be installed as seen in photo 32. Use the screws included in the kit.
- Tip: You can use a 2 mm drill bit to make a guide on the panel, this way it is easier to screw it. It is advisable that it be attached once the filtration has begun. This way you can correct any problems you have with the filtration without needing to remove the trim.



ATTACHING THE SKIMMER BODY (S) TO THE OUTSIDE OF THE POOL

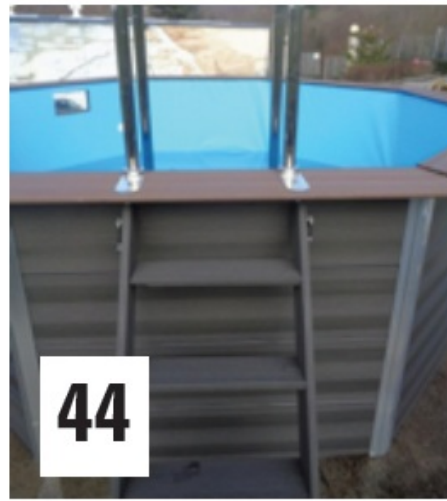
- Fill the pool with water until it reaches 4 cm from the bottom of the die of the skimmer. Affix the seal ring and position the skimmer frame. Screw it with a screwdriver. Using a Stanley knife, cut the bit of the liner (L) that the skimmer frame covers (only the inside bit).
- Finally, place the trim piece. Note that the trim has "max" and "min" markings. They indicate the maximum and the minimum level of water that your pool should have.
- Cover the connecting bushing (C) and the water treatment unit with Teflon. Screw the connecting bushing (C) tightly to the skimmer and connect one end of the hose to the skimmer connecting bushing (C) using a clamp (A). Then fit the other end to the treatment unit and clamp it.
- Important: Use Teflon on all water hose connection threads to ensure leak-tightness.
- Locate the aluminium trim for the skimmer. To secure it to the panel, take 8 screws (4 x 16 mm) from the box: KITENV.....



PLACEMENT OF THE INTERNAL LADDER

- Take out the ladder and follow the installation instructions. Think about where you want to have the entry for your swimming pool. You can also mount it and put it into pool without attaching the fastenings to see how it looks. Just support it on the shore.
- Look for two metal plates. These parts are essential to correctly affix the ladder. Put them on place panels (photo 37) and make a hole from the bottom using the proper drill bit N° 10 (photo 38).
- Place part 8, the fastening, so that it coincides with the hole. Use the short bolt and secure it with a nut and washer. (photo 39).
- Finish securing the plate by making another hole and securing it with a long screw bolt. (photo 40).
- Once one of the ladder's fastenings is secured, introduce the other fastening. Make a mark where the screw hole should be made. This step is very important, as it must match the distance between the ladder rails.





PLACEMENT OF THE EXTERNAL LADDER

- Remove the ladder from the box with great care. Look for 8 screws (4 x 25 mm) and two hooks in the box.
- Place the ladder against the pool wall (photo 41) and make a mark as shown (Photo 42). Measure 2 cm from the ladder and 1 cm from the marks of the panel. Here you will place to make the upper hole for the hook. It should look like the (photo 42).
- Look for the hook and insert it as shown (photo 44). Follow the same procedure to secure it to the handrail.

FILTER

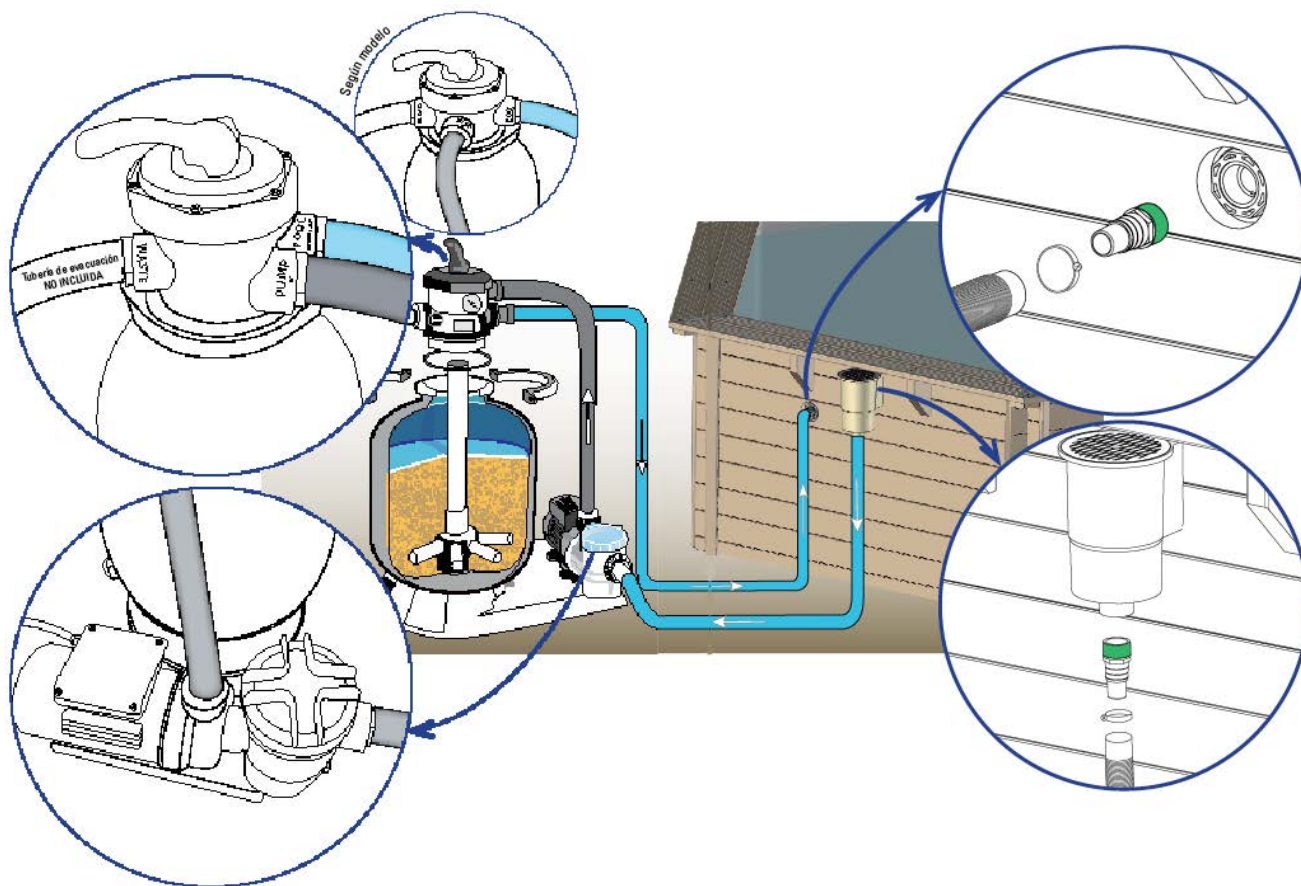
ASSEMBLY SUGGESTIONS

- The filter should be located at least 3.50 m from the pool.
- The following diagrams explain the movement direction of the water. Check the manual that comes with the filter group for the assembly instructions.

Note: Fill the filter with 2/3 of clean, calibrated sand: only one calibration is supplied guaranteeing good use of the filter.

1. The colours and connections of the filter can vary according to models. Check the specific manual

- The multi-directional flap determines the flow direction. The marks "PUMP", "RETURN", "WASTE" are engraved on the inlets and outlets of the pump. The installation of all the electrical systems should comply with the NF-C15-100 regulation. Check with the manufacturer for any modification of one or several filter system components. The suction pump should not be situated above the water level, because there is a risk of becoming deactivated.



All the threaded connections should be assembled with the watertight Teflon tape *, except the connection with O rings. The Teflon should be wound round the thread in a counter clockwise direction.

- **LAND-FILLING:** Finish filling the pool. The water level should be situated between the upper third part and the second half of the skimmer mouth.

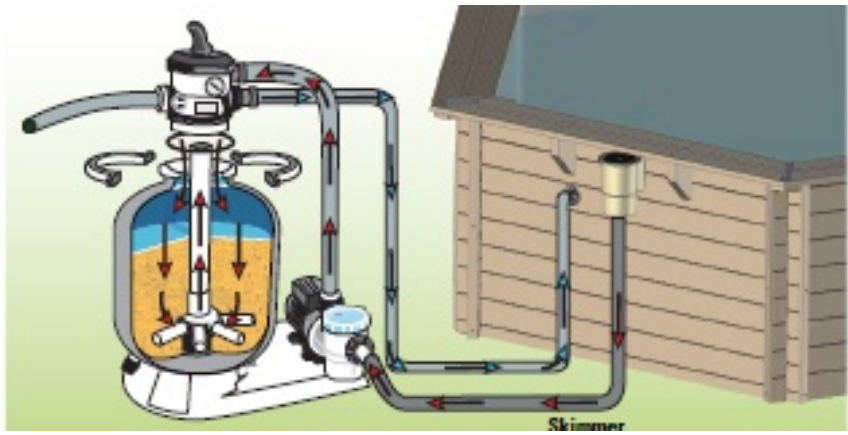
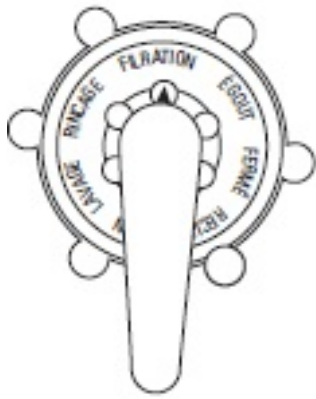
SAND FILTER

This is the oldest of filtering systems. The filtered water passes through the sand (calibrated silicon) that retains all impurities. This type of filter is equipped with a multi-directional flap that allows easy manipulations and cleaning.

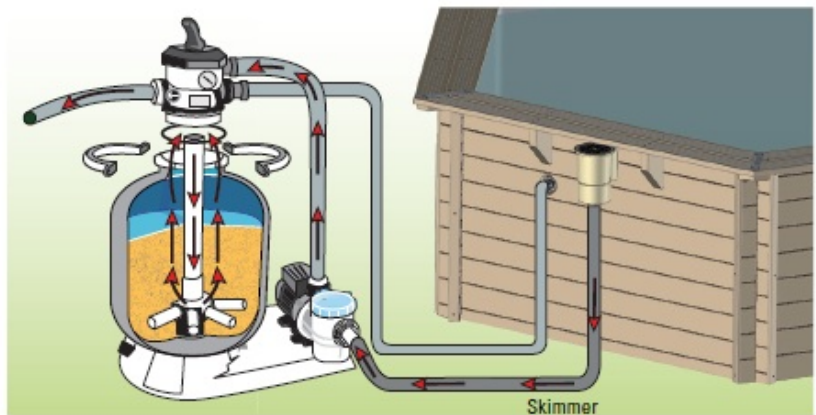
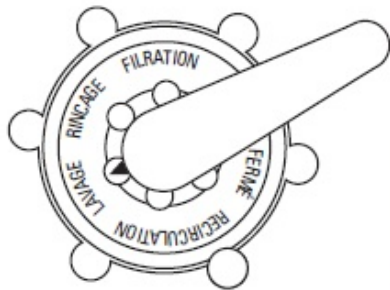
DIFFERENT POSITIONS OF THE MULTI-DIRECTIONAL FLAP (4 OR 6)

When you perform changes the position of the multi-directional flap that pump should always be stopped, without risking seriously damaging the filter and cancelling the guarantee.

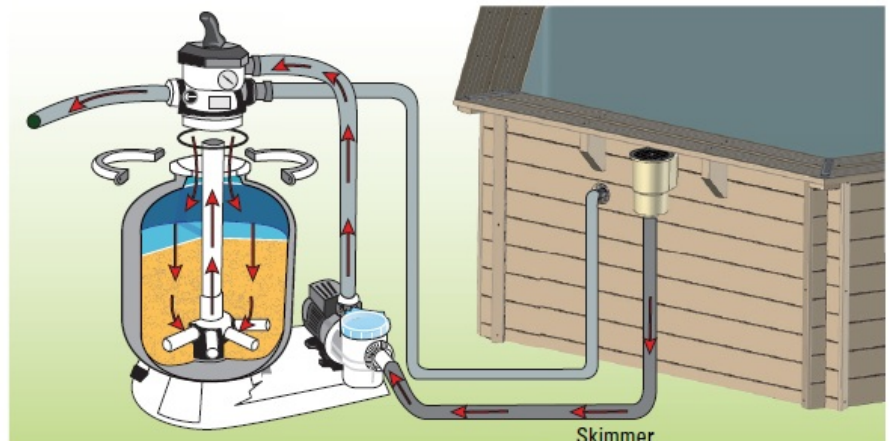
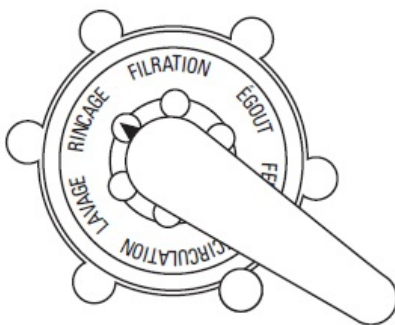
1. **FILTERING POSITION (OR FILTER):** Usual position of the flap that allows the water coming from the pump to enter through the upper part of the filter and circulate through the sand, where all its impurities are trapped. The water is collected in the mesh at the bottom and returned to the pool. The pressure gauge situated at the upper part of the filter allows controlling the pressure. In the case that the pressure increase 0.2 bar regarding the starting pressure, you will need to clean the filter.



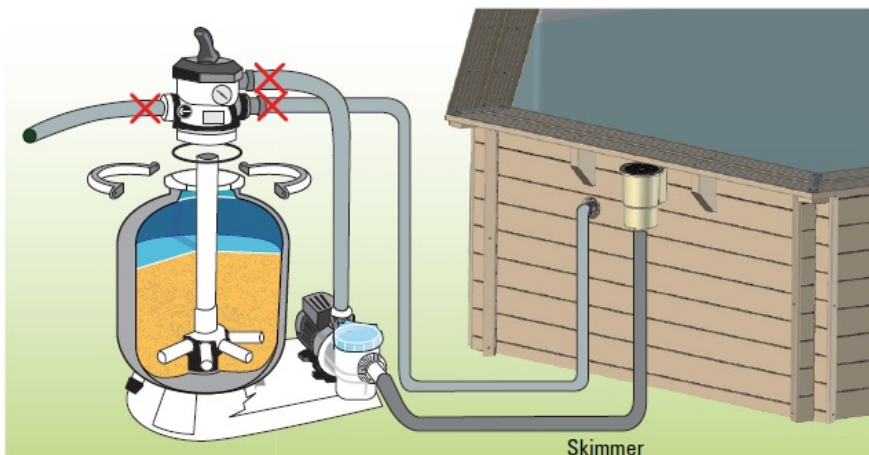
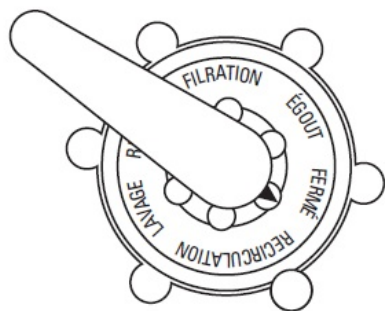
2. **WASHING POSITION (OR BACKWASH):** Sand washing position. Allow the water to circulate in reverse direction in the filter. The water enters through the lower part of the filter elevates the filtering mass and therefore collects all its impurities and because they are lighter than sand, they are evacuated through the upper part of the filter towards the drain. This operation should last between 2 and 3 minutes.



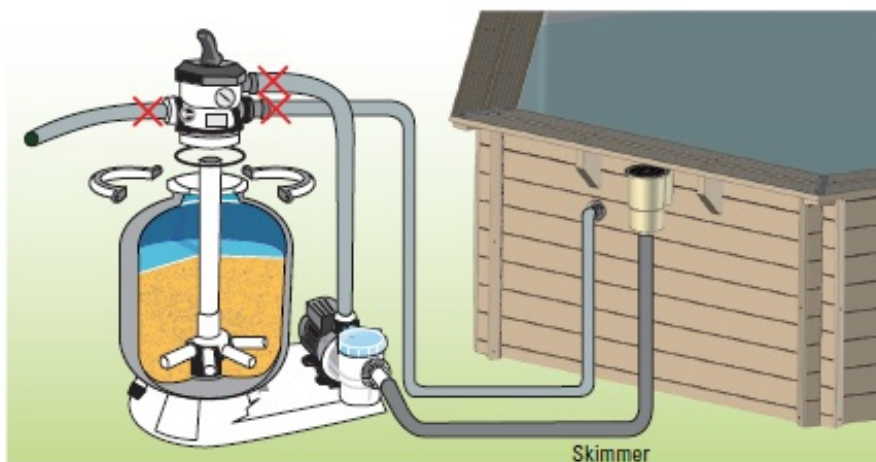
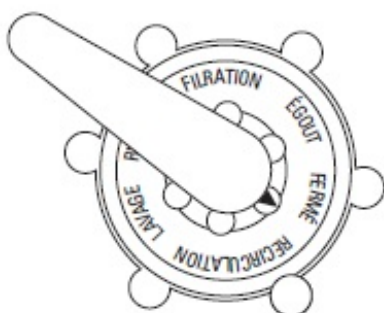
3. **RINSE POSITION / DRAINING OF THE FILTER** (OR RINSE):** Operation that follows washing the filter. When you have cleaned the filter, you should rinse and re-compress the filtering mass. In this position the water circulates through the filter as in the filtering position but is evacuated through the drain at the filter outlet. This operation should be performed between 20 and 30 seconds.



4. **EMPTYING POSITION / DRAIN (OR WASTE):** Position to evacuate the water of for emptying the pool. In this case, the water does not pass through the filter, it goes directly to the drain.

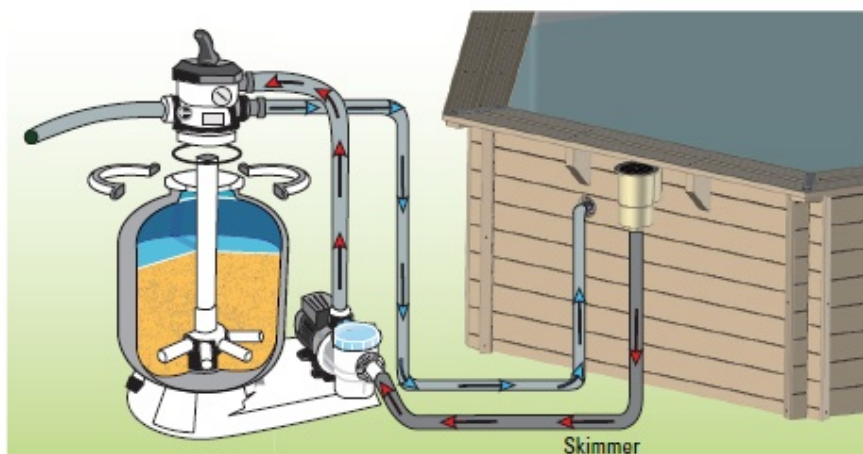
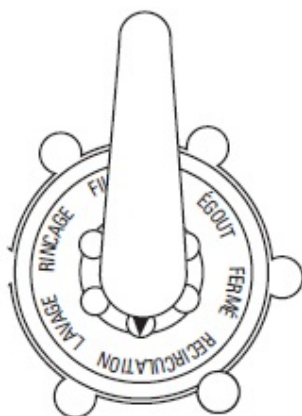


5. **CLOSED POSITION (OR CLOSED):** This position does not allow the water to pass and is used to put the pool into complete wintering when the filtering stops



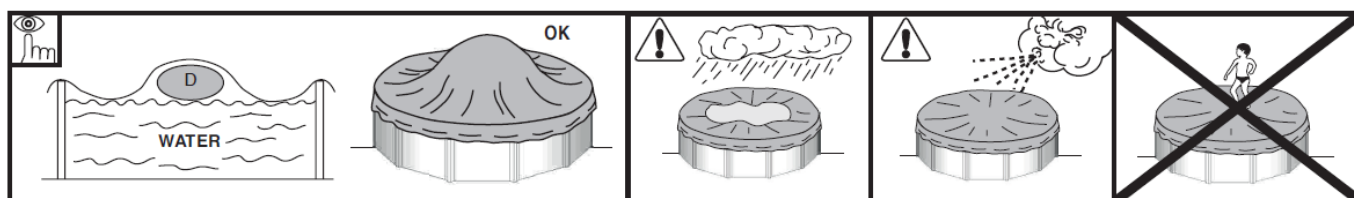
6. **RECIRCULATION POSITION / CIRCULATION**:** Position used so the water circulates through the hydraulic network without passing through the filter. This possibility is used to move the water if you want to add a product to the pool or if you should perform any operation in the filter, because in this case the filter is isolated and the water coming from the pump is directly expelled.

1. Some models are delivered with 4-way flap (available options: Filtering, Washing, Emptying/drain Closed or wintering).
2. These positions refer exclusively to the 6-way flap.



- You should never manoeuvre the multi-directional flap when the pump is working.

MAINTENANCE AND USE



RESPECT THE ENVIRONMENT

DO NOT TAKE APART THE POOL UNLESS IT IS STRICTLY NECESSARY. IF YOU DO SO, PLEASE REUSE THE WATER. WATER IS A SCARCE GOOD. When your pool reaches the end of its useful life, it should be disassembled; the different materials (plastic and steel) should be separated and taken to the disposal point indicated by local authorities.

MAINTENANCE AND USE

- Switch on the filter system once a day in to insure a complete water volume renewal and never do it when somebody is in the pool (see filter manual).
- Check the filter's level of clogging regularly in summer when the pool kit is in use.
- Check screws, nuts and washers (for rust).
- The pool water level has always to be hold in a minimum of 15 cm from the pool superior edge.
- Never empty the pool completely. Low water levels may cause serious damage to the pool.
- Failure to comply with the maintenance instructions may lead to serious health risks, especially for children.
- The use of a swimming costume entails respect for the safety regulations set out in the maintenance and user guide.
- Never leave a pool kit empty on the ground, outdoors.
- Clean regularly the P.V.C liner and the water level mark with non-abrasive products. Regularly clean the fold joining the bottom to the side of the liner, as it is an area where dirt accumulates. If you do by accident a small hole in the liner, you can repair it thanks to our rubber patches AR202 or V12.
- The isothermal covers (for the summer) protect your pool from insects, dust, leaves,... and avoid to loose the water temperature. Do always set it in order the bubbles are in contact with the water.

WINTER-SEASON

IF YOU CHOOSE NOT TO DISMOUNT THE POOL

1. Clean the liner bottom and sides with a non-abrasive product.
2. Treat the water with a chemical product for wintering. We recommend using LIQUID WINTERISER instead of floats with solid product to avoid discolouring the liner.
3. Leave the pool full of water considering
 1. For pools with skimmer and refilling pipe, reduce the water level 5 cm underneath the skimmer and close the refilling pipe with the screw tap which is included with the filter.
 2. For pools with exhaustion and refilling pipes, reduce the water level 20 cm from the superior edge of the pool and close the pipes using the screw system incorporated.
4. Disconnect the pipes. Do not dismount the skimmer and the refilling and exhaustion pipes.
5. Protect the pool with a winter cover, and put a floating element between the cover and the water, in order to protect it from frost.
6. Filter: disconnect it from the pool. Clean it, empty the sand or remove the cartridge, dry it and keep it in a

covered and sheltered from dampness place.

7. Accessories: remove every accessories (ladder, alarm, spotlight, pole...), rinse them with soft water and tidy them away.

- **TO RUN THE POOL AGAIN:** Remove the winter cover, install the filter, change at least 1/3 of water and realize a chlorine treatment. Switch on the filter for at least 8 hours in an uninterrupted way, respecting the continuous working period indicated in the filter manuals.

IF YOU CHOOSE TO DISMOUNT THE POOL

1. Empty the pool. Measures: Filter, Automatic pump for handling clean water or communicating vessels system. Communicating vessels system: Use the hose from your filter with the smallest cross-section. Fix a weight to one of its end and plunge it into the swimming pool. After this, sink the whole hose, until there is no air inside. With one hand, and under the water stop up hermetically the end of the hose and take it to the emptying point. Remove hand, and water will start running. Do not use this water for watering the plants, because it contains chemical products.
2. Clean every pool constituents with a sponge and a soap product with a neutral pH. Dry them and tidy them away in a dry and clean place. That's normal that after having installed and dismantled the pool several times, the P.V.C liner dilate and loose its elasticity.

- **TO RUN THE POOL AGAIN:** Read another time this manual instructions from the beginning.

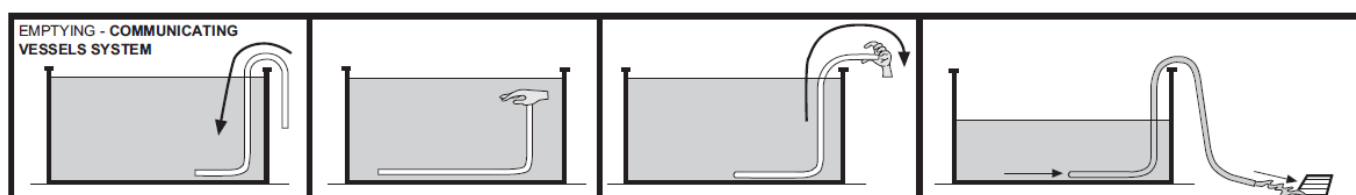
CHEMICAL MEASURES:

Please read carefully the chemical product manufacturer instructions.

WARNING: Keep chemical products in a clean, dry and out of children place. Important: Every products used have to be compatible with the P.V.C liner.


- First filling: Analyze the water pH and chlorine (Cl) and adjust them to the optimal levels: pH: 7,2 – 7,6; Chlorine: 0.5 – 2 ppm.
- Chlorine treatments: Consist in increasing the chlorine level until approximatively 20 ppm to eliminate germs and seaweeds. This process has to be done only when the pool water comes from rivers or ponds, ... or if it stayed a long time without any treatments.
- Checking: Check at least once a week the chlorine levels (use a chlorine and pH analyser). In the same way, we advise to add an algicid to prevent seaweeds appearance. Never have a swim before the chlorine level stabilization. Do always use a floating dispenser for the chemical product (tablets) dissolution. The chemical product measuring out has to be done in accordance with: Your pool water volume, the bathe frequency, the climatic conditions, the water temperature and the location. Do always move the water and wait for the chemical product dissolution before adding another one. Wait approximatively 12 hours between any pH, chlorine or algicid adjustment using the filter system.

PROBLEM	CAUSE	SOLUTION
Muddy water	Bad filtration. High PH. Organic residues in excess	Realice un contralavado del filtro. Añada CLARIFICANTE en pastillas en un dosificador. Realice una Cloración de choque.
Green water	Seaweed or mud formation	Cepillar suavemente el fondo y las paredes de la piscina. Analice el PH y ajústelo entre 7,2-7,6. Añada ALGICIDA y CLARIFICANTE LIQUIDO.
Brown water	Presence of iron or manganese	Analice el PH y ajústelo entre 7,2-7,6. Realice una CLORACION DE CHOQUE. Añada CLARIFICANTE LIQUIDO.
Incustrations	Presence of Calcareous in the water	Analice el PH y ajústelo entre 7,2-7,6. Añada una vez por semana ANTICALCAREO.
Itchy eyes and skin irritations. Bad smell.	Misadjusted PH. Organic residues in excess	Analice el PH y ajústelo entre 7,2-7,6. Realice una CLORACION DE CHOQUE.













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Documents / Resources

	<p>Gre KPCOR28 Composite Square Pool [pdf] Instruction Manual</p> <p>KPCOR28 Composite Square Pool, KPCOR28, Composite Square Pool, Square Pool, Pool</p>
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References

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- [Edilmaggio Piscine](#)
- [JollyGame](#)
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- [Mondo Piscine](#)
- [Home | Risaliti.com](#)
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-  [Gre Pools](#)
-  [Formular für den Kundendienst 1 | Gre Pools](#)
-  [After Sales Service Form 1 | Gre Pools](#)
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