



ASSEMBLY INSTRUCTIONS



ABOVE-GROUND POOL SERIES CANARIAS & ROUND MAGNUM

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ATTENTION: READ THESE INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING YOUR SWIMMING POOL. THESE SAFETY INSTRUCTIONS MUST ALWAYS BE FOLLOWED BY ALL POOL USERS. KEEP THESE INSTRUCTIONS FOR FUTURE CONSULTATION. REMEMBER THAT CHILDREN'S SAFETY DEPENDS ON YOU! HIGHER RISK TO CHILDREN UNDER 5 YEARS OF AGE. BEWARE THAT IF INSTRUCTIONS ARE NOT FOLLOWED THIS MAY CAUSE AN ACCIDENT AND/OR INJURY, ESPECIALLY TO CHILDREN!

SAFETY GUIDELINES



- Do not install the swimming pool on balconies, terraces, roofs, areas prone to flooding or surfaces that are not completely safe.



- It is important to place the swimming pool near a drain to prevent possible flooding. Remember that the pool is a large water tank. If it is placed unevenly, pressure might cause its wall to collapse which would release a high quantity of water and cause considerable damage to property or injury to any person/s nearby.



- This swimming pool is designed for private use only and not for commercial purposes.



- To avoid the risk of drowning or injury always supervise young children.



- Do not attach toboggans or springboards to the pool.



- Do not dive or jump headlong into the swimming pool from a ladder, a ledge or anywhere else.



- Do not lean, sit or walk along the edge, it has not been designed for this.



- Do not use the swimming pool if you have consumed alcohol, drugs or medication.



- Do not use shoes made of metal or sharp parts.



- Do not place tables, chairs or other objects near the swimming pool. They might give children easy access to the swimming pool and cause injuries or drowning.



- Do not cut holes in the wall of the swimming pool in order to install lights or anything else that could cause serious injury, electrocution or property damage. Failure to observe this advice may result in damage to the wall.

- Never use the swimming pool at night or with low visibility.

- The swimming pool's water must be kept clean so that the bottom is always visible.

SAFETY TIPS (STANDARD REGULATION)



Monitor and act



- Close and constant supervision of children is a must.

- Designate one supervisor for safety and strengthen supervision when there are more people in the pool.



- Give lifesavers to people who cannot swim.



- Teach your children to swim as soon as possible.



- Wet neck, arms and legs before entering the water.



- Learn First Aid, especially First Aid for children.



- Forbid dipping and jumping into the swimming pool in the presence of children, as well as running and rough games near the swimming pool.

- Do not authorise access to the swimming pool without lifesaver armbands or vests for children who cannot swim well or are alone in the water.

- Do not leave toys near and/or in the swimming pool without monitoring.

- Always keep the water clean and unpolluted.

- Place water treatment products out of reach of children.

Prevent



Some equipment may help with personal safety, however it should not replace adult supervision.

Place:

- a fence around the pool whose gate is always closed;

- an accessible phone near the swimming pool;

- a rubber ring and a pole near the swimming pool;

- a manual or automatic protection cover properly installed and set and,

- an electrical device to detect falls or someone walking towards the swimming pool.



In case of accident



- Take the child out of the water immediately.

- Find help as quickly as possible and follow the instructions given.

- Replace wet clothing with dry clothing.



- Memorise the emergency phone numbers such as firefighters, Red Cross, Civil Defence, ambulance, medical centre, etc. and place them near the swimming pool.

Attention: Filtering of water follows the installation standard NF C 15-100 which states that all electrical devices located within less than 3.50 m. from the swimming pool and which are freely accessible must be powered with low voltage, 12 volts. Any device powered with 220 V must be located at least at 3.50 m. from the edge of the pool. Permission from the manufacturer must be requested in order to modify one or all the elements of the filtering system.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

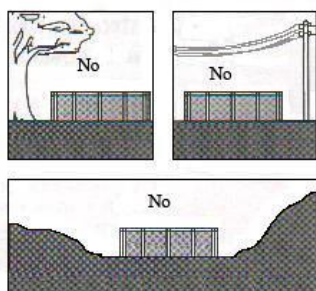
If you have any questions on installation, please get in touch with: s.tecnico@torrenteindustrial.com

ADVICE FOR THE CORRECT INSTALLATION OF THE SWIMMING POOL

1. Take your time and read the instructions carefully before installation. Follow them.
2. This pool must be installed outdoors on a firm, hard-wearing and levelled floor. (Read "Warranty").
3. This set has been conceived and designed to make installation easy. The final result will depend on the care and attention given to the installation. If these instructions are followed, the swimming pool will be preserved in good condition for a long time.
4. Check your local regulations and make sure to have a building licence, if necessary. Check the electrical and local building regulations regarding the installation of above ground pools.
5. Remember that your pool is like a large water tank. If the pool is filled above the safety limits, the pressure can collapse the wall, releasing a large amount of water and causing considerable damage to property or to any person/s nearby.
6. This type of pool contains a large amount of water, therefore its weight is considerable. Take all possible safety measures to prevent accidents. To calculate the approximate weight of your pool and its water capacity, take into account that one litre is equivalent to one kilo.
7. Classify the components of the pool and make sure that you have the required tools before beginning installation.
8. Two adults are required in order to install the pool properly.
9. Installation time between two people is about 4 to 5 hours depending on the model.

DETERMINING THE LOCATION OF THE POOL

Never install the pool below ground level. If you do not have a large or flat enough surface area for your pool, then choose a place where you have to dig as little as possible. To flatten the chosen area, it will be necessary to remove the higher surface area in order to level it with the lowest level and not the other way round.

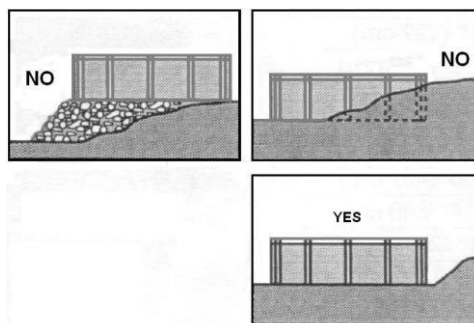


Install your pool in a sunny area at least 6 metres away from any electrical power point.

Do not install the pool underneath electrical wires and make sure before you start digging that there are no underground electrical or phone cables or gas pipes.

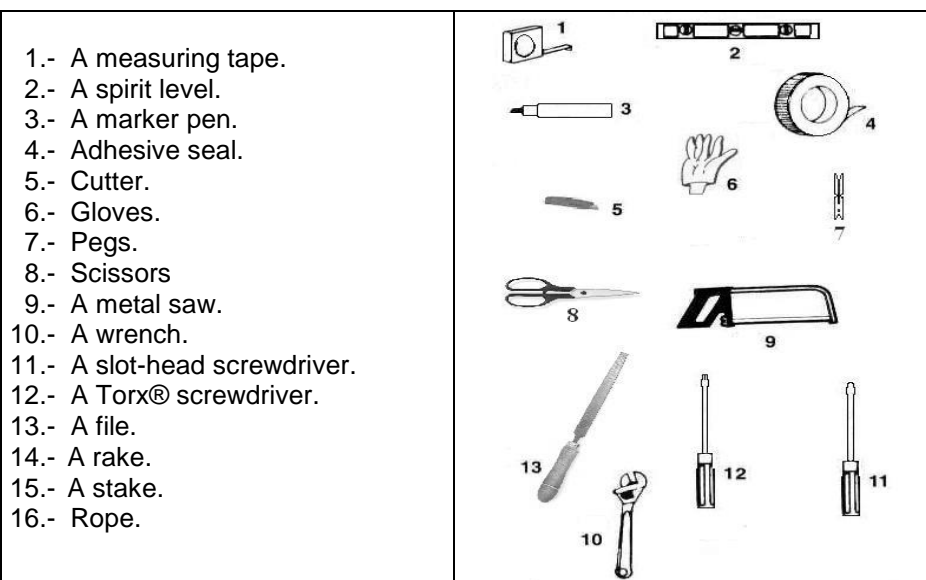
Do not install the pool under trees since branches, falling leaves and resin can be a constant problem regarding water maintenance. The further away from trees, the better for your pool.

Avoid installing your pool in areas prone to flooding or on soil recently treated with chemicals.



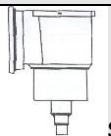

Important: Choose carefully the location of your pool. Make sure that the distance to other adjoining facilities (houses, fences, etc.) is appropriate. Make sure the ground is levelled. Contact the competent authorities in order to receive information related to the installation of a swimming pool in your home.

TOOLS (not included)



LIST OF COMPONENTS

COMPONENTS: Remove and sort out the components of the pool before starting installation.

	Ø 230x120	Ø 350x120 350x132	Ø 460x120 460x132	Ø 550x120 550x132	Ø 640x120
L	1	1	1	1	1
CH	1	1	1	1	1
TO	31	31/33	31/33	31/33	31
AR	31	31/33	31/33	31/33	31
TU	31	31/33	31/33	31/33	31
T1	10	10	10	12	14
T2	10	10	10	12	14
PL	9	12	16	18	21
PBS - white	5	8	10	12	14
PCA - blue	10	10	10	12	14
HOR	10	10	10	12	14
VER	10	10	10	12	14
EMB	10	10	10	12	14
TO2	90	90	90	108	126
BU	20	20	20	24	28
 SK	1	1	1	1	1
 VR	1	1	1	1	1

PREPARING THE AREA BEFORE INSTALLATION

For this type of pool it is advisable to build a platform of concrete, the size of your pool plus 30 cm for safety (see table below). This platform must be **COMPLETELY HORIZONTAL WITHOUT SLOPING**. VERY IMPORTANT: Do not install the pool on a plate of expanded polystyrene or similar.

- Directly on the ground, preconditioning must be followed as detailed below:

Material required to mark: a stake, rope, a funnel (bottle) and lime or flour or similar. Check the area where you are going to place the pool. Use work gloves for safety.

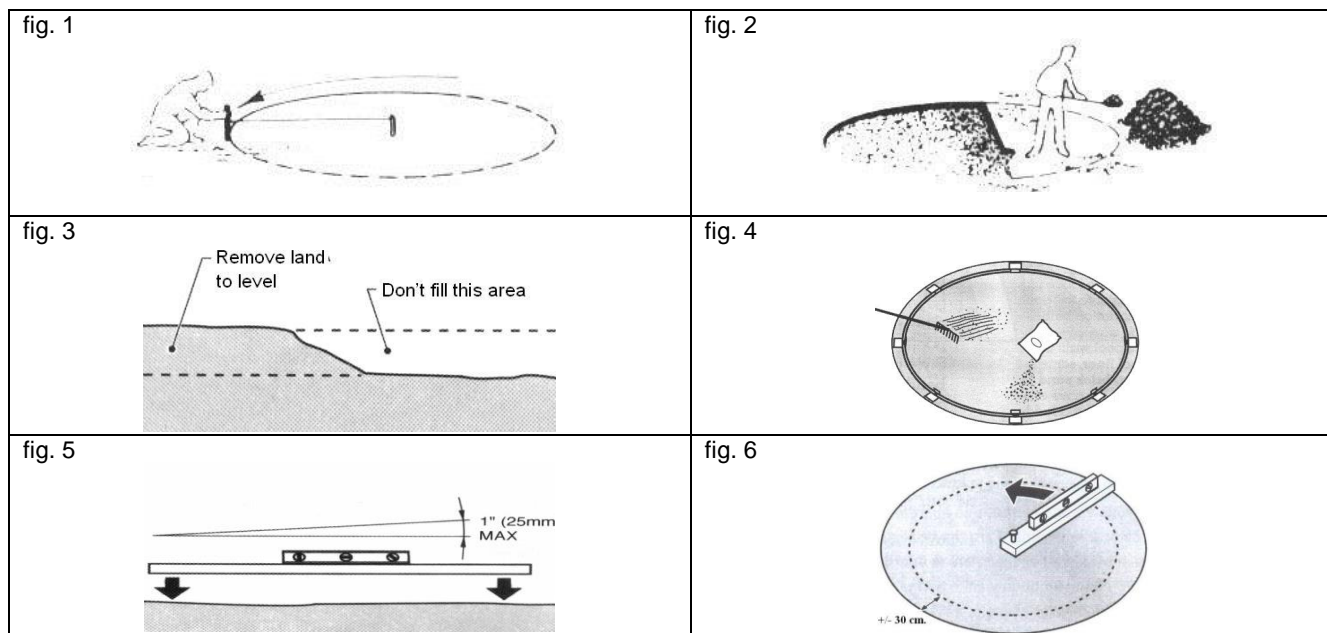
- Drive the stake into the ground, tie the rope equal in length to the radius of your pool, ± 30 cm. margin. Draw the circumference of your pool with chalk or lime or a bit of flour and a funnel, fig. 1.

- If you have to level the ground, do not fill in the holes, instead remove the soil from the higher surface area to level it to the lowest surface area and not the other way round. In any case, remove roots, grass, stones and any sharp objects, fig. 2 and 3.

- With the help of a rake or a wooden board, even out the area and fill in the holes with sand, fig 4.

- With the help of a level and a wooden board check regularly that the ground is 100% levelled. Even out the entire surface to the same level as the lowest area. Fill in with fine sand and level the area again, fig. 5.

- Finally, apply and sift a thin layer of sand on the surface area. With the help of a wooden board, spread out the sand while at the same time evening out the area. Then flatten the area along the circumference as in fig 6.



LOADING THE BOTTOM BLUE CURVED GUIDES

a) Tiles are optional. When the pool is placed on the ground, the tiles must be placed on motherboards T1 (ref. 570), one per each of the vertical columns of your pool. It is recommended a 30x30 cm tile, one tile per column.

b) Place temporarily the bottom blue curved guides (PCA) and T1 base around the plates of the circle, fig.7. Each motherboard will indicate where to place the tiles. Make a mark on the floor next to each of the plates.

c) Remove the bottom guides and base plates and place the tiles around the circle where the motherboards were, fig. 8.

d) The tiles have to sink into the ground so that the entire floor is levelled around them, fig. 9. Use a spirit level and a wood line to make sure all the tiles are flush with each other.

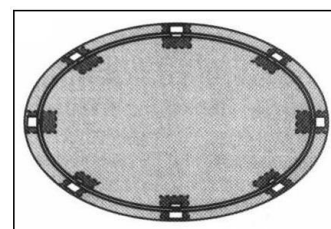


fig. 7

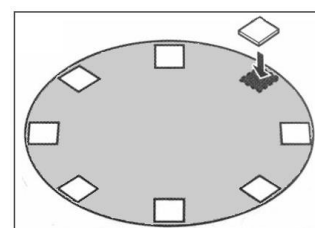


fig. 8

PLACEMENT ON THE PLATFORM (recommended)

Make the platform 30 cm larger as a safety margin. Locate the centre of the platform. On the central point, tie a rope equal in length to the radius of your pool. Make the circumference of your pool with chalk, lime or flour and a funnel, fig. 1.

e) Place each mark around the perimeter of the equidistant plates on a T1 basis. If the tiles are optionally used, place a base plate on each tile T1, Fig 8.

f) Place the bottom blue curved guides (PCA) on the motherboards (T1). Leave a space of about +/- 9 mm, fig. 11, 12, 13, between the edge of each guide. Check your pool measurements with a meter, fig. 14.

Tip: To keep the distance between the edge of each guide (PCA), place a piece of +/- 9 mm. (i.e. with a few pieces of wood 9x9 mm) between the bottom blue curved guide (PCA) and the motherboards T1. Place the metal strip and move the piece a little, but without removing it completely. When placing the vertical profile, completely remove the piece.

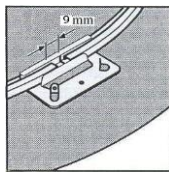


fig. 13

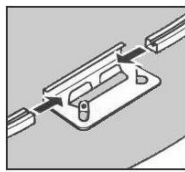


fig. 12

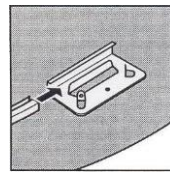


fig. 11

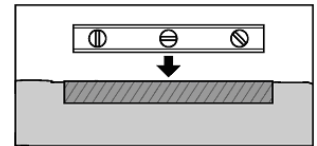


fig. 9

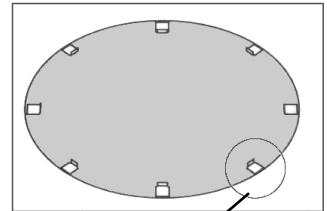


fig. 10

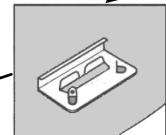
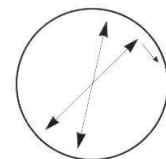


fig. 14



ASSEMBLY OF THE STEEL WALL (CH)

VERY IMPORTANT: Do not fold or wrinkle the steel wall during installation. Unfold it very carefully. Put cardboard under the metal wall in order to unfold it easily and to stop it from being scratched when in contact with the floor (a possible cause of rust).

Installation must be done by at least 2 people on a sunny day with no wind. During installation, do not fold the metal wall and handle it very carefully.

Do not unfold or break the lower or upper guides during the assembly of the pool.



Very important: Please wear gloves during the assembly in order to avoid injury with the metal edges.

a) Place the steel wall vertically (CH) (the inner sticker of the wall facing upwards) on a cardboard at the centre of the circle. This will make it easier to unroll and will avoid scratch marks underneath the wall, fig. 15. The cast of the skimmer is at the end of the roll of the wall.

b) Start to unroll the wall by placing it into the bottom blue curved guide (PCA) fig. 16. The top of the wall should be placed on the motherboard T1, as centred as possible. This way when we close the circle and put the screws, they will be hidden in the column.

c) Fix the wall around the entire circumference until the whole wall is placed into the bottom blue curved guide (PCA).

d) Put together the two ends of the steel wall so that you can close them with the screws in both holes (TO) (the screw head on the inner side of the pool), always leaving the washers (AR) and nuts (TU) on the outer side of the pool, fig. 17. (ref. 497 -. 500 magnum ref.).

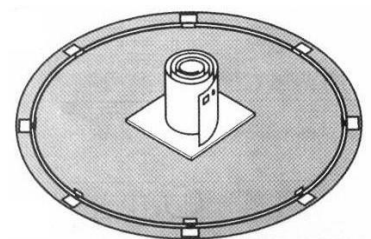


fig. 15

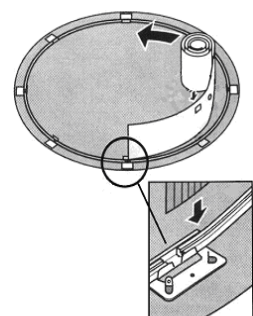


fig. 16

Important: You must place all the screws in the metal band, attach the screws from the bottom up, leaving the top hole without placing the screw. Tighten all the screws with a screwdriver and a wrench to measure. If the installation and tightening of the nuts and bolts is not correct or all the screws have not been placed, the pool's warranty will become void.

e) Cover the ends of the joint, the joint of the wall (inside the pool) and the screws with a PVC strip in order to protect the liner from friction which is usually the main cause for tears in the liner, fig. 18. This strip must be firmly stuck to this area, if necessary, use masking tape or similar to hold it to the wall.

f) Make sure the pool is round before starting the next step, fig. 19. Check that the guides are an exact circle that fits the circumference drawn previously in the step PREPARING THE AREA BEFORE INSTALLATION.

g) Prior to the installation of the liner spread a thin layer of sieved sand (no stones) on the inner area, with a thickness of 5 cm. Use a rake to ensure that there are no depressions or slopes, fig. 20

h) **Important:** Place clean sand (no stones or foreign objects), creating a triangular wedge of 20 cm base x 20 cm height, (VERY IMPORTANT: DO NOT use fine-grained sand or beach sand). This will avoid water pressure from damaging or sliding the liner below the steel wall, ensuring that everything is evenly distributed, fig. 21. Failure to put this sand wedge voids the warranty.

Advice: Before placing the liner it is advisable to put a carpet (plastic, blanket, artificial turf...) between the sand and liner for added protection.

VERY IMPORTANT: Before placing the liner, cut the skimmer hole with a metal saw or scissors, taking as reference the holes of the wall. File down the edges to avoid the liner being damaged or cut, fig. 22.

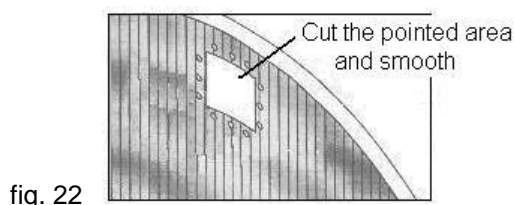


fig. 22

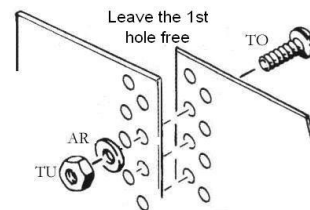


fig. 17

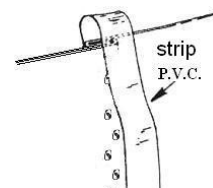


fig. 18

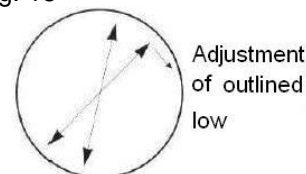


fig. 19

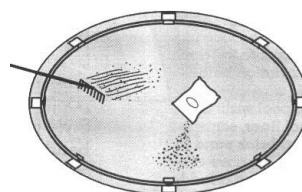


fig. 20

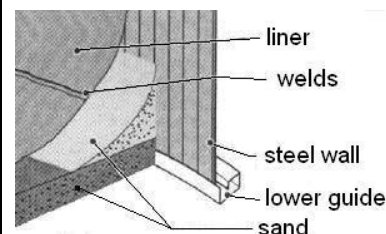
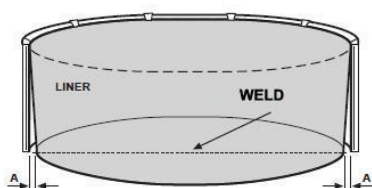


fig. 21

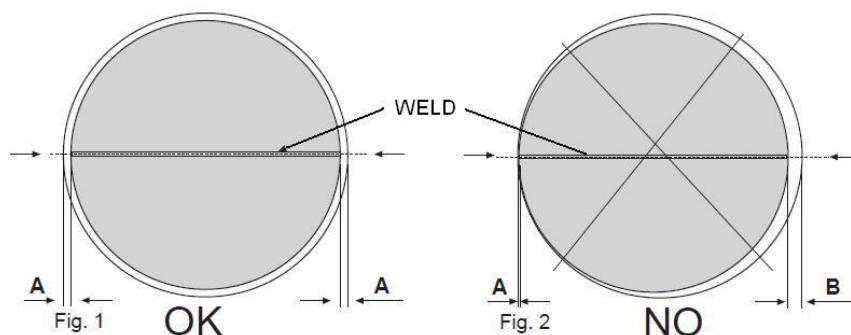
INSTALLATION OF THE LINER

For a correct installation, the liner must be perfectly centred taking as reference the base of the pool and have the least possible creases.



1- The welding centre line that appears at the base of the liner must be completely centred (Fig. 1) by matching the ends of the welded metal plates that connect the lower guides of the pool.

2- The distance from the liner to the steel wall must be the same in the two curves (AA, fig. 1) so that it can adjust the liner wall equally in the two curves.



INSTALLATION OF THE POOL LINER (L)

Important: Install the liner with two or more people. The PVC used for our liners has been designed to be exposed to the sun and UV rays for a long period of time. Depending on the use given or the weather conditions, the characteristics of this material may vary slightly.

Never walk on the liner with shoes or leave your tools or components on the liner. Any puncture produced during assembly voids the warranty of the liner. SEE WARRANTY OF THE LINER.

The liner is the most important and delicate part of the swimming pool. Do not use knives or sharp objects to open the swimming pool package. Carefully separate the liner from the rest of the components and keep it in a safe place to avoid undesired punctures, tears or any other damage that could be caused by tools or the steel wall.

Install the liner on a sunny day with a minimum temperature of 20°C so that it is warm and can be easily unfolded during installation. It is made of a highly flexible vinyl material.

a) Place the liner (L) at the centre of the swimming pool and unfold it towards the edge. Place the rough side on the outside. The welded part that joins the base of the liner with the edge must match perfectly the lower sections and the wall around the inside perimeter at the bottom of the swimming pool, fig.23.

b) Locate the side welding (SL) so that it is perfectly straight and perpendicular to the ground. This will help you to place the liner without creases. Pull all the excess of the liner delicately, do not pull too hard. The liner must be centred, well extended and without wrinkles, fig 24.

c) Lift the side of the liner that covers the upper edges of the swimming pool and fasten it to the top of the wall with pegs. Remove the creases by pulling smoothly outwards and adjust the liner. Flatten the pool liner with your hands. Start filling the pool with water, but only up to 2 cm. Make sure that the pool wall is straight. If the level is off by more than 20 mm. across the diameter of the pool, empty the pool, take the wall apart and level the foundation again.

Add 25 cm of water and smooth out all the creases and tighten the liner to the wall. Fasten the liner with the plastic copings (PL) and remove the pegs at the same time. Let the liner hang slack for now. Remove the plastic copings around the top edge of the wall one piece at a time and adjust the liner.

When all the PL copings have been installed, mark with felt pen the overlapping part, fig. 25, remove the copings and trim the extra length so there is no overlap. Install the last plastic coping again. Then install the white profiles (PBS) on the plastic copings (PL), fig. 26.

Important: If your pool includes the decorated band, place it as instructed in the manual, before installing the upper profiles (PBS).

IMPORTANT: CHECK that the water is evenly distributed. If there are any puddles, this means that the ground has a depression. If the water accumulates on one side, this means that the area is uneven. In that case, the pool must be emptied and dismantled completely and the installation must begin again so that the ground can be levelled.

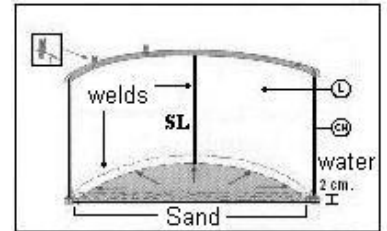


fig.23

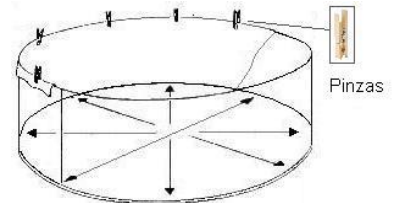
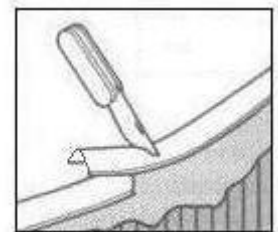


fig.24



Cut PL made-to-measure

fig.25

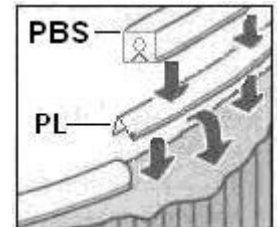


fig.26

INSTALLING THE VERTICAL PROFILES (VER)

a. Line the bottom of one of the vertical profiles (VER) (1) with the two small tabs on the motherboard plate T1 (2). The tabs must be inside the vertical profile, fig. 27.

b. Align the holes for the screws TO2 (3), (550 ref -. Mod 230th / 350th / 460th - Ref. 551 -. Mod 550th - Ref. 552 - Mod 640th), on both sides of the vertical profile, making sure to fix the holes inside the tabs of the T1 plate (2), fig.

27. VERY IMPORTANT: DO NOT ANCHOR COLUMNS TO THE FLOOR WITH BOLTS OR WITH FASTENING ELEMENTS. The warranty will be void when anchoring down the pool.

c. Put a top plate T2 (4) (ref. 571) onto the top edge of the pool wall and the vertical profile (VER) with the tabs inside the profile, fig. 28.

d. Align the holes for the TO2 (6) screws (fig. 28) to the three holes of the vertical profile, making sure to fasten the holes in the tabs on the T2 plate (6).

e. Repeat steps a, b, c, d for the rest of the profiles around the pool.

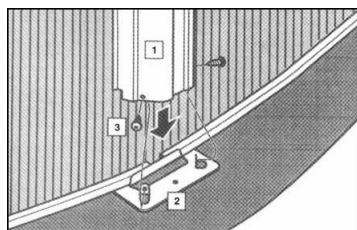


fig.27

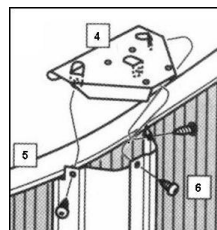


fig.28

INSTALLATION OF THE TOP PROFILES (HOR)

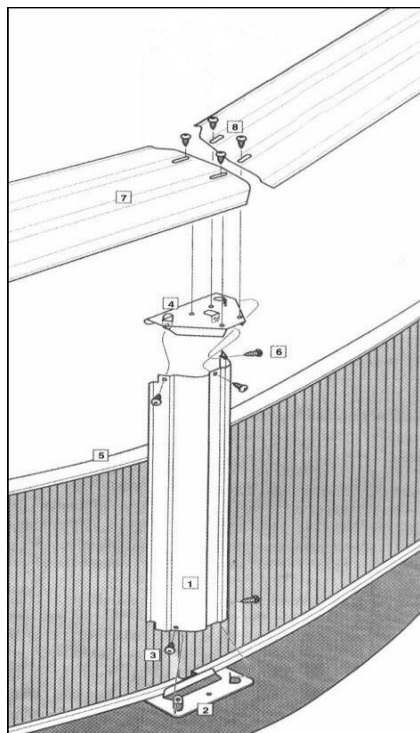


fig.29

- Place a top profile (fig.29-30) with one end on top of the top plate. The side of the top profile facing the centre of the pool should be close to the pool liner and the pool wall. The side of the top profile facing the outside of the pool will form a large overhang.
- Line up the holes as shown. Fasten through the two oval holes to the top plate below with two screws (fig.26). Do not tighten the screws yet. Leave the screws slightly loose until all the top profiles are in place.
- Repeat the last two steps for the other end of the top profiles. Repeat previous steps to install the rest of the top profiles around the top of the pool wall. Make the pool settle into a perfect circle by pushing the top of the pool wall vigorously inward at each vertical profile (this will help make the bottom of the pool wall shift into a perfect circle).
- Adjust all the top profiles until they are lined up evenly with each other and tighten all the screws, fig. 31.

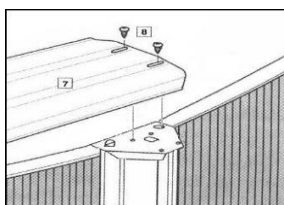


fig.31

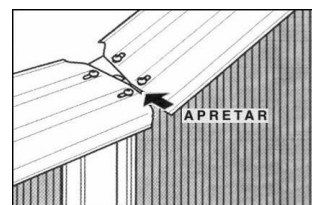


fig.30

INSTALLATION OF THE TOP CONNECTORS (EMB)

Line up a one-piece top connector onto the ends of two top profiles. Hook the top connector under the inside edges of the top profiles (photo 1, 2, 3). Bring the top connector down into place and pull out the front tabs to fasten it under the outside edges of the top profiles. Repeat the three steps for the rest of the top connectors.



photo 1

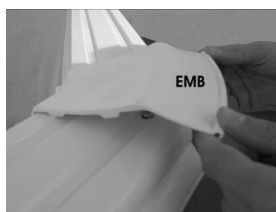


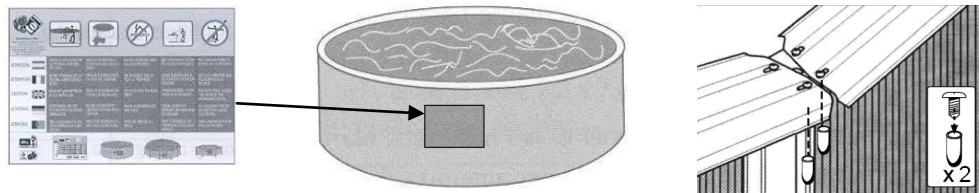
photo 2



photo 3

FINAL DETAILS

- The warning sticker must be placed on a visible area, for example, next to the ladder, fig. 32, 33.
- Place the cap (BU) to the ends of the screws at the bottom of the profiles, fig. 34. (ref. 4906 / ref. 4907 mod. 550 Ø).



- Attach the ladder according to the assembly instructions, put it in a place intended for entry and exit from the pool and if possible visible. Remove the ladder after use.
- Assemble the filtration unit following the instructions. The filtration equipment must be separated from the pool by at least 3.5 meters once it has been connected to the pool by hoses.

INSTALLING THE RETURN VALVE (VR)

The return valve is an element which brings back the filtered water from the filter system, fig. 35. Important: Place Teflon® on all threads. Teflon® excess may break the components. Remove the rear fitting of the return valve and place Teflon®, screw all the way.

1) Once the water is at +/- 10 cm. below the lower edge of the valve, mark the hole in the liner with a felt pen and with a sharp blade, cut the liner carefully into a cross-shape from the inner wall of the pool towards the outer wall, without going past the punched hole.

2) On the return valve (A), once the seals are placed, the rubber (B) is introduced into this pre-cut hole, from the interior wall to the exterior wall. Cut the piece of liner that hangs on the external side.

3) Place the rubber washer (C) on the outer wall, put Teflon® on the threads and tighten firmly with the large nut (D) inserting Teflon® and the return hose (E), which runs from the filter system to the return valve (a) and secure it with a clamp (H).

For better filtering we advise you to direct the water. In order to do this, you will have to loosen the washer (AR), move the swivel ball (BO) slightly upwards to one side of the pool and tighten the washer (AR). In this way impurities will be directed towards the skimmer.

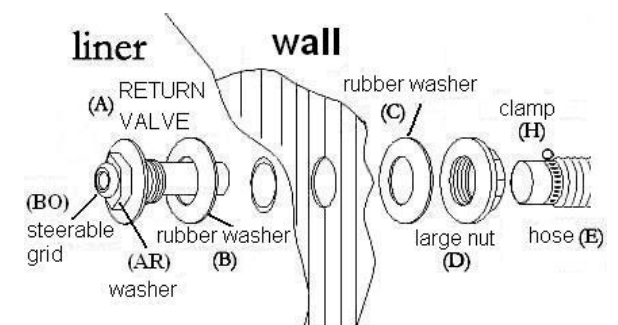


fig. 35

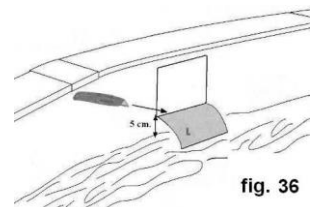


fig. 36

INSTALLING THE SKIMMER (SK)

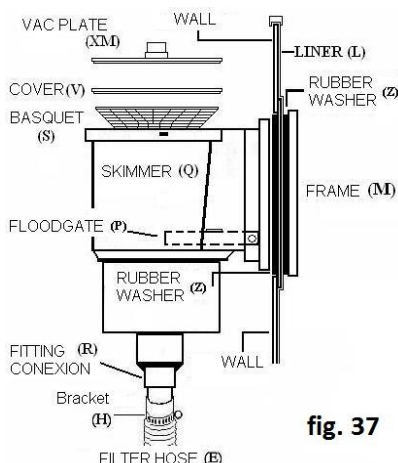


fig. 37

Keep on filling the swimming pool with water up to 5 cm below the skimmer hole. With a felt pen mark on the liner the square hole for the installation of the skimmer and cut the piece of liner marked with a sharp blade.

Place the double rubber washer (Z) on the steel wall. The steel wall and liner must go inside the grooves of the washer. Next, install the skimmer frame with the screws. Make sure that all the holes are lined up (washer, hole and skimmer). Fix the holes with the screws one after the other until a perfect match is made, but do not tighten them up too much. Start fastening and finally tighten the screws firmly following the same order.

Cover the frame (M) threading with Teflon® and fasten it up firmly into the skimmer. Fix one hose end to the frame (M) with a clamp (H). Connect the other hose end to the filter water inlet and tighten with a clamp.

It is important to use Teflon® for all threadings so as to make sure that it is waterproof. Install the gate (P) with a screwdriver. Finally, place the basket (S) inside the skimmer and the lid (V) on top of it.

CONNECTING A VACUUM CLEANER TO YOUR SKIMMER

For filters with a minimum capacity of 6 m³/h, install the filter adapter (XM) on the basket (S) inside the skimmer (Q). Connect one hose end to this adaptor and the other end to the vacuum cleaner (or robot, if your filter capacity allows this). Connect the vacuum cleaner to a stick or a pole.

Fill the swimming pool up to halfway of the skimmer gate so that the water will go inside the skimmer and fill the filtering system.

WATER MAINTENANCE

All swimming pools need chemical treatment to maintain the sanitised and crystal clear water. Check with your chemical products supplier to determine which are best for your needs. Water treatment procedure is not the same everywhere since it depends on the water quality in each region.

WARNING: An incorrect treatment may cause water pollution which can result in infections, poisoning or disease.

The best water quality is obtained by using the right treatment. To prevent the growth of algae and bacteria, use bactericide, algaecide, water pH correctors and flocculants (except for cartridge filters). Apply the first chlorine treatment within 24 hours of filling in the pool.

Never add chemical products directly to the water. Chemicals must be diluted before being introduced into the water. Otherwise the liner could be damaged. However, it is easier to keep the water clean than to clean already polluted water. Use your filter frequently.

Water maintenance is the most important factor in making your pool liner look excellent and last for a long time. Therefore, follow the instructions in the filter manual. The filter capacity must be high enough to filter the water of the pool 3 times every 24 hours. The filter must be connected even when there is nobody in the pool.

Make sure to check the water at least once a week, to keep the pool in optimum condition.

Make sure that you do the following on a frequent basis:

- Analyse the water pH and make sure it is between 7.2 and 7.6.
- Analyse the chlorine level and make sure it is between 0.5 and 2 grams per cubic meter.
- Remove any leaves and insects from the water.

Make sure that you do the following on a weekly basis:

- Add the correct maintenance quantity of algaecide.
- Add anti-calcareous product if lime is formed or the water is hard.
- Use flocculants to improve filtering (except when using a cartridge filter).

SAFETY MEASURES FOR HANDLING CHEMICAL PRODUCTS

The following precautions must be followed when handling chemical products:

- Use gloves to protect your hands and a mask or goggles for eye protection.
- No smoking where the products are stored or used. Many products are flammable.
- Wash your hands and face after using the products.
- Store the products in a dark and dry place. Do not leave the products in the sun.
- Make sure that the containers are closed. Tighten their caps or lids.
- Do not leave the products within the reach of children. Make sure that the products are stored out of reach in a safe place.
- Do not re-use empty containers.
- Keep the products in their original containers.
- Do not remove the labels from the containers.
- Make sure that the storage area for chemical products has proper ventilation.
- When raining, increase the amount of chlorine and anti-algae bactericide.
- When adding water to the pool, check again the chlorine and anti-algae bactericide level.
- Keep the place where the chemical products are stored well ventilated.

POOL MAINTENANCE

After your pool has been completely installed, follow these instructions to keep it clean and in good condition.

- Liner – Regularly check for leaks in the liner. Use the repair kit for small repairs on the liner.
- Pool wall – Keep it clean, using a neutral pH detergent. Do not use abrasives, chemicals or cleaning solutions.

Rinse out silt chemical products used for water treatment straight away. Coat all visible screw heads with transparent outdoor varnish.

Check the metal parts for rust, at least once a year. Coat all scratches and rusted areas with an anti-rust primer. Follow the instructions for applying the paint.

At the end of the season, drain the water until the water level is 30 cm. Remove the upper part of the liner and check for possible rust on the inner side of the pool wall.

Pay special attention to leaks in the filter and outlet holes. Leaks must be repaired straight away.

SHOCK CHLORINATION

Destroys quickly and efficiently all microorganisms, bacteria and fungi if the chlorine level is raised up to 20 ppm approximately.

Shock chlorination is recommended in the following cases:

- a) At the beginning of the bathing season.
- b) Depending on special weather conditions (i.e. storms, rain, etc).
- c) In case of intensive use of the swimming pool.

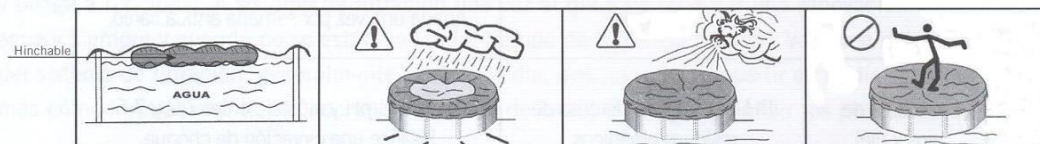
Cleaning the bottom of the swimming pool by aspirating: only for pools with skimmer and filter with engines 6, 8, 10 y 15 m³. Connect the end of the hose to the brush and immerse it in the water for the hose to get filled up. Connect the other end of the hose to the aspiration cover and put it on the basket of the skimmer. Start the filter system in Drain Off mode and start cleaning the bottom.

Cleaning the bottom of the pool with a venturi sweeper jet: Connect a hose to the head of the venturi sweeper jet and immerse it in the swimming pool. Open the tap with a normal pressure and the venturi sweeper jet will start working. The water bounces on the ground producing an upwards flow that collects and deposits the dirt inside the filter-bag.

Problems	Causes	Solutions
Murky water	Poor filtration. High pH. Excess of organic residue.	Backwash the filter. Add a flocculating agent with a dispenser. Carry out a shock chlorination except in cartridge filters.
Green water	Algae formation.	Brush the bottom and the wall of the pool. Analyse the water's pH and adjust to between 7.2 and 7.6. Carry out a shock chlorination and add extra anti-algae bactericide.
Brown water	Presence of iron and manganese.	Analyse the water's pH and adjust to between 7.2 and 7.6. Carry out a shock chlorination.
Lime deposit	Water calcium salts.	Analyse the water's pH and adjust to between 7.2 and 7.6. Add anti-calcareous product once a week.
Eyes and skin irritation	Imbalanced pH. Excess of organic residue.	Analyse the water's pH and adjust to between 7.2 and 7.6. Carry out a shock chlorination.

CARE DURING THE WINTER MONTHS

If the pool is not dismantled during the winter, follow these instructions at the end of the season to prepare your swimming pool for the winter. Do not drain all the water. Never leave an empty swimming pool outdoors. Decrease the water level to just below the skimmer opening. Cover the pool with a protective cover. To keep the cover flat, place an inflatable object or floater between the water and the cover. This way, the liner is not damaged by rain, frost and/or ice. You can also add a chemical product to the water in order to protect the liner against freezing. This product also facilitates the cleaning of the liner after winter time.



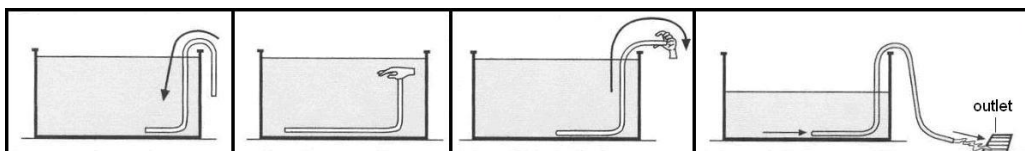
To stop the water from freezing, leave several empty plastic bottles (or balls made of Porexpan) floating on the water. In case of snow, remove the snow of the cover regularly to avoid additional weight on the cover.

- Check all the nuts and bolts and make sure that all the joints are correctly adjusted. Check that the pool wall has not come off the lower profiles. Check that the screws are tight.
- Check rusted areas and paint all the scratches or rusted metal using anti-rust primer.
- Check the liner. Check that the upper part of the liner is still joined to the pool wall with plastic copings. DO NOT remove the pool liner. Removal of the liner will void the product's warranty.
- Look for leaks. Check that there are no leaks in the liner. Leaks can cause severe damage to your pool during the winter.
- Pool accessories. Remove all accessories including the ladder from the pool. Wash the ladder with water and neutral pH detergent. Wash the rest of the accessories with water and neutral pH detergent.
- Filter. Remove the filter from the pool. Wash the whole filter with water and neutral pH detergent. Read the filter installation and maintenance manual.

HOW TO EMPTY, DISMANTLE AND STORE YOUR POOL

First check the filter instructions to make sure that your filter has the Option to Empty.

Use the Communicating Vessels Principle: first completely submerge a hose in the pool until it is full of water. Then cover one end with your finger and take it out of the pool. Water will start to come out. Make sure to keep the other end of the hose submerged in order to empty the pool.



CAUTION: Take into account the amount of water you are going to empty in order to avoid unnecessary surplus water on the site. Make sure that the water leaving the pool is properly evacuated. Otherwise the excess of water could cause damage to people as well as to property.

Always keep in mind the amount of water that will be drained in order to avoid any problems. It is useful to have a drain close.

After the pool has been emptied of water, dismantle it carefully. In order to avoid any damage, deformation or tear, dismantle the parts in the inverse order of installation. Check all the components to ensure that they are perfectly clean and dry before storage.

Prior to storing, wash the liner with water and neutral pH detergent that does not contain any chemical products. To preserve the liner in optimum conditions and to avoid bad odours and humidity, wipe the liner on both sides and dry it with a cloth or paper towel.

Make sure the liner is not pierced. Fold it and store it in a separate place. Keep the pool sections and components in a dry and covered place.

If any of the pool elements are damaged, replace them as soon as possible with original TOI accessories. See the address at the end of this manual.



WARRANTY ▯ WARRANTY ▯ WARRANTY ▯ WARRANTY ▯ WARRANTY

GENERAL CONDITIONS

The seller guarantees that this product is in perfect condition at the moment of delivery.

The period of this warranty is of (2) years and it will be calculated from the moment of delivery.

If there is a lack of compliance and the buyer notifies it within the guarantee period, the seller must repair or replace the product at the place deemed appropriate unless this is impossible or unfeasible.

If the product cannot be repaired, the buyer can request a proportional reduction in the price of the product or if the lack of compliance is considerable, the termination of the sales agreement.

The replaced or repaired components will not increase the period of the original product's warranty. However they will have their own warranty period.

In order to make effective this warranty, the buyer will have to show both the date of purchase and of delivery of the product.

After more than 6 months since delivery, if the buyer claims lack of compliance of this product, he/she will have to show the origin and existence of the alleged defect.

The present warranty certificate does not limit or prejudices consumer rights that follow national regulation by legal imperative.

SPECIFIC CONDITIONS

This warranty covers the products in this manual.

This warranty certificate will apply only to countries in the European Union.

For the effectiveness of this warranty, the buyer must strictly follow the manufacturer's instructions included in the document accompanying the product, when this is applicable according to the range and product model.

When a set of dates has been established for replacement, maintenance or cleaning of certain pieces or components of the product, this warranty will only be valid when these dates have been followed correctly.

LIMITATIONS

This warranty will only apply to purchases made by consumers, meaning, a buyer who has acquired the product with no commercial purposes.

There is no warranty for wear and tear of the product. Regarding pieces, components and/or other expendable goods such as batteries, light bulbs, etc., this will be treated according to the documents accompanying the product in each case.

The guarantee does not cover cases in which the product: 1. – has been misused. 2. – has been repaired, maintained or manipulated by a non-authorized person. 3. has been repaired or maintained with non-original pieces.

When the lack of conformity of the product is due to an incorrect installation or start-up, this warranty will only be effective when such installation or start-up was included in the purchase agreement of the product or when it has been done by the seller or under its responsibility.

Nº DE GARANTIA

ESTABLISHMENT STAMP

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TOI SWIMMING POOLS – WARRANTY'S CONDITIONS

Components	Warranty	Loss of the Warranty
Liner	This warranty covers any welding manufacturing defect for 1 year. These defects, if they exist, must appear not long after having assembled the pool. Within 15 days after assembly, this Warranty will be void, as the preservation of the liner depends on the use of the buyer.	Puncture or pores in the surface of the liner, produced by wrong handling while assembling the pool, unpacking or incorrect storage voids the warranty. Use of aggressive chemical products (such as hydrochloric acid or solid chlorine) voids the warranty. In case of dismantling to reassemble the swimming pool in another place or the following year voids the warranty
Metallic Band	The warranty covers 2 years for any manufacturing defect, as well as rust. The metallic band has to be assembled as per the Manual of Instructions, putting all pieces, screws and bolts in place.	To bury the swimming pool even if partially, completely voids the warranty, because these pools are designed to be assembled only above-ground. Paint or the use of chemicals products on the metallic band or the use of corrosive products to clean the pool's surrounding area voids the warranty against rust oxidation.
Filter System	The warranty covers 1 year against any manufacturing defect. The assembly and maintenance of the filter system will have to be done as the Manual of Instructions shows.	Clogging produced by vegetation due to a bad maintenance of the pool as well as the use of acidic products voids the warranty. If the pump has been handled and/or manipulated by non-qualified people the warranty is void. Pump damage produced by making it work on an empty pool also voids the warranty. The warranty is void if the instructions for electric installation have not been followed thoroughly.
Decoh! Pool	The warranty of the Decoh! Pool covers 6 months against any manufacturing defect. The warranty of Decoh! Pool covers the loss of colour during 1 summer because this is a biodegradable product sensitive to solar radiation (which varies depending on the pool's location).	Cuts and tears produced during assembly and discolouration produced by spillage of chemical products are not covered by the warranty. The warranty does not cover the use of this article on any other pools except TOI pools.
Winter Cover	The warranty covers 1 year against any manufacturing defect.	Tears produced by inclement weather. Incorrect dimensions provided by the buyer.

GENERAL EXCLUSION OF THE WARRANTY

TOI's Warranty will not apply in the following cases:

- When engine failure or damages have been produced by an incorrect use, assembly or bad handling of the product.
 - When damages to the product have been produced by natural disasters, acts of nature or force majeure.
- In case of any problems, remember:
- It is important to keep and supply the purchase receipt should an issue arise.
 - Also, it is important to provide the batch number (inside the package).
 - If you see that the package is damaged or spoilt when the pool is received, you must write an observation on the Delivery Note, even if the damage cannot be ascertained until after unpacking.
 - If the presence of a specialised technician is required to solve the problem and they see that the problem has been caused by the buyer due to bad handling or assembly, the expenses will be paid by the buyer, NOT the seller.