

# TROPIC JUNIOR

## WITH CARTRIDGE FILTER

### INSTALLATION INSRUCTIONS

(please read carefully and keep for future reference)



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## 1. PRODUCT OVERVIEW

TROPIC JUNIOR is designed for private use only, and more specifically, for young children to swim and splash around.

The pool is comprised of a wooden structure, with wooden edging, waterproofed by a plasticised PVC liner, 0.5mm thick. It is also equipped with a space saving filtration system that sits into a corner of the pool.

TROPIC JUNIOR pools are not designed to be dismantled at the end of the pool season. Nevertheless, its small size and moderate weight when empty mean that two adults can move it and store it in a garage or hangar.

The wooden structure is made of Northern red pine and spruce from sustainably managed forests, the wood supply chain is PEFC certified. The wooden parts are core treated against rot:

- The vertical wall slats are 28 mm thick and are class III treated.
- The bottom planks (slats in contact with ground) are class IV treated for better protection against humidity given their position

However, despite this treatment, the wooden structure should not be sunk into the ground, even partially. It must be placed on the ground. Failure to respect this instruction will cancel the guarantee against wood rot.

The wood stabiliser enclosed with the pool prevents cracking and splitting at the ends of the slats . However, wood is a natural, noble but “living” material. Imperfections (knots, seams, cracks etc.) and the effects of time on its living structure (resin beading, colour changes, greying, slight deformations, etc.) cannot be avoided.

## 2. TROPIC JUNIOR TECHNICAL DATA

Foot print: **2.3 m x 2.3 m**

Overall height: **0.68 m**

Water volume for a water depth of 58 cm: **2320 litres**

Total weight for a water depth of 58 cm: **2270 kg**

Integrated pump and cartridge filter: **flow rate 2 m<sup>3</sup>/h, powered by a 230 V / 12 V AC transformer connected to the filter using a 5 m cable.**



## 3. IMPORTANT: SAFETY

Never allow your children into the pool without the active surveillance of a responsible adult

Do not allow your children to jump or dive into the pool from the coping or from any other structure

Remove any toys from the pool while it is not in use (children could try to retrieve them while you are not watching).



If pool chemicals are being used to treat the water:

- Follow the manufacturer's instructions very carefully;
- Never add chemicals to the water while the pool is in use;
- Make sure that the pool chemicals (solids) are totally dissolved, and run filtration for at least one hour before allowing children into the pool to ensure that the chemicals are completely mixed into the water;
- Store chemicals out of the reach of children, preferably under lock.

If you want to add an additional means of access to your TROPIC JUNIOR pool (steps, ladder), choose one that can be «locked»(to prevent access while the pools is not use), failing this move the means of access away from the pool

Only use the original filtration system, never try to adapt any other filtration system to your TROPIC JUNIOR pool. This could create a risk of entrapment of bathers due to the pump's suction force

**Do not allow your children to climb on, or sit on, the filter. Electrical hazards:**

- The filter power supply must be more than 3.5 m from the pool
- Check the power cable and the cable between the filter and the power supply regularly for damage, and replace them immediately if they are damaged (cut, pinched, worn, etc.)
- Never submerge the filter transformer in water
- Never bring a device powered by a voltage greater than 12 V closer than 3.5 m to the pool. For installations outside France, refer to the regulations in effect in the country of installation.

Educate your children about the dangers of disregarding safety rules.

## 4. PREPARATION

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### 4.1 TROPIC JUNIOR packaging and storage

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#### 4.1.1 Package no. 1 (box)

Dimensions: 0.4 m x 0.4 m x 0.6 m

Weight: **10 Kg**

Content:

- |          |                             |   |
|----------|-----------------------------|---|
| • Liner  | • Fastening components      | • Wood stabiliser to prevent cracking and splitting |
| • Filter | • Underlay                  |   |
| • Screws | • Installation instructions |   |

#### 4.1.2 Package No. 2 (pallet)

Dimensions: **2.30 m x 0.61 m x 0.45 m**

Weight: **150 kg**

Content:

- Wooden structure
- Liner locking track profiles

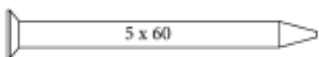
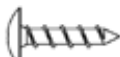

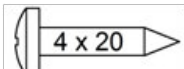
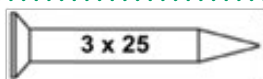











### CAUTION

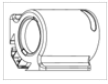





The wooden parts are trapped together. Do not undo the straps until you are ready to build the structure. Before assembly, the pallet must be stored sheltered from rain and sun. 48 h before assembly, cut the ties holding the wooden slats and coping together and allow them to dry, without exposing them to direct sun light. This will facilitate assembly.

Before beginning assembly, check that all the TROPIC JUNIOR pool components are present. Once assembly has begun, it should be completed as quickly as possible to avoid any deformation of the parts.







## 4.2 TROPIC JUNIOR - list of parts





### 4.2.1 Package no. 1 (box)

<b>101</b>	TORX head countersunk screw 5x60 SS A2 	Qty: 136	<b>102</b>	Round head roofing nail TORX 6x30 A2 	Qty: 16
<b>103</b>	Domed head ring nails 2.7 x 60 SS A2 	Qty: 24	<b>104</b>	TORX domed head screw 4x20 SS A4 	Qty: 26
<b>105</b>	POZI countersunk wood screw 3x25 SS A2 	Qty: 4	<b>210</b>	Wood stabiliser 	Qty: 1
<b>211</b>	Corner trim 	Qty: 4	<b>212</b>	Liner 	Qty: 1
<b>213</b>	Liner corner lock 	Qty: 4	<b>214</b>	Underlay 	Qty: 1
<b>215</b>	Wall mounted warning label 	Qty: 1	<b>300</b>	Filter base 	Qty: 1
<b>301</b>	Filtration pump 	Qty: 1	<b>302</b>	Filter body 	Qty: 1
<b>303</b>	Filtration cartridge 	Qty: 1	<b>304</b>	Filter support guide 	Qty: 1

<b>305</b>	Filter hood 	Qty: 1	<b>306</b>	SKimmer lid 	Qty: 1
<b>307</b>	Skimmer guide 	Qty: 1	<b>308</b>	Skimmer grate 	Qty: 1
<b>309</b>	Suction cup 	Qty: 2	<b>310</b>	Polystyrene wedge 	Qty: 8

#### 4.2.2 Package no. 2 (pallet)

<b>200</b>	Wall slat 2203x 68x28 mm, female 	Qty: 2
<b>201</b>	Wall slat 2203x 77x28 mm, male 	Qty: 2
<b>202</b>	Wall slat 2203x137x28 mm female 	Qty: 2
<b>203</b>	Wall slat 2203x 145x28 mm, male/female 	Qty: 14
<b>204</b>	Bottom plank, class IV pine, 2224x 132x28 mm 	Qty: 4
<b>205</b>	Coping, class IV pine, 2099x 145x21 mm 	Qty: 4

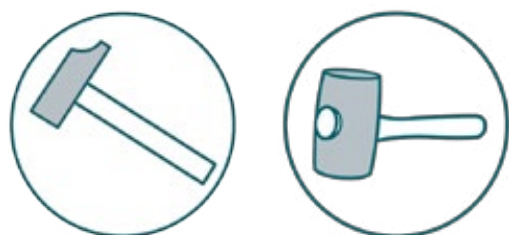
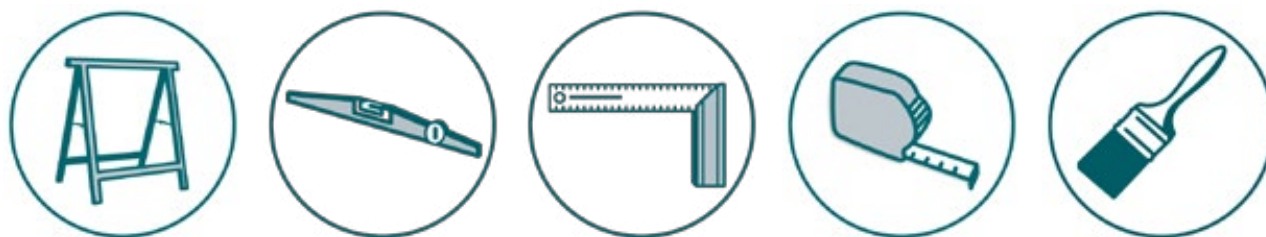
206	<p>Corner cleat, class III pine, 620mm, Junior</p> 	<p>Qty:</p> <p>4</p>
207	<p>Pine finishing trim 625x17x44 mm</p> 	<p>Qty:</p> <p>8</p>
208	<p>Vertical reinforcement, pine, 625x86x28 mm</p> 	<p>Qty:</p> <p>8</p>
209	<p>PVC Hung, 1988 mm</p> 	<p>Qty:</p> <p>4</p>

### 4.3 Information prior to assembly

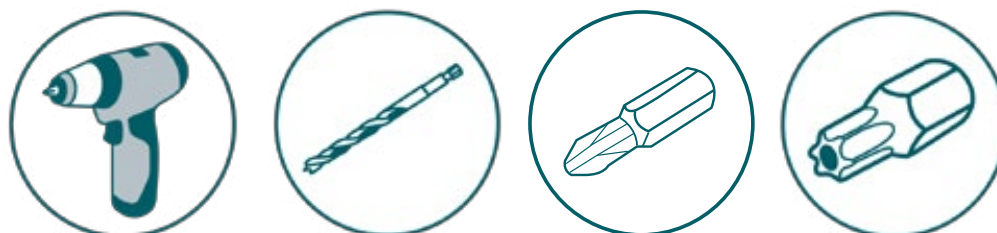
Number of people required for assembly: **2 people**

Estimated time required for assembly: **4 hours**

**Tools required to build the structure and accessories :**



*Wooden or  
rubber mallet*



*Wood drill bit 4 mm*

*Crosshead bit  
POZI Z2*

*Torx bit  
T-20 - T-25 - T-30*

Tools required to prepare the ground if the pool will be installed on natural ground:

- Rake, spade, wheel barrow, spirit level, compaction roller;
- Consumables that may be required.

NB: the day before installation, the liner should be stored at between 15 et 25°C so that it is pliant enough but not too pliable. Only bring it outside when you are ready to fit it.



## 4.4 Selection of the installation site

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The installation site should be selected with regard to the following:

- TROPIC JUNIOR should be visible from the living areas in the home;
- If TROPIC JUNIOR is installed on natural ground, make sure that the site is not infested by termites or other wood eating insects;
- To avoid premature degradation of the bottom of the wooden structure, rain water should not be able to accumulate and stagnate around Tropic Junior (if water is likely to stagnate around the pool, create a drainage system);
- To prevent falls, the area around the pool should not become slippery when wet (bad weather, splashing);
- The ground underneath TROPIC JUNIOR must be:
- Flat, stable, and should remain so over time (no subsidence or deformation);
- Perfectly horizontal, so that water pressure is not higher in some areas of the structure than others

If Tropic Junior is installed on a balcony, a raised terrace, or some other support that does not bear down on the ground through the whole of its surface area, check that the structure will bear the total weight of Tropic Junior, water and the users.

## 4.5 Preparation of the site if TROPIC JUNIOR is to be installed on natural ground

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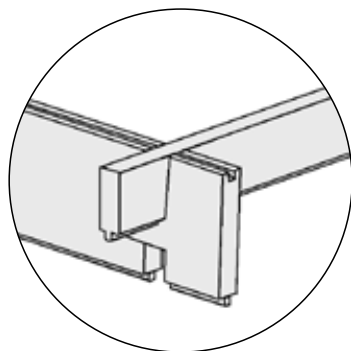
- Trace the outline of Tropic Junior on the ground;
- Level and smooth the surface, remove any protruding objects (stones, roots, stumps, etc.);
- Compensate for any soil removed during the previous step by adding sand, or gravel topped with a layer of compacted, levelled sand 5 mm thick.



## 5. MONTAGE

### 5.1 Building the wooden structure

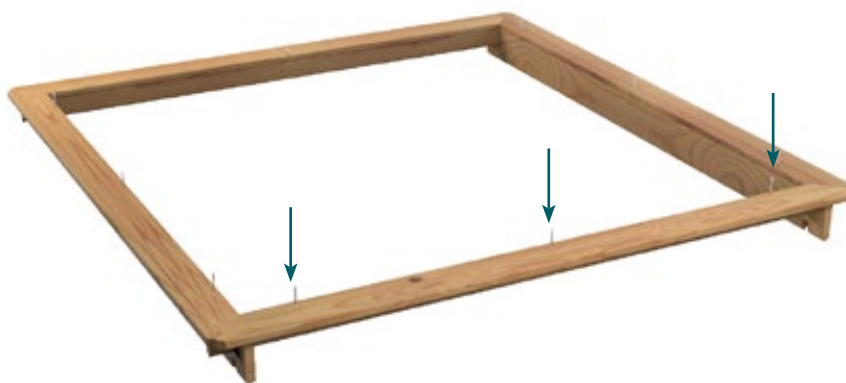
201	×2
203	×2
204	×4



**101** ×12

Make sure that the four corners are square.

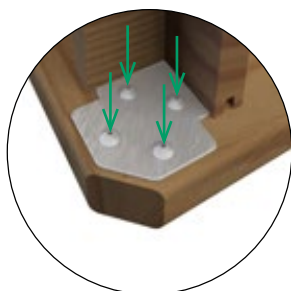
Use the 12 countersunk screws, 5x60 (101), to assemble the base.



**211** ×4  
**102** ×16

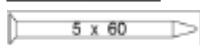


Screw a metallic reinforcing plate onto each of the four corners.

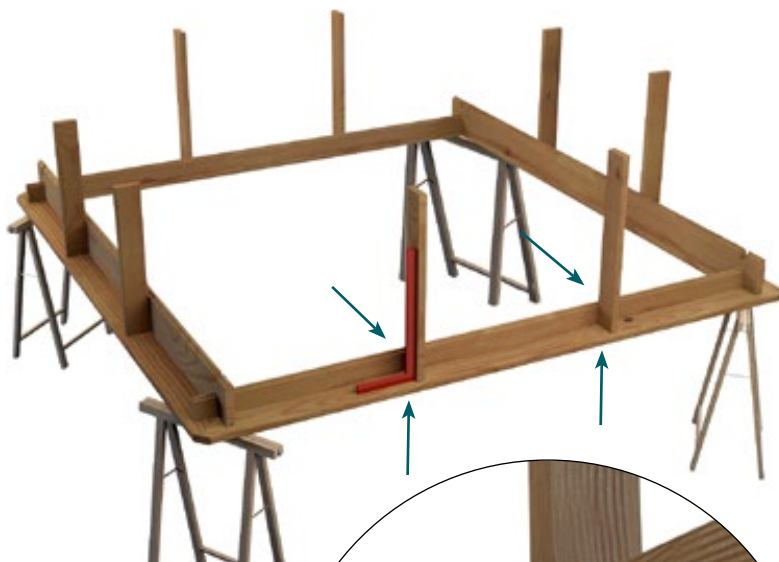




**208** ×8  
**101** ×16



Position the vertical braces (208) opposite the holes drilled in the slats (201 and 203). Make sure that the bottom planks (204) and vertical braces (208) are square, then screw them in place.



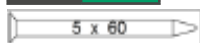
The braces have a specific orientation:

Interior of the pool →  ← Exterior of the pool



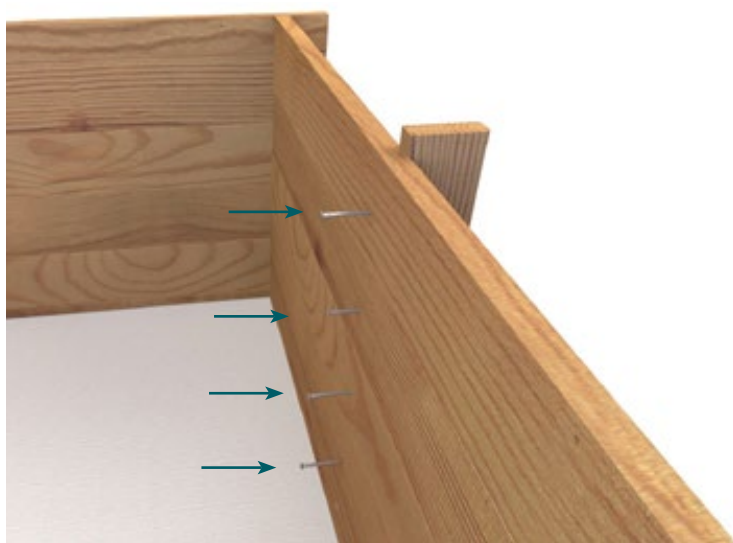
**203** ×4



**203** ×8**202** ×2**200** ×2**101** ×40

Make sure that the vertical braces (208) and bottom planks (204) are square. Braces must be perfectly vertical. Check that all the slats are correctly interlocked along their entire length and that they are perfectly horizontal.

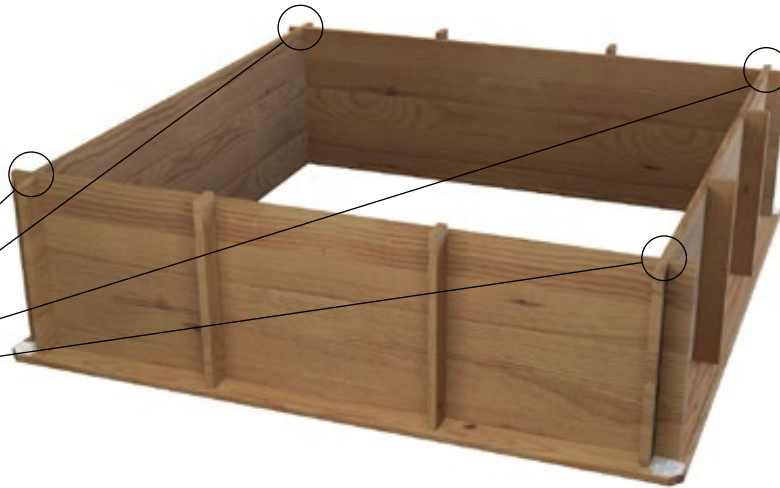
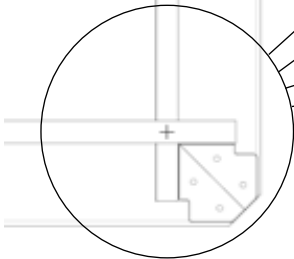
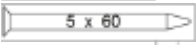
After carefully carrying out these checks, working from the inside of the pool, screw the slats onto the braces. Make sure that the screws are tight against the wood to avoid damaging the liner.







<b>101</b>	<b>×4</b>
<b>210</b>	<b>×1</b>

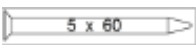


Using a brush, paint the ends of the planks in each of the four corners with wood stabiliser to prevent cracking and deformation over time.

This product appears white when applied but turns colourless when dry. It takes 2 to 3 hours to dry. Apply a second coat if temperatures are high or if the product dries too quickly.

Follow the safety instructions printed on the container. Rinse the brush with water after use.

<b>206</b>	<b>×4</b>
<b>101</b>	<b>×40</b>



Screw the corner cleats (206) into position. To do this, use a 4 mm wood drill bit to make a hole in the centre at the ends of the slats, then screw the cleats onto the ends of the slats using countersunk screws 5 x 60 (101). Use 1 screw per slat, that is 10 screws per cleat.

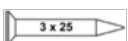
<b>207</b>	<b>×8</b>
<b>103</b>	<b>×24</b>



Nail the eight finishing trims (207) to the edges to the slat walls in each of the four corners of the TROPIC JUNIOR pool. The finishing trims must be installed, they prevent deformation of the edges that can be caused by exposure to sunlight.



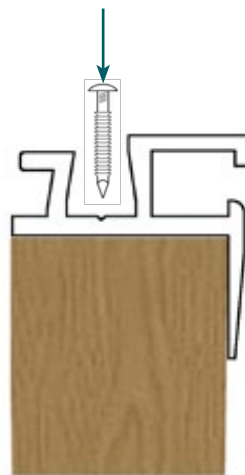
<b>215</b>	<b>×1</b>
<b>105</b>	<b>×4</b>



Attach the safety notice to the wall of TROPIC JUNIOR such that it is visible to all.

<b>209</b>	<b>×4</b>
<b>104</b>	<b>×20</b>

Place the PVC liner locking track (209) against the top slat of each of the four walls as shown opposite, and fasten in position using 5 screws (103). The locking tracks are used to fit TROPIC JUNIOR's waterproofing membrane.



## 5.2 Fitting the liner and the underlay



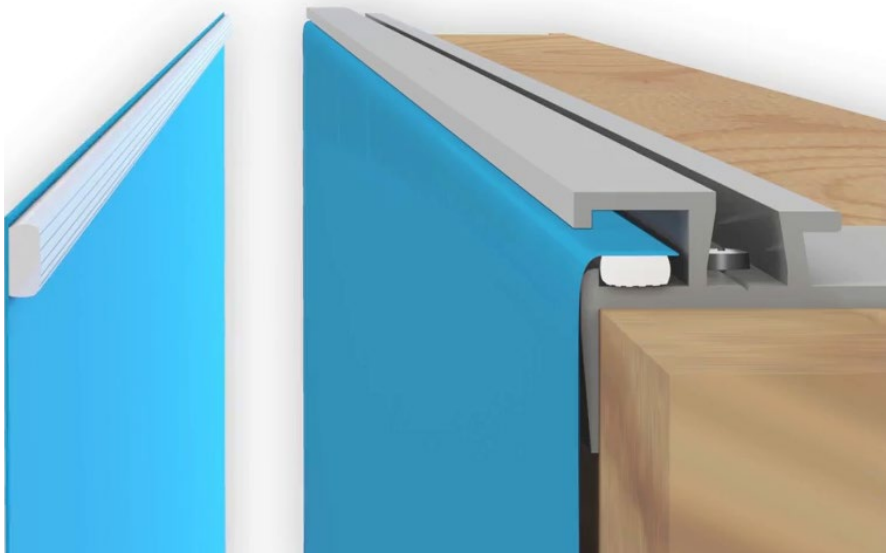
<b>212</b>	<b>×1</b>
<b>213</b>	<b>×4</b>
<b>214</b>	<b>×1</b>

**IMPORTANT :** The surface underneath the underlay should be clean and free of any roughness or foreign bodies, even tiny bumps will be visible because of the pressure that water exerts on the liner.

Clean out the pool, then lay the liner inside the pool and unfold it, taking care to ensure that it lines up with the corners. Smooth out any creases.

The vertical weld the close the vertical portion of the liner should be positioned in the corner where the filtration system is to be installed so that it will be hidden by the filter. Start attaching the liner in this corner.

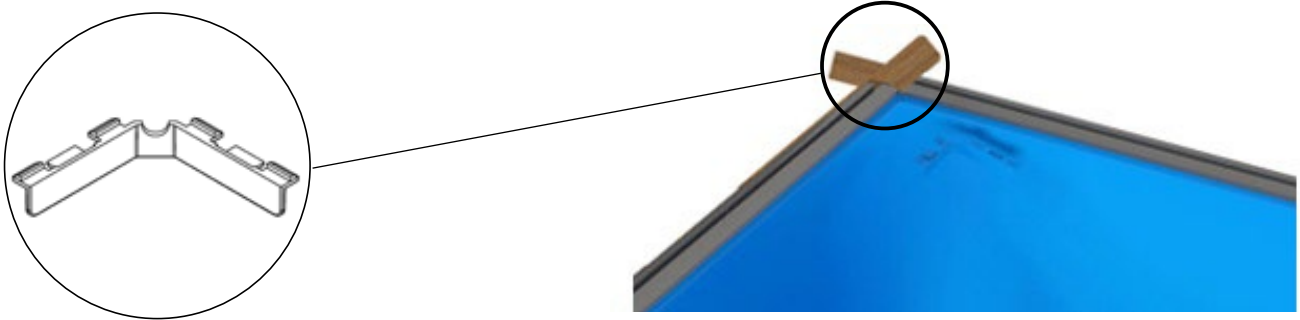
Translucent beading is welded to the top of the liner on the surface facing to the outside of the pool. It serves to hold the liner in position. Push the translucent beading fully into the groove along the side of the PVC liner locking track (209). Start in a corner and work your way around the periphery of the pool taking care to exert the right amount of tension on the liner.



## IMPORTANT:

- Do not slide the liner along the locking track to reposition it, this could tear the liner. Pull it out on the track and reinsert it in the correct position.
- Flatten the liner against the floor of the pool and push it into the horizontal and vertical corners to smooth out creases as much as possible. Do not fill the pool while crease remain.

The corner blocks (213) are used to block the liner in position in the corners of your TROPIC JUNIOR pool. The corner blocks are not designed to be dismantled. They should only be put in position after the liner is correctly positioned.



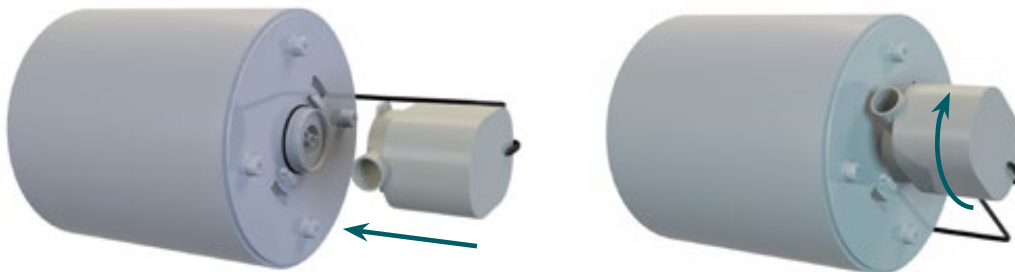
After the liner corner blocks are put in position, fill the pool with water to a depth of 58 cm. While the pool is filling, assemble the filter and coping.

### 5.3 Assembling the filter

**301** ×1

**302** ×1

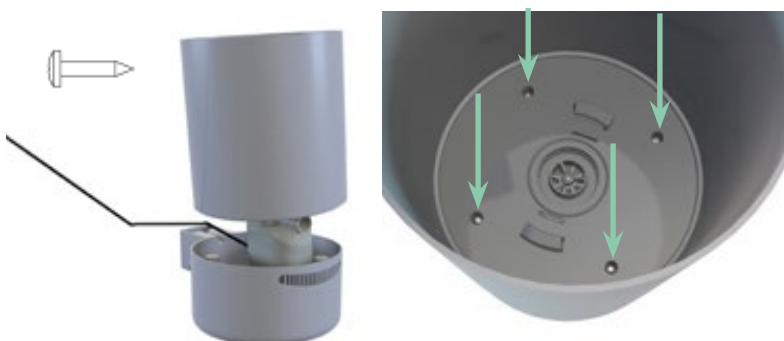
Mount the filtration pump (301) on the body of the filter (302) by pushing on the bottom and twisting one quarter turn.



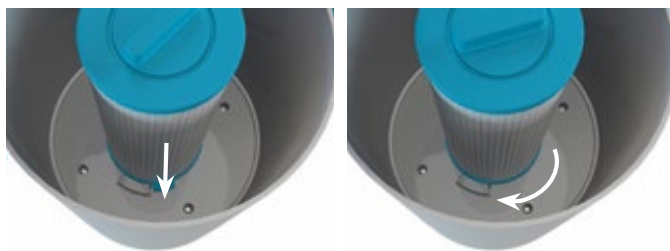
**300** ×1

**104** ×4

Attach this filter/ pump assembly to its base (300) using 4 screw (103). Make sure that the pump cable is protruding from the back of the base.



**303** ×1



Fix the filtration cartridge (303) in place inside the filter body by twisting one quarter turn.

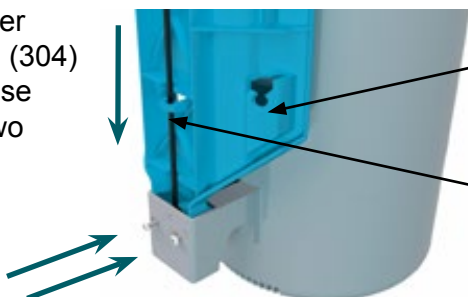
**304** ×1

**104** ×2

**309** ×2



Fasten the filter support guide (304) to the filter base (300) using two screws (104).



Insert the suction cups into the 2 openings on the bottom of the support guide.

Hang the electrical cable on the hooks to the rear of the guide (304).

**305** ×1

**307** ×1



Mount the skimmer guide (307) on the filter hood (305) by twisting one quarter turn.

**306** ×1

**308** ×1



Clip the grate (308) onto the skimmer lid (306). Insert this assembly into the skimmer guide (307) previously mounted on the hood (305).

**310** ×8

Depending on the desired water depth, push 4 to 8 polystyrene blocks (310) onto the spikes underneath lid (306).

Slide the hood (305) onto the filter body (302) such that the filter support guide (304) is trapped by the rear section of the hood (305).





Lower the filter into the water, lean it over slightly to evacuate any air trapped in the filter body, then position it in one corner of the TROPIC JUNIOR pool, clipping it onto each side of a corner block (213).



Push the suction pads against the liner to hold the filter in place. If the filter is inclined to rise to the surface or turn over, make sure that it does not contain any trapped air. It may be necessary to add a few centimetres of water.

Position the pump cable in a corner, between the ends of two sections of liner locking track. Caution, once the coping slats have been fixed in position, you will not be able to change the location of the cable without first unscrewing the coping slats.

## 5.4 Installing the pine coping

205	×4
101	×24

Arrange the coping slats on top of the walls and adjust their position so that they come together perfectly in the corners. The inner edge of the coping should overlap the pool by approximately 15 mm.

Fasten the coping in position using 6 screws per coping slat: two at each end of the coping slat (205) and one at each of the vertical braces (208).



## 6. FILTRATION AND WATER TREATMENT

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Once your pool has been filled with water, the water will tend to become dirty and the water quality will deteriorate because of pollution introduced by bathers (bodily secretions, but also twigs, grass, earth, sand, etc. stuck to their feet or their skin), as well as contaminants deposited by the wind (leaves, petals, pollen), and insects.

The pool water should be replaced regularly. The frequency of renewal will depend on the water temperature, the bather load, the length of the daily filtration cycle and the extent of use of pool chemicals. Filtration slows the natural deterioration of water by trapping tiny solid contaminant particles (from a few millimetres down to tens of microns).

The length of time that filtration should be run each day will mainly depend on the level of water pollution, and on the water temperature. As a guideline, during periods of daily use, the following minimum filtration times are recommended:

- For a water temperature of 20°C: 5 hours/day
- For a water temperature of 25°C: 8 hours/day
- For a water temperature of 30°C: 12 hours/day

These recommendations have been established for the original filtration system that comes with your TROPIC JUNIOR pool; for safety reasons we strongly advise against adapting any other filtration system to your TROPIC JUNIOR pool.

**IMPORTANT:** the cartridge equipping the filter is not compatible with the use of most flocculants (liquid chemicals formulated to remove the tiny particles suspended in the water that would not otherwise be trapped by the filter).

Filtration alone will not completely eliminate the health risks posed by the growth of bacteria, fungi, etc. To keep water clean for as long as possible and reduce the frequency of water renewal, the water will need to be treated with chemicals.

## 7. EQUIPMENT MAINTENANCE

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### 7.1 Cleaning and replacing the filter cartridge

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Check the condition of the filtration cartridge regularly (at least once a week while TROPIC JUNIOR is in use) if necessary clean it as follows:

- Stop filtration by disconnecting the electrical supply;
- Remove the lid to access the cartridge;
- Remove any large objects by hand before removing the cartridge;
- Clean the cartridge using a jet of water and a soft brush between the folds;
- Reassemble the filter by carrying out the operations in the reverse order.

If the cartridge remain dirty despite cleaning, replace the cartridge with a new, identical cartridge. Do not try to adapt a different cartridge to the filter. Excessive clogging of the filter cartridge will create resistance to suction and could cause the pump to stop working, or even run dry. Malfunctions associated with running the pump dry are not covered by the guarantee.

## 7.2 Replacing the pump motor

- Disconnect the power supply to the filter.
- Unhook the filter, taking care not to damage the liner. To do this, insert a screw driver into the recesses in the filter support guide (304) on either side of the corner. Lift the liner Hung track (209) very slightly and pull on the filter support guide to unclip it.
- Remove the lid, and then the cartridge.
- Unscrew the 4 screws at the bottom of the filter body.
- Replace the pump and repeat this procedure in the reverse order.

## 7.3 Wood upkeep

Inspect the accessible surfaces of the wooden slats regularly for splinter. Remove them if found.

To preserve the wood's initial colour, simply apply a colourless stain at regular intervals. You may alternatively use a colour stain, or colourless oil to nourish the wood and slow discolouration. Before applying the treatment, make sure that it is micro-porous and will allow the wood to breathe.

Do not apply the product on areas in contact with the liner, it could migrate through the liner and stain it. Also, for the same reason, take care not to apply too much product at the slat joins.

## 7.4 Liner upkeep

Given that the liner is exposed to sunlight and water disinfection oxidising products, slow and gradual discolouration is inevitable.

This phenomenon will be accelerated and exacerbated if the water pH is too low (less than 6.8 for chlorine), or if excessive quantities of disinfectants are used. If conditions are really extreme, creases could appear in the liner and it will lose its elasticity.

On the other hand, if the pH is too high ( $\text{pH} > 7.8$  for chlorine), the disinfectant power of the oxidising products will be severely reduced, or even lost, thus allowing the growth of micro-organisms.

Therefore, it is important to:

- Measure the water's pH regularly, and keep it between 7 and 7.4;
- Take care not to overdose the pool with disinfectant products.

Specifically, do not allow solid disinfectants (tablets, pellets) come into contact with the pool floor: on contact, they will discolour the liner, leading to the formation of a white stain, and creases will appear at the interface.

At the water line, the liner is vulnerable to deposition of various pollutants floating on the surface of the water (sun cream residues, exhaust fumes, wood smoke, etc.). The Water Lily sponge will absorb most of the oily substances floating on the water surface, however the water line should be cleaned using products compatible with PVC-P liners as soon as a brown line starts to appear. Over time, these deposits could become encrusted in the material making them impossible to clean off.

Dead leaves, twigs and insects that sink to the bottom of the pool should be removed by vacuuming or using a leaf rake. Otherwise, their decomposition could lead to staining of the liner.

## 7.5 Winterizing

Outside the pool season, drain the filter and store it and the power supply somewhere dry. Check the water level regularly, it can rise due to rainfall, make sure it remains below 58 cm. Drain water out of the pool as necessary.

TROPIC JUNIOR pools may be covered with a winter cover.

Add an algicide to the pool to limit the growth of algae. At the beginning of the next pool season, empty the water out of the pool and clean the liner thoroughly before refilling the pool.

If the pool is installed in a region that experiences freezing conditions over winter, steps must be taken to prevent ice from exerting pressure on the wooden structure:

- Take 5, empty, 1.5 litre plastic bottles, weight them with a little gravel or sand and cap them tightly;
- Tie them together with string to create a chain of bottles;
- Tie each end bottle to a stone using a string about 90 cm long;
- Place the stones on the pool floor centred at the base of two opposite walls.

The empty bottles will float. If temperatures drop below zero and ice forms on the surface, the bottles will absorb the expansion of ice instead of the pool structure.

**IMPORTANT:** Leaving the pool drained of water while it is not in use could cause damage to the liner (loss of elasticity). If very pronounced, this type of damage can cause leaks. This type of damage is not covered within the scope of the guarantee.

## 8. GUARANTEES

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The following guarantees are granted as of the purchase date, on presentation of the invoice or receipt:.

### 8.1 Liner: 2 years

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Leaktightness and resilience of welds, subject to the condition that instructions concerning fitting, water treatment, and liner maintenance were followed (see section 5)

The following phenomena, associated with improper operation or maintenance, are excluded from the scope of guarantee:

- Creases that appear after the liner is fitted, caused by slippage of the membrane on loose or sloped ground, or inappropriate water chemistry: water temperature must remain below 28°C, the pH must be between 7.2 and 7.6, and the concentration of the disinfecting agent must remain within the range recommended by the manufacturer of the pool chemicals.
- Colouring or staining of the liner along the water line, due to inadequate cleaning
- Stains, discolouration and creases of any type.
- Damage caused by contact of incompatible materials with the liner.
- Tears in the liner under the beading caused during fitting by moving the liner without first pulling it out of the locking track.

### 8.2 Wooden structure: 2 years

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Rotting, attack by insects other than termites, subject to the condition that instructions set out in sections 3, 4 and 5 were followed.

This guarantee does not cover natural deformations (splitting, cracking that does that impact the mechanical strength of the wood) or colour changes caused by weathering.

The following defects associated with incorrect assembly or storage are notably excluded: wall slat deformations (exposure to the sun, assembly deferred after opening the package), deformation or breaking of the slats due to assembly in any manner other than that described in the instructions. Rotting of the wood caused by use of an unsuitable, non-microporous treatment is also excluded from the guarantee.

### **8.3 Filtration group: 1 year**

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The cartridge is considered a «wear part» and is not covered in the scope of this guarantee.

The motor is guaranteed, subject to the conditions that the pump was not allowed to run dry, and that the filter cartridge was cleaned in accordance with instructions.

Plastic components are guaranteed subject to the condition that they have not been exposed to incompatible chemicals, or concentrations of chemicals outside the ranges recommended for pool water, and that they have not been subject to impacts or abnormal stress or strain.

The transformer is covered by the guarantee subject to the condition that it was not sprayed with, or immersed in, water.

### **8.4 Underlay**

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The underlay is not covered by any guarantee.





## WOOD, A NATURAL MATERIAL. SUSTAINABLE FORESTRY

Procopi is committed to using wood from sustainable managed forests. As a guarantee, we have had our products certified by a renowned organisation and we organise regular inspections by an independent body.

Procopi is PEFC certified (chain of custody: FCBA/12-01382) for procurement of wood from sustainably managed forests according to the regulations set out by the Programme for the Endorsement of Forest Certification.

The PEFC label pertains to wood from European forests. This programme promotes the preservation of our heritage.

Being a natural material, wood will have some imperfections. These are normal and have no impact on the service life of the product.

A certain number are superficial and are not covered within the scope of the guarantee.

## CAREFULLY SELECTED, CAREFULLY TREATED WOOD

### Class IV autoclaved northern wood: the right choice for the pool structure

The mechanical and aesthetic properties of this wood are the result of its slow growth imposed by rigorous climatic conditions north of the 57th parallel. Class IV treatment in the autoclave makes this wood perfect for use outdoors in contact with the ground.

**i** **Storage.** If you do not intend to assemble your pool immediately, you should store it without opening it in a well-ventilated room, or failing this, in an area protected from humidity and sunlight. If, however, you were obliged to unpack your pool, redo and restrap the pallet. Once the pallets are undone, the kit must be assembled within 24 to 48 hours..



### Composite French wood: ideal for pool coping

A balanced mix of fine wood particles and a thermoplastic polymer, composite wood is free of knots, splinters and boasts an excellent service life outdoors. Soft to the touch, it is also low maintenance and comes in a range of colours (Coastal Grey or Havana).



All in-ground and partially in-ground pools must be protected using a Delta MS drainage membrane.

## COLOUR VARIATIONS

Colour variations are common to every species of wood. Treatment brings them out because the depth of penetration of the product will depend on the wood density and grain. Weathering of wood outdoors will significantly attenuate these colour variations.



## SALT STAINS

Small green stains are frequently found on the surface of autoclaved wood. These can be removed with light sanding. If left untreated, this colour will disappear over time.



## SPLITTING AND CRACKING

Wood expands and contracts when exposed to variations in humidity and temperature. As it dries, wood contracts unevenly resulting in the appearance of cracks. While these can seem to be cause for concern, they have no impact on the mechanical properties of the product and therefore do not fall within the scope of the guarantee.



## SURFACE MOULD

Mould, caused by microscopic fungi, can grow on wood, particularly on resinous species, on which the growth can appear as «blueing». It is a surface phenomenon, exacerbated by heat, humidity and inadequate aeration and is characterised by stains ranging from light to dark blue. They can be removed by wiping the surface.

Remember that class IV treated wood is protected against attack by fungi that could destroy the physical and mechanical properties of the wood. For further information, please refer to Procopi's guarantees concerning the types of wood and their treatment.



## RESIN BEADING

When resinous wood species are autoclaved, the alternating pressure and vacuum can cause sticky resin residues to rise to the surface. To remove them, scrape them carefully with an appropriate tool, being careful not to touch the wood. Turpentine spirits could also be effective, but could stain the wood if too much is applied.



## GREYING

Wood exposed to sunlight is susceptible to greying. Some people like the silvery sheen of this natural patina. If, however, you would prefer the wood to keep its original colour with brown tones, apply a protective coating (lazure, oil) when the product is assembled.



## KNOTS

Knots mark the places where branches were attached. The quantity and size depends on the species of wood and the sorting process. For outdoor installations, small adherent knots are acceptable. The more stringent the sorting process to limit the number and size of knots, the more expensive the wood will be.



## JOINED WOOD

To ensure the highest quality in the selection of our wood, it is sorted meticulously before planing. Planks that feature defects on both sides are taken out. Defects (knots, cracks, flashes) are removed and the planks are joined together (see the image above).

This is why it is not unusual to find joined elements in a wooden pool, it in no way penalises the mechanical properties of the wood. For the same reason, imperfections on the interior surface of the pool (knots, cracks, flashes) are entirely acceptable.







## QUALITY CERTIFICATE

### CHAIN OF CUSTODY

Company PROCOP  
35650 LE RHEU  
FRANCE

Chain of Custody no. FCBA/12-01382

The chain of custody of the company designated hereinafter complies with the PEFC\* stipulations in effect. This certificate was issued in accordance with the PEFC reference governing chain of custody of wood, FCBA MQ CERT 11-360

Scope	Method used
Manufacture and distribution of wooden equipment for pools at the Pleumeleuc site	Average percentage method

This certificate attests chain of custody certification based on continuous monitoring. It cannot prejudice changes or decisions that could be made during the year. The list of certified companies is available on line [www.fcba.fr](http://www.fcba.fr) and <http://register.pefc.cz>



ACCREDITATION  
N°5-011  
PORTEE  
DISPONIBLE SUR  
[WWW.COFRAC.FR](http://WWW.COFRAC.FR)

\* appendices 15 and 16 of the french forestry certification scheme, translation of appendices PEFC ST 2002: 2012 and PEFC ST 2001: 2008 of the international technical document issued by the PEFC council.



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Certificate No.  
0226/2012  
Date: 13th February  
2012  
Valid up until 01/02/2017

LE RESPONSABLE CERTIFICATION  
Alain HOCQUET

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