



INSTALLATION GUIDELINES

INSTALLATION/SERVICING/MAINTENANCE/SAFETY ADVICE



AZTECK

AZTECK POOL

CONTENTS

PLEASE READ THESE INSTRUCTIONS CAREFULLY AND KEEP THEM FOR FUTURE REFERENCE

Please read this manual carefully to help you understand all of the information and to ensure safe installation, use and servicing. We are not held liable for any damage arising due to a failure to respect the instructions set out in this manual.

COMPOSITION OF THE POOL KIT	p. 4
DESCRIPTION	p. 8
INFORMATION.....	p. 9
POOL ASSEMBLY	p. 10
PREREQUISITES.....	p. 12
POOL ASSEMBLY	p. 20
SERVICING/MAINTENANCE.....	p. 77
SAFETY ADVICE	p. 79
RECYCLING	p. 81

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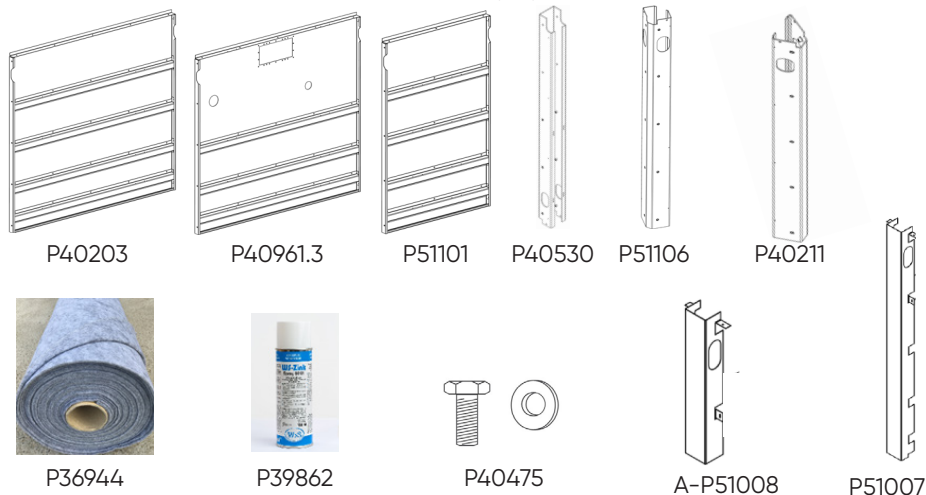
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DESCRIPTION	p. 8
INFORMATION.....	p. 9
POOL ASSEMBLY	p. 10
PREREQUISITES.....	p. 12
POOL ASSEMBLY	p. 20
SERVICING/MAINTENANCE.....	p. 77
SAFETY ADVICE	p. 79
RECYCLING	p. 81

COMPOSITION OF THE POOL KIT

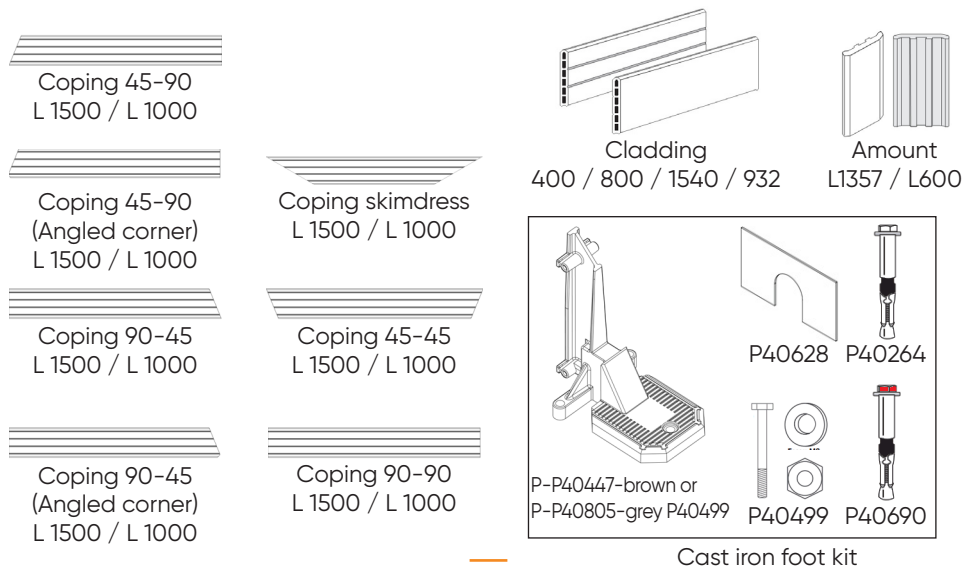
METALLIC STRUCTURE

For details of the components that come with your model and their quantities, please refer to the document enclosed in the packaging:



CLADDING

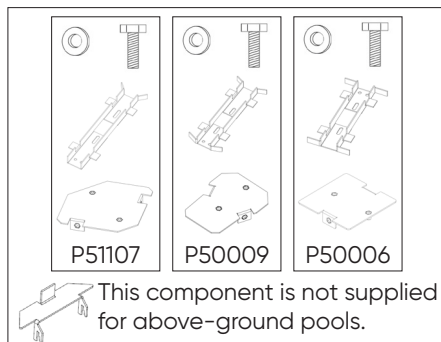
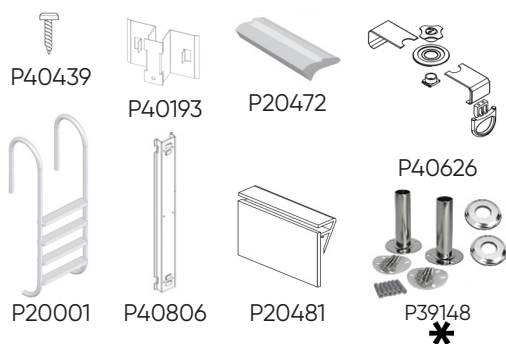
For details of the components that come with your model and their quantities, please refer to the document enclosed in the packaging:



COMPOSITION OF THE POOL KIT

FINISHING TOUCHES

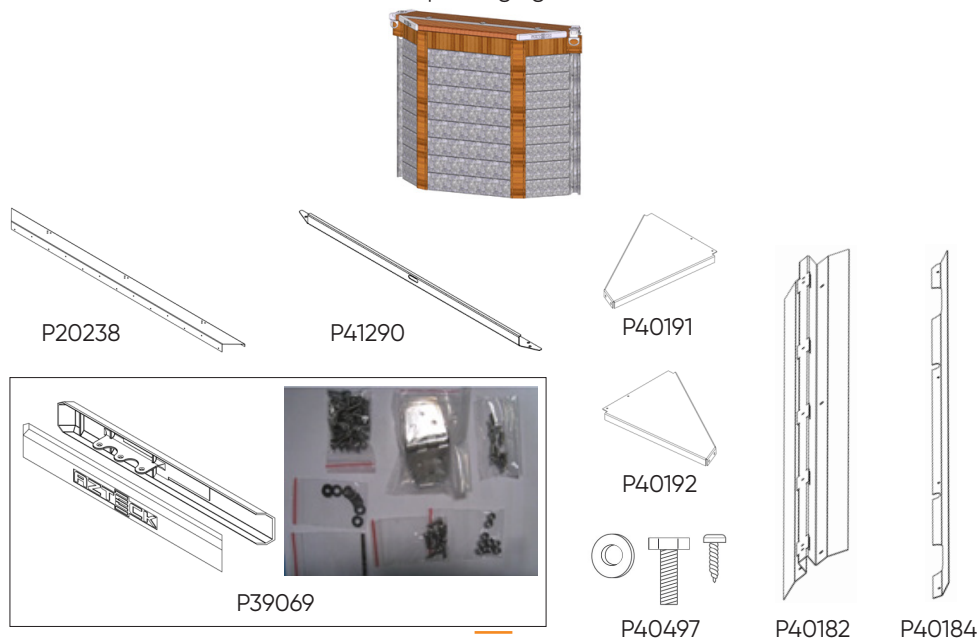
For details of the components that come with your model and their quantities, please refer to the document enclosed in the packaging:



* this component is only supplied with in-ground swimming pools.

METAL STRUCTURE OF THE SKINDRESS

For details of the components that come with your model and their quantities, please refer to the document enclosed in the packaging:



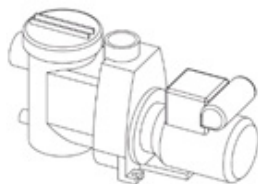
COMPOSITION OF THE POOL KIT

➤ CARTRIDGE FILTRATION (STANDARD)

For details of the components that come with your model and their quantities, please refer to the document enclosed in the packaging:



P40547.3B *tails on next page



PUMP



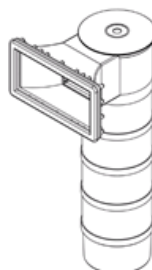
PN50120



P41057



A-P41056.1

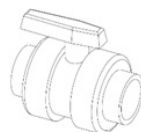


P20559

COMPOSITION OF THE POOL KIT

► * DETAILS OF BOX P40547.3B (INCLUDED IN CARTRIDGE FILTER KIT)

Number	Description	Quantity
RLWL	AZTECK BUSE	1
FIP50	F50 / F50 1/4 TURN VALVE	2
5015EMF	50X63 - 1"1/2 MIXER TIP	1
5090COU	90° PVC ELBOW F50/ F50	10
PT118	POOL TITE glue 118 ml pot	2
BOUHIV	WINTERING PLUG DISCHARGE NOZZLE AZ	1
A-P61415	LARGE DBL SKIM SM03 SEAL	1
590000007	50 Diam fitting for Aqua Plus pump to be glued on	2
5015UNIF	F50/M1"1/2 Hammer Joint	3
TEFLON	12ml Teflon roll	2



FIP50



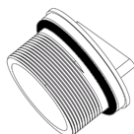
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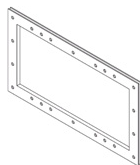
5090COU



RLWL



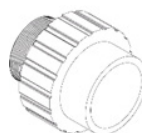
BOUHIV



A-P40182



590000007

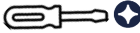












5015UNIF

DESCRIPTION

TOOLS REQUIRED FOR ASSEMBLY



	Phillips screwdriver PZ2
	Screwdriver
	PZ2
	Punch
	Ø18 Con- crete

	
	
	
	Chalk line
	T10 / T13
	

PACKING LIST



2 pallets: 1.83 x 0.83 x 0.20 m - 250 Kg

ASSEMBLY



2 persons



1,5 days

INFORMATION

PREREQUISITES



The water level must be maintained when the cover is installed.



Always wear safety equipment.

You may encounter some sharp parts during installation, so wear safety gloves.

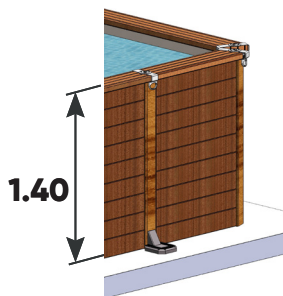


WE RECOMMEND READING ALL THE INSTALLATION STEPS BEFORE INSTALLING THE SYSTEM, TO AVOID UNNECESSARY HANDLING.

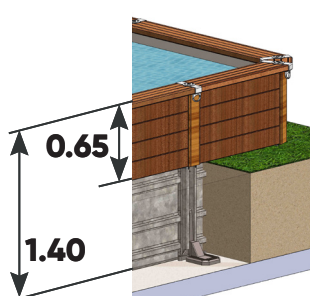
POOL ASSEMBLY

FINISHED POOL SIDE

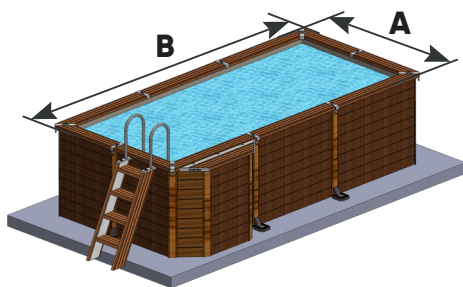
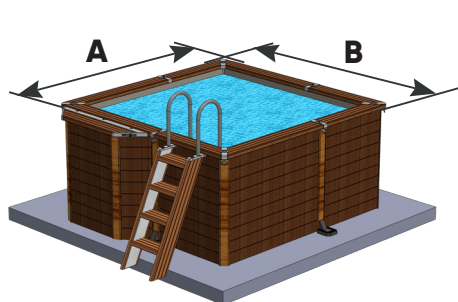
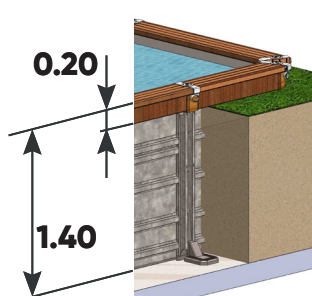
Above-ground pool



Semi-in-ground pool

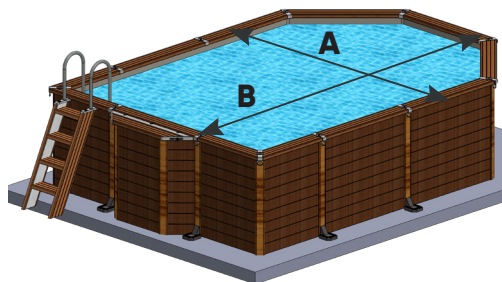
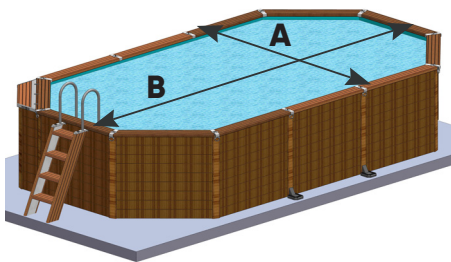
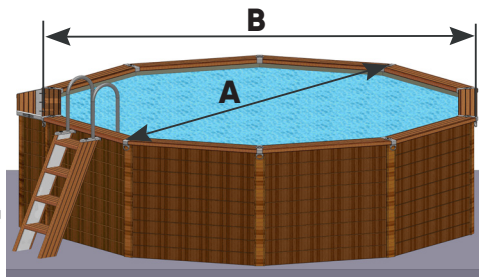
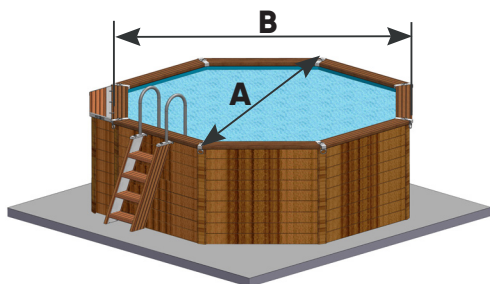


In-ground pool



Shape		A	B
Square	3.00 x 3.00	3.00	3.00
	3.50 x 3.50	3.50	3.50
	4.05 x 4.05	4.05	4.05
Rectangle	2.50 x 5.10	2.50	5.10
	3.00 x 3.50	3.00	3.50
	3.50 x 5.10	3.50	5.10
	3.50 x 6.70	3.50	6.70
	3.50 x 8.30	3.50	8.30
	4.05 x 5.60	4.05	5.60
	4.05 x 7.30	4.05	7.26
	4.05 x 8.90	4.05	8.88

POOL ASSEMBLY



Shape		A	B
Round	4.40	4.40	4.05
	5.40	5.40	5.10
Oval	4.00 x 7.30	4.05	7.26
	4.00 x 8.90	4.05	8.86
	4.00 x 10.50	4.05	10.48
Mixed	4.05 x 5.60	4.05	5.60
	4.05 x 7.30	4.05	7.26
	4.05 x 8.90	4.05	8.88

PREREQUISITES

GENERAL



Please note, the pool will contain thousands of litres of water, meaning a poorly prepared floor, or a badly assembled pool, can cause major damage.

REMINDER: 1000 litres of water = 1 m³ = 1 tonne

Legal obligations: Whatever the set-up, given its permanent nature, prior authorisation must be obtained before putting up an Azteck swimming pool. Consult regulations in force concerning the installation of pools (check with your local council, and in some cases, the condominium rules, etc.).

Read and follow the safety instructions carefully.

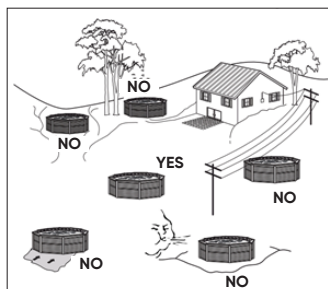
Please do not hesitate to contact our authorised distributors for further information.

The aesthetics and solidity of the pool depend on the care you take during installation.

Your pool is made up of several components. Before assembling your model, examine all the parts and identify them according to the parts list.

CHOICE OF LOCATION

Determine the best location for your pool on the plot. . Never install any part of your pool in a natural drainage basin or in a flood zone.



THE GROUND

The ground on which the pool rests must be firm (no fill), stable, flat, smooth and horizontal. Level ground is essential (no holes, no bumps) to avoid any stresses that could damage your pool.



Very important: beware of water seeping in from a water table.

PREREQUISITES

➤ UNDERGROUND NETWORKS

Check that there are no underground networks (water, gas, electricity, telephone, cables, etc.) where you want to install your pool.

➤ OVERHEAD POWER LINES

As a precaution, never place the pool directly under overhead power lines.

➤ SUNSHINE

If a number of sunny locations are available, it's best to choose those that get the morning sun. The latter has a much higher calorific value than the sun at the end of the day.

➤ WIND

Install the pool away from prevailing winds. A pool exposed to the wind loses a lot of heat through evaporation. Tarpaulins (bubble or winter) exposed to too much wind can deteriorate prematurely.



Please note: the skimmer should always be installed facing the prevailing wind and preferably across the width of the pool.

PREREQUISITES

➤ WATER AND ELECTRICITY SUPPLY

A garden hose is all you need to fill the pool. When it comes to discharging water for cleaning the filter or emptying the pool, check regulations in force (see your local council).

Your pool's power supply must comply with current regulations (CENELEC standard HD384, see NF C15-100 for France). Contact a qualified professional to ensure that this is the case.



Use a socket fitted with a 30 mA GFCI breaker. Ask a specialist compliance with standards.

➤ FULL POOL

A pool should always be full, whatever the season. It should not be emptied, except for short-term maintenance or when the pool is being taken down.

➤ STANDARDISED SAFETY DEVICE

In France, for in-ground or semi-in-ground pools, the law of 3 January 2003 requires a standardised safety system to prevent the risk of drowning (fence, alarm, safety shutter, etc.). Check with your distributor and specialists that the system you choose suits your plans and offers the best possible safety.

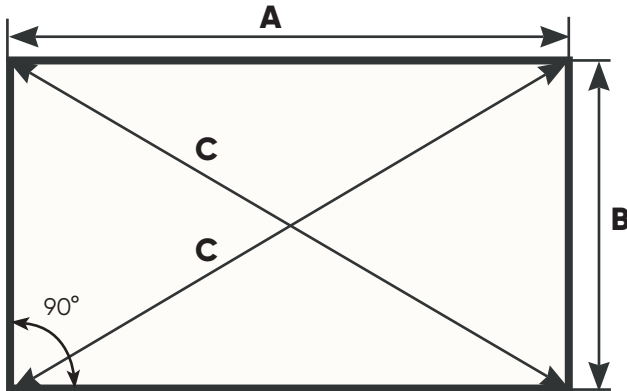
PREREQUISITES

PREPARING THE GROUND

Consult and have the work carried out by specialists such as architects, earth builders, bricklayers, pool builders, plumbers, electricians and others if necessary, so that layout and installation work is carried out in accordance with best practice and current standards and regulations in the country where the pool is to be installed.

PREREQUISITES

DIMENSIONS OF THE HOLE



Shape		A	B	C
Square	3.00 x 3.00	4.20	4.20	5.94
	3.50 x 3.50	4.70	4.70	6.65
	4.05 x 4.05	5.20	5.20	7.35
Rectangle	2.50 x 5.10	6.40	3.70	7.39
	3.00 x 3.50	5.10	4.20	6.61
	3.50 x 5.10	6.30	4.70	7.86
	3.50 x 6.70	7.90	4.70	9.19
	3.50 x 8.30	9.50	4.70	10.60
	4.05 x 5.60	6.80	5.20	8.56
	4.05 x 7.30	8.40	5.20	9.88
	4.05 x 8.90	10.00	5.20	11.27
Round	4.40	5.00	5.00	7.07
	5.40	6.00	6.00	8.49
Oval	4.00 x 7.30	8.40	5.20	9.88
	4.00 x 8.90	10.00	5.20	11.27
	4.00 x 10.50	11.60	5.20	12.71
Mixed	4.05 x 5.60	6.80	5.20	8.56
	4.05 x 7.30	8.40	5.20	9.88
	4.00 x 8.90	10.00	5.20	11.27

PREREQUISITES

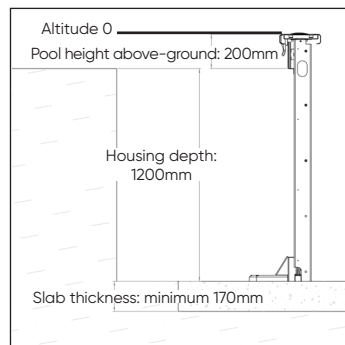
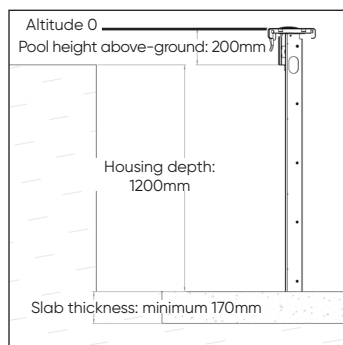
➤ DEPTH OF THE HOLE

Determine and mark the 0 point (altitude of the top of the finished pool coping).

Excavate to the depth required for the different types of layout:

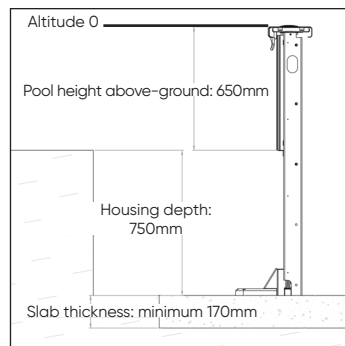
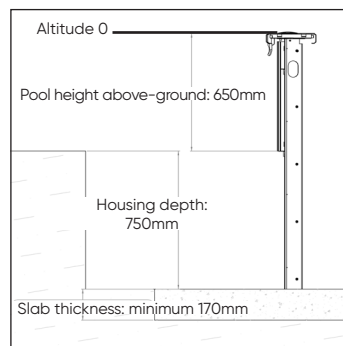
In-ground pool:

Excavation of 1370mm
(1200mm + 170mm)



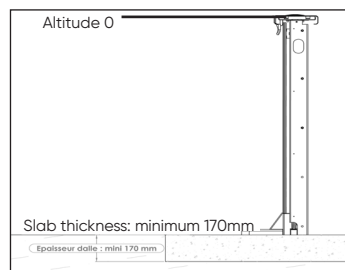
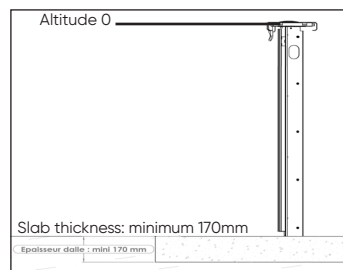
Semi-in-ground pool:

Excavation of 920mm
(750mm + 170mm)



Above-ground pool:

Excavation of 170mm



Depending on the ground, check that this depth is enough to reach a supporting floor. If this is not the case, you will have to consider digging deeper, then compacting stabilised soil with non-compressible materials to the right depth for the floor.

PREREQUISITES

PREPARING THE FLOOR

Consult and have the work carried out by specialists such as architects, earth builders, bricklayers, pool builders, plumbers, electricians and others if necessary, to ensure that layout and installation work is carried out in accordance with best practice and standards and regulations in force in the country where the pool is to be installed.



The floor must be at least 17 cm thick, with welded mesh, concrete of the CPJ 45 type with a dosage of 350 kg/m³, fully tamped and vibrated. Be aware that any imperfections in the floor will be visible when the pool is filled with water. Check that the surface is flat and perfectly finished.

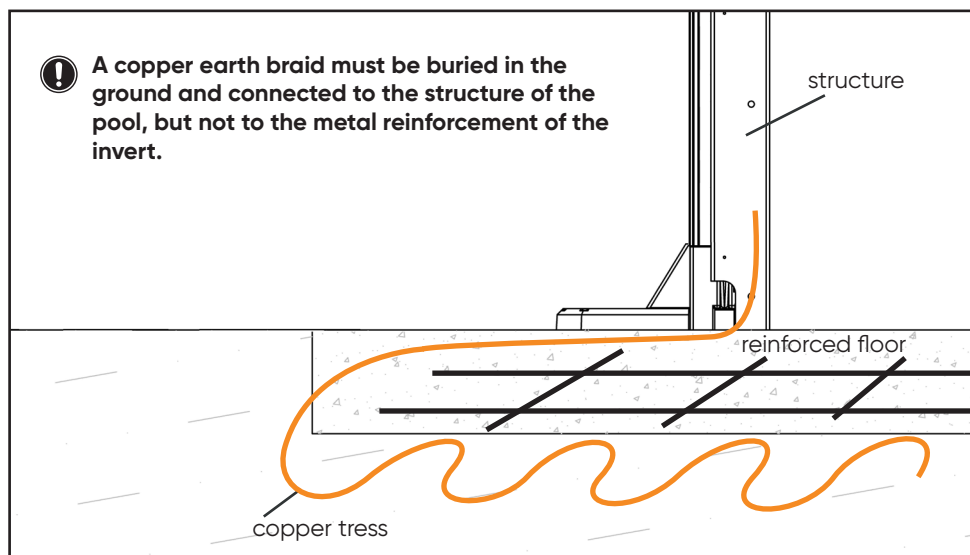
The effort and care you put into preparing foundations can make a big difference to the lifespan of your pool and liner.

IMPORTANT: The concrete slab takes around 21 days to dry fully. The strength of the cast iron feet and their attachment depend on it.

EARTHING THE STRUCTURE (REQUIREMENT NF C15-100)

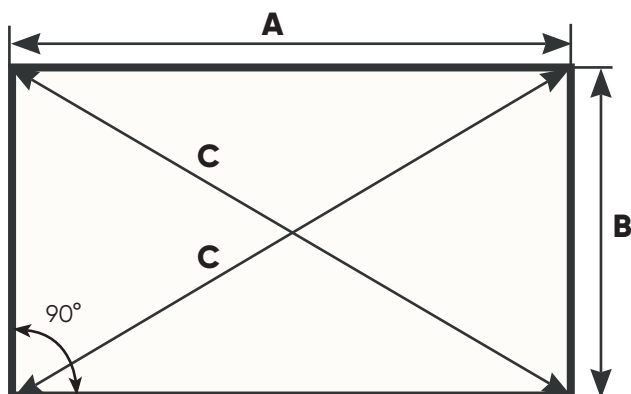


A copper earth braid must be buried in the ground and connected to the structure of the pool, but not to the metal reinforcement of the invert.



PREREQUISITES

DIMENSIONS OF THE FLOOR



Shape		A	B	C
Square	3.00 x 3.00	3.80	3.80	5.37
	3.50 x 3.50	4.30	4.30	6.08
	4.05 x 4.05	4.80	4.80	6.80
Rectangle	2.50 x 5.10	6.00	3.30	6.85
	3.00 x 3.50	4.20	3.80	5.65
	3.50 x 5.10	5.90	4.30	7.30
	3.50 x 6.70	7.50	4.30	8.65
	3.50 x 8.30	9.10	4.30	10.06
	4.05 x 5.60	6.40	4.80	8.00
	4.05 x 7.30	8.00	4.80	9.33
	4.05 x 8.90	9.60	4.80	10.77
Round	4.40	4.60	4.60	6.50
	5.50	5.60	5.60	7.92
Oval	4.00 x 7.30	8.00	4.80	9.33
	4.00 x 8.90	9.60	4.80	10.73
	4.00 x 10.50	11.20	4.80	12.18
Mixed	4.05 x 5.60	6.40	4.80	8.00
	4.05 x 7.30	8.00	4.80	9.33
	4.00 x 8.90	9.60	4.80	10.73

POOL ASSEMBLY

ASSEMBLY OF THE METAL STRUCTURE OF THE POOL



➤ **SCAN TO VIEW THE
ASSEMBLY OF AN AZTECK
SWIMMING POOL!**

FIRST DOWNLOAD A FREE QR READER.



➤ GROUND MARKINGS

! Plan the positioning of the steps, Skimdress and cast-iron feet on the slab.

Before assembling your metal structure, take a piece of chalk and trace the shape of your pool on the ground using the measurements below (these represent the inside dimensions of the pool).

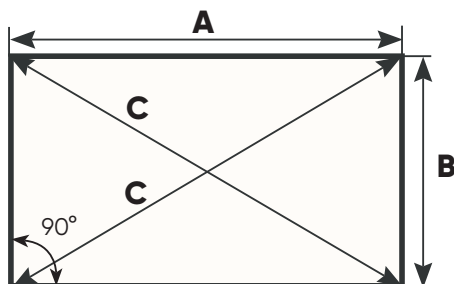
Reminder: At least 3 people wearing gloves are needed to carry out this operation.

Tools needed to assemble the structure

- Pair of gloves
- Punch with 18 mm concrete bit
- Spanner or screwdriver with 13" bit
- 19" bit spanner
- Spanner or screwdriver with 10" bit
- 24" bit spanner

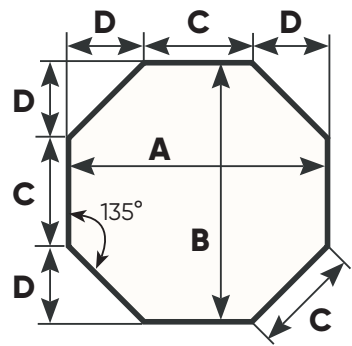
POOL ASSEMBLY

➤ MARKING THE INSIDE DIMENSIONS OF THE PANELS ON THE GROUND

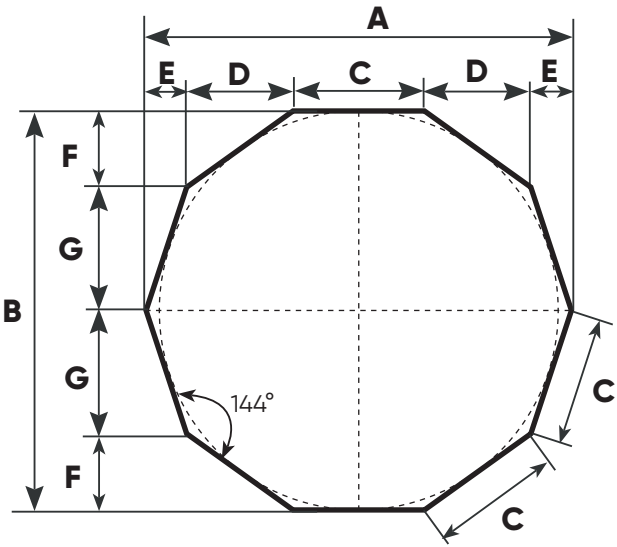


Shape		A	B	C
Square	3.00 x 3.00	2.63	2.63	3.72
	3.50 x 3.50	3.16	3.16	4.47
	4.05 x 4.05	3.71	3.71	5.25
Rectangle	2.50 x 5.10	4.77	2.10	5.21
	3.00 x 3.50	3.16	2.63	4.11
	3.50 x 5.10	4.77	3.16	5.72
	3.50 x 6.70	6.39	3.16	7.12
	3.50 x 8.30	8.00	3.16	8.60
	4.05 x 5.60	5.33	3.71	6.49
	4.05 x 7.30	6.94	3.71	7.87
	4.05 x 8.90	8.55	3.71	9.32

POOL ASSEMBLY

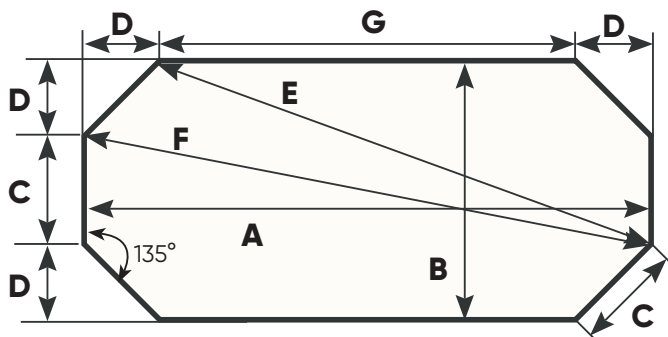


Shape		A	B	C	D
Round	4.40	3.71	3.71	1.54	1.09

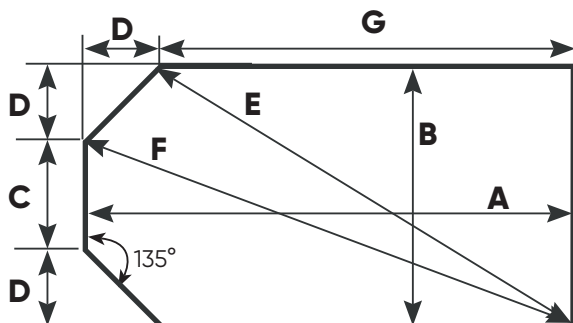


Shape		A	B	C	D	E	F	G
Round	5.40	5.00	Ø4.76	1.54	1.25	0.48	0.9	1.47

POOL ASSEMBLY



Shape		A	B	C	D	E	F	G
Oval	4.00 x 5.60	5.23	3.71	1.54	1.09	4.9	4.45	3.05
	4.00 x 7.30	6.93	3.71	1.54	1.09	6.40	7.10	4.75
	4.00 x 8.90	8.54	3.71	1.54	1.09	7.90	8.67	6.36

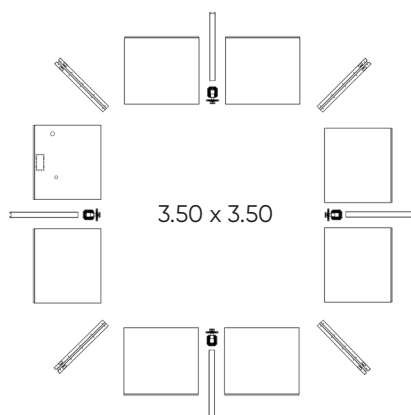
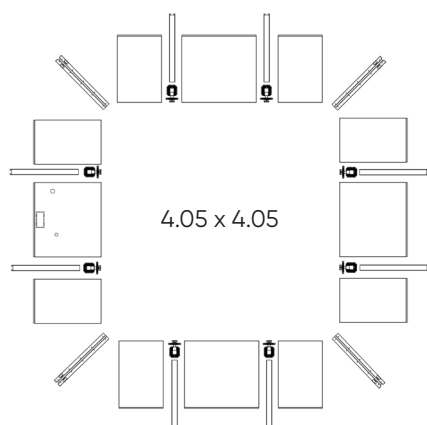
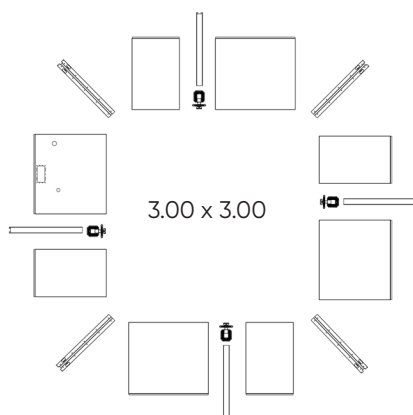
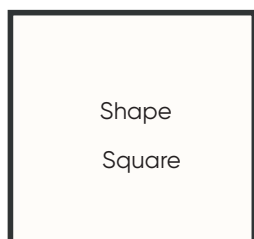


Shape		A	B	C	D	E	F	G
Mixed	4.05 x 5.60	5.33	3.71	1.54	1.09	5.63	5.94	4.24
	4.05 x 7.30	6.94	3.71	1.54	1.09	6.93	7.42	5.85
	4.00 x 8.90	8.55	3.71	1.54	1.09	8.34	8.95	7.46

POOL ASSEMBLY

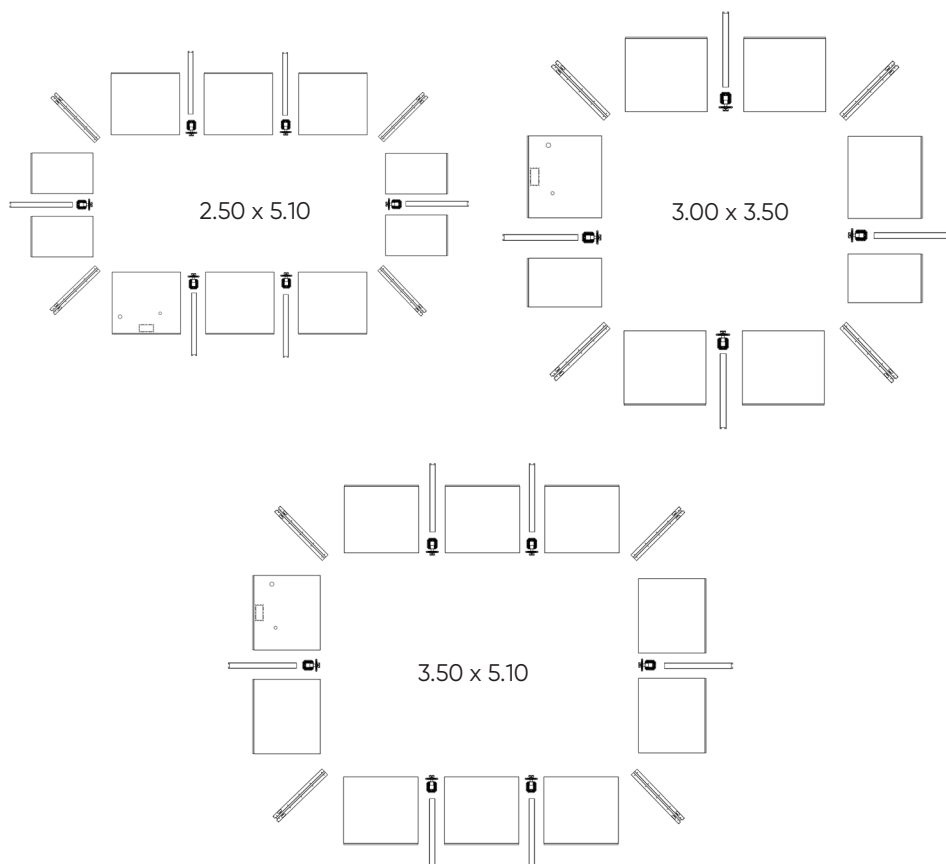
LAYOUT OF PANELS AND BEAMS

After tracing the dimensions of the pool, place the panels, cast-iron feet and posts on the ground along the route.

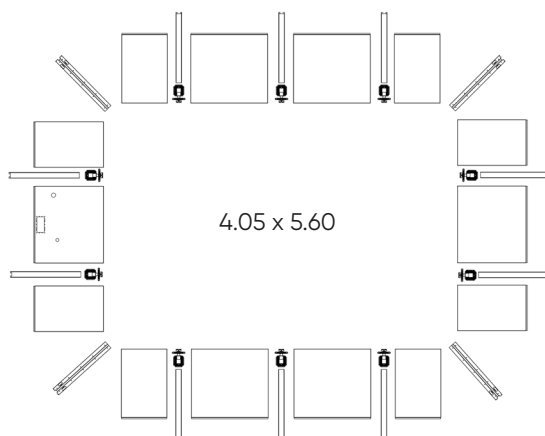
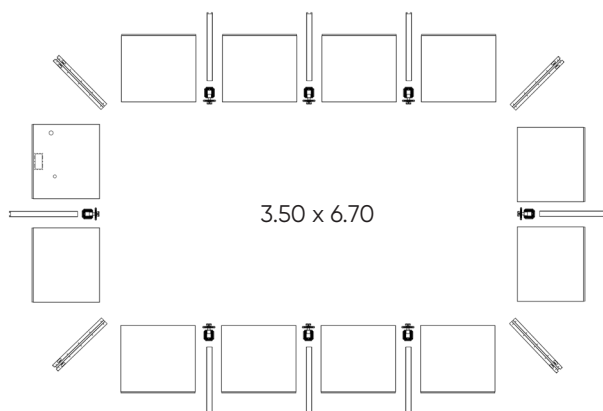


POOL ASSEMBLY

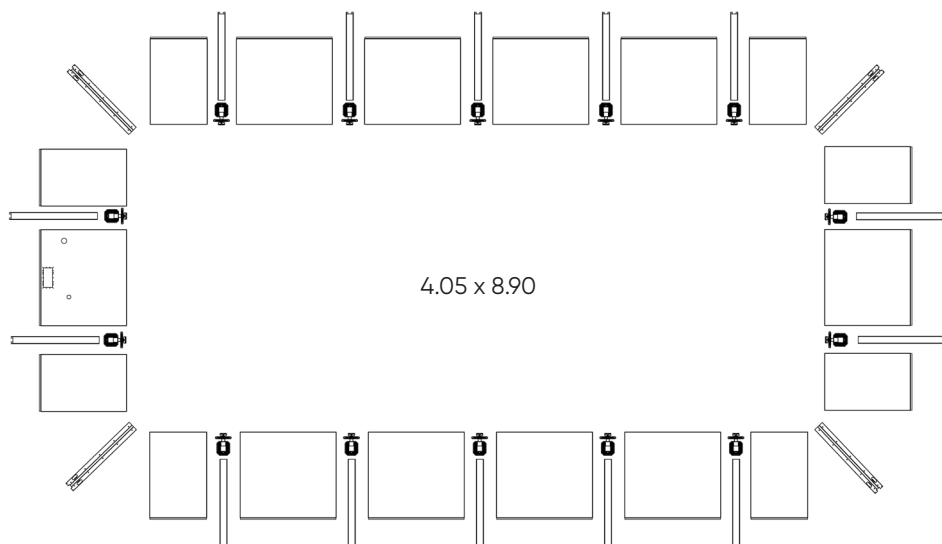
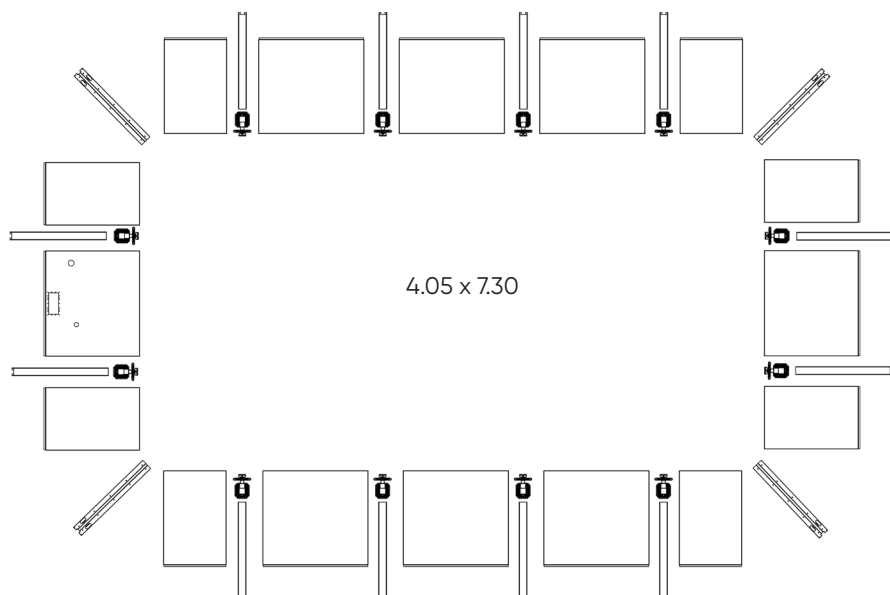
Shape
Rectangle



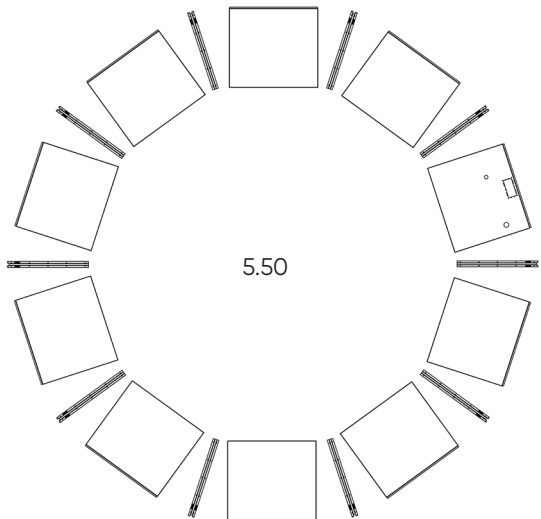
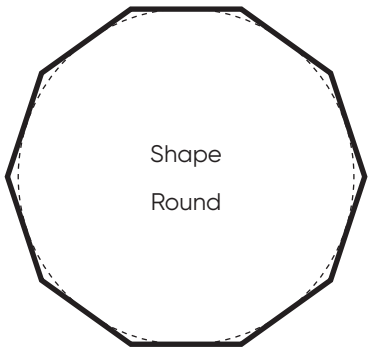
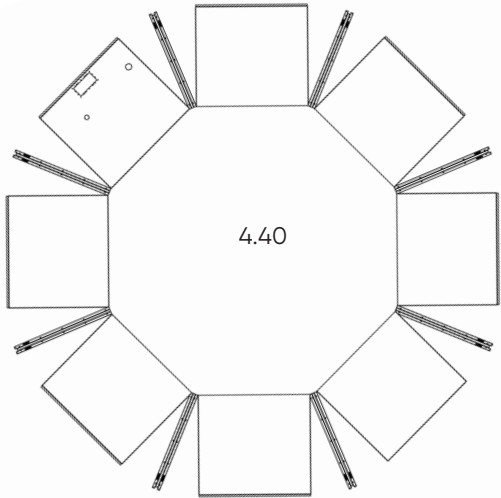
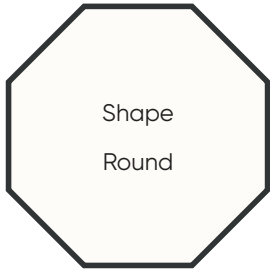
POOL ASSEMBLY



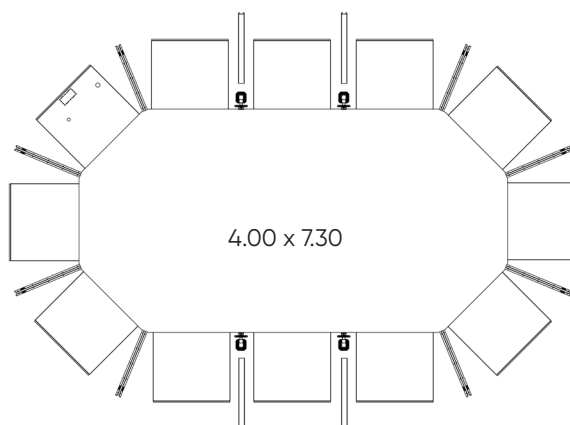
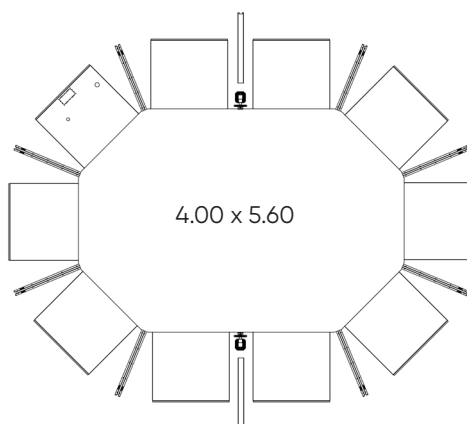
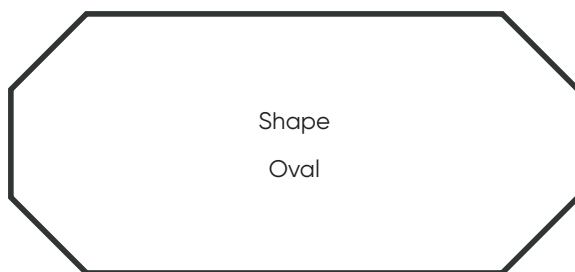
POOL ASSEMBLY



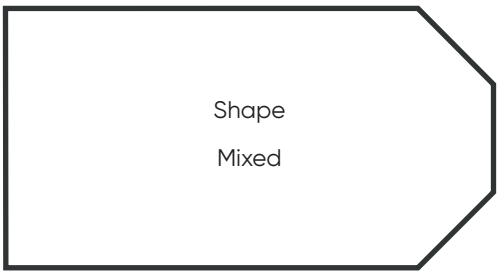
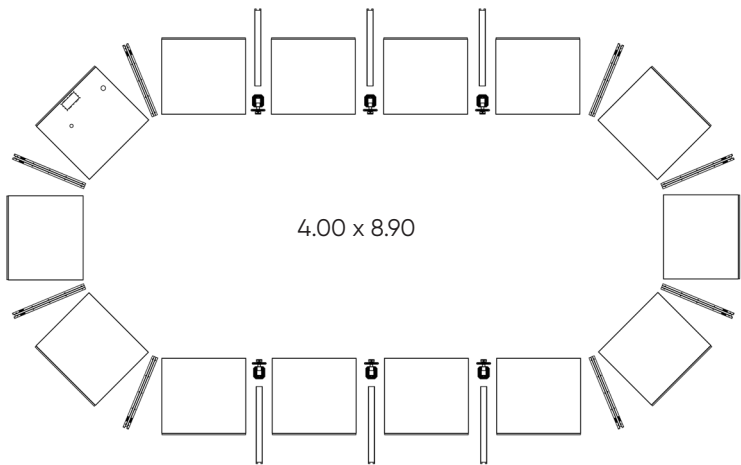
POOL ASSEMBLY



POOL ASSEMBLY

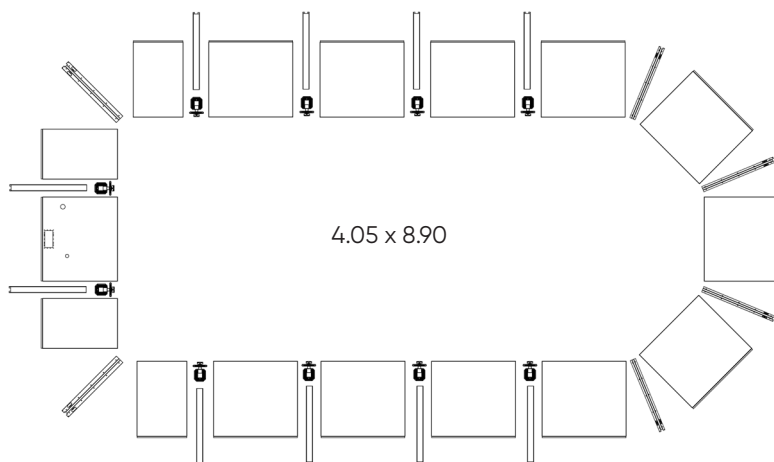
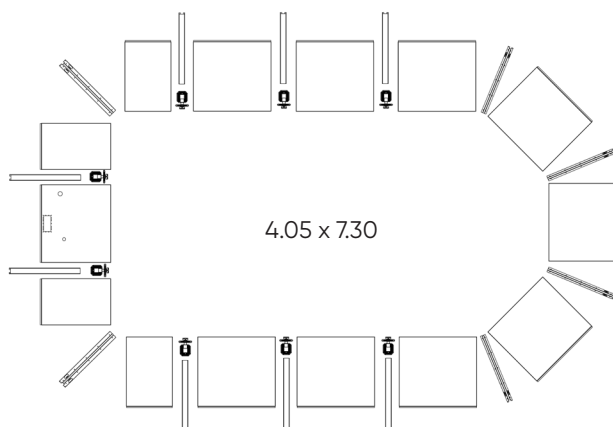


POOL ASSEMBLY



4.05 x 5.60

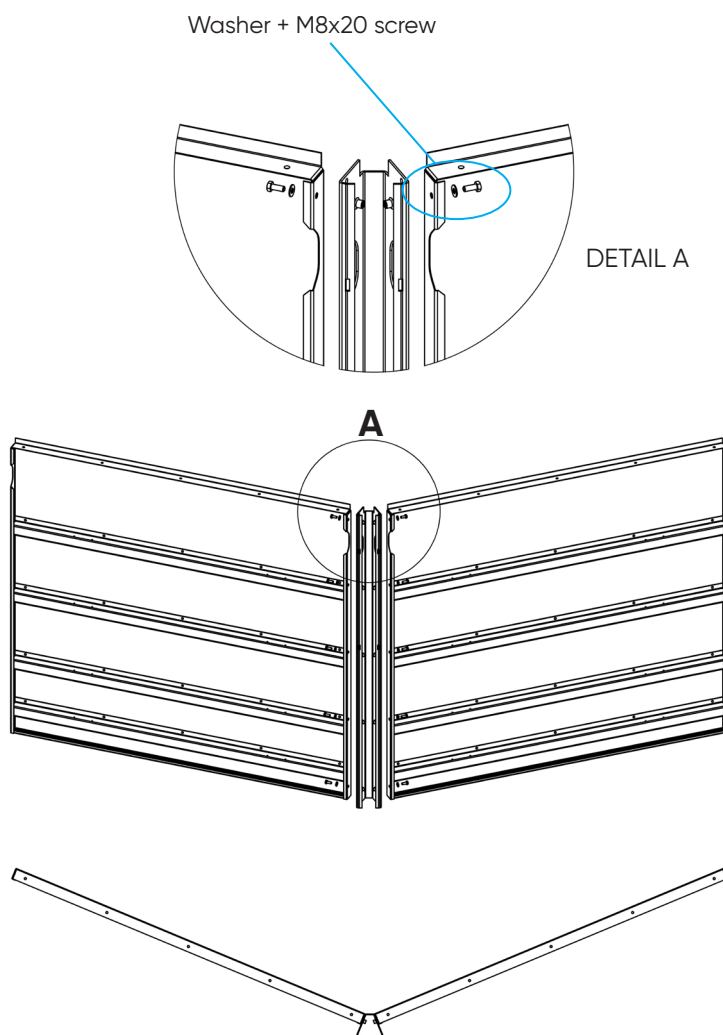
POOL ASSEMBLY



POOL ASSEMBLY

➤ ASSEMBLY OF THE ANGLED CORNERS

Pool type: ROUND / OVAL / MIXED



POOL ASSEMBLY

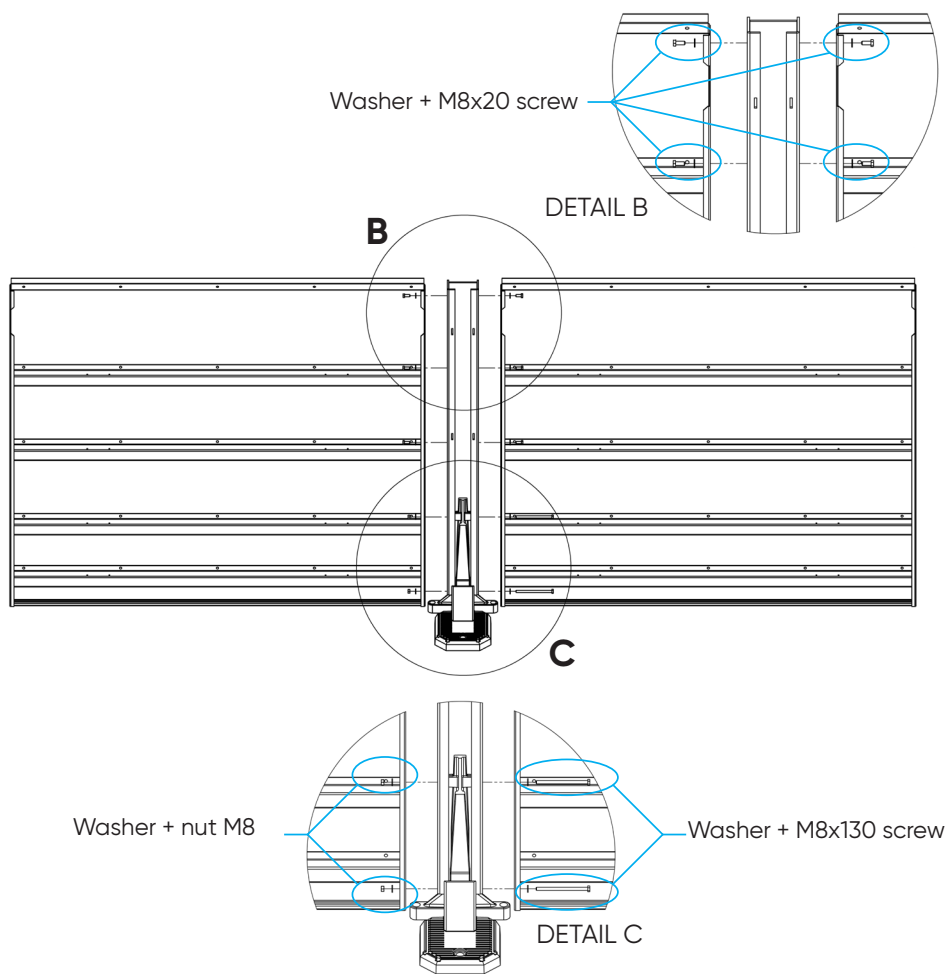
ASSEMBLY OF A STRAIGHT SECTION

Pool type: SQUARE / RECTANGLE / OVAL / MIXED

Start by inserting a beam into a cast iron foot.

Fix the cast iron base/post/panel assembly using the screws (M8 x 130), washers and nuts (detail C).

Fix the post to the panels using the screws (M8 x 20) and washers (Detail B).

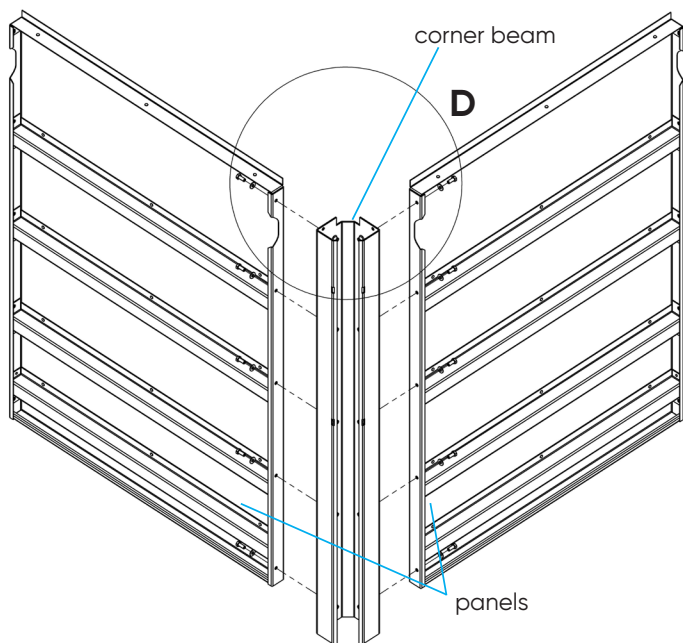
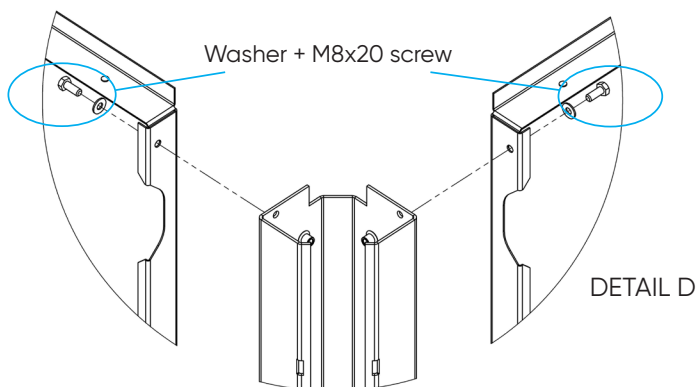


POOL ASSEMBLY

90° CORNER ASSEMBLY

Pool type: SQUARE / RECTANGLE / MIXED

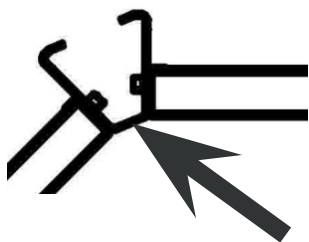
Secure the upright/panel assembly using screws (M8 x 20) and washers.



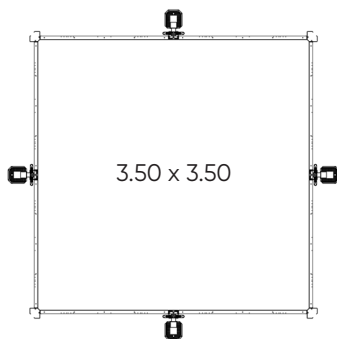
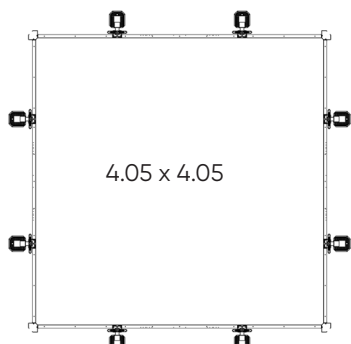
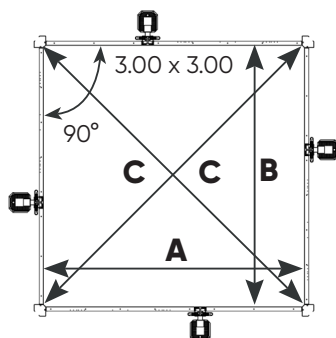
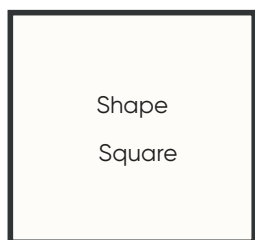
POOL ASSEMBLY

CHECKING THE POOL DIMENSIONS

Once all the panels and beams have been assembled, check the inside dimensions of the pool against the plan below.



take your measurements in the middle of the corners.

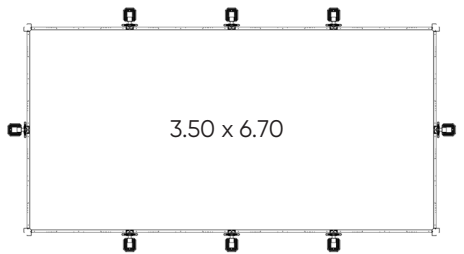
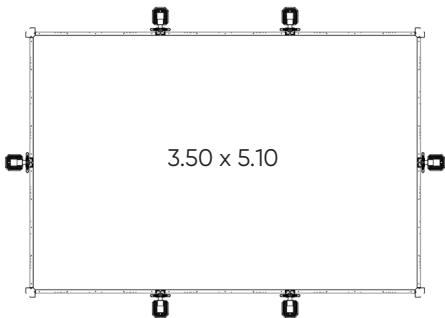
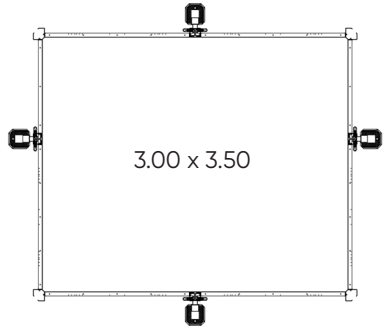
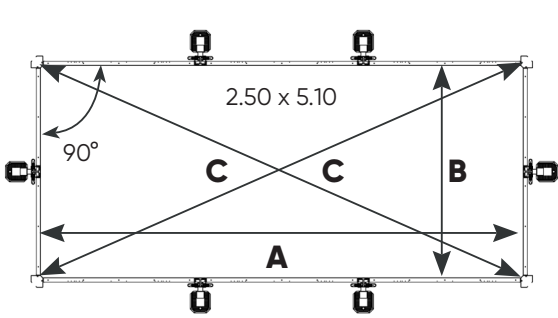


Shape		A	B	C
Square	3.00 x 3.00	2.63	2.63	3.69
	3.50 x 3.50	3.16	3.16	4.44
	4.05 x 4.05	3.71	3.71	5.22

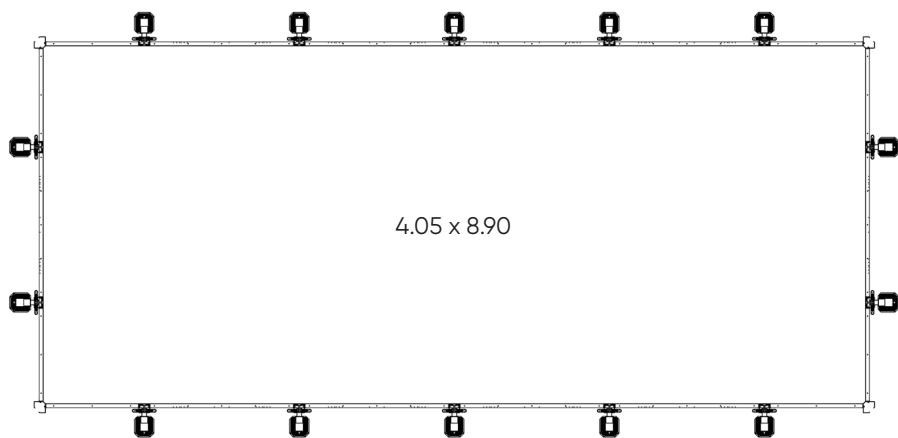
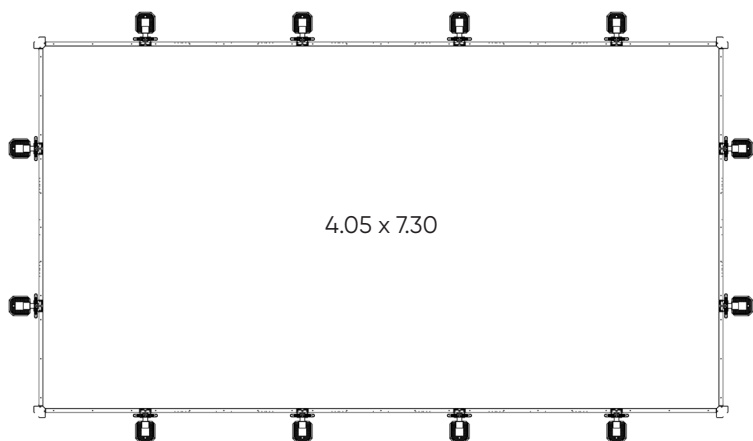
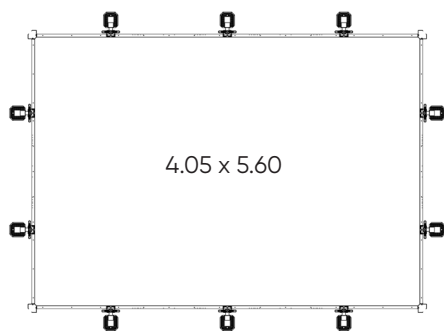
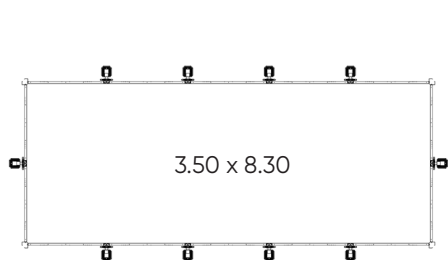
POOL ASSEMBLY

Shape
Rectangle

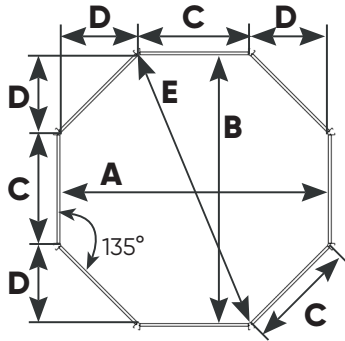
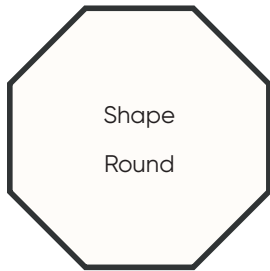
Shape		A	B	C
Rectangle	2.50 x 5.10	4.77	2.10	5.18
	3.00 x 3.50	3.16	2.63	4.08
	3.50 x 5.10	4.77	3.16	5.69
	3.50 x 6.70	6.39	3.16	7.09
	3.50 x 8.30	8.00	3.16	8.57
	4.05 x 5.60	5.33	3.71	6.46
	4.05 x 7.30	6.94	3.71	7.84
	4.05 x 8.90	8.55	3.71	9.29



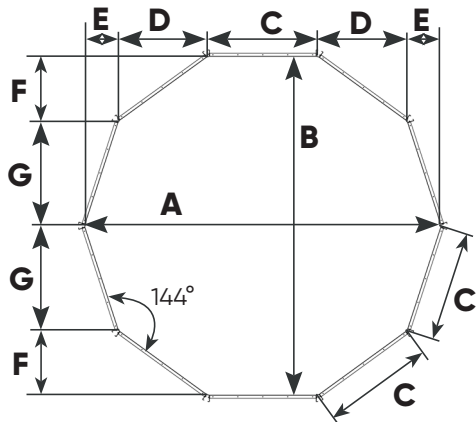
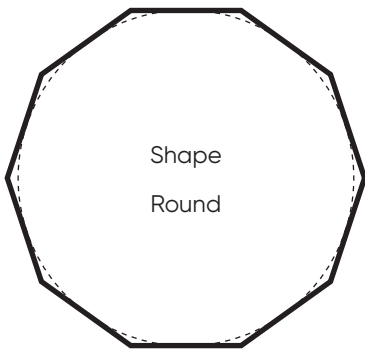
POOL ASSEMBLY



POOL ASSEMBLY

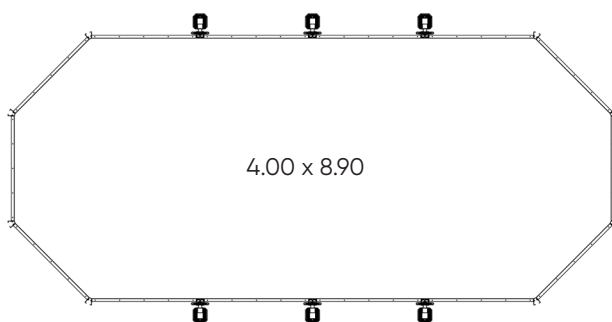
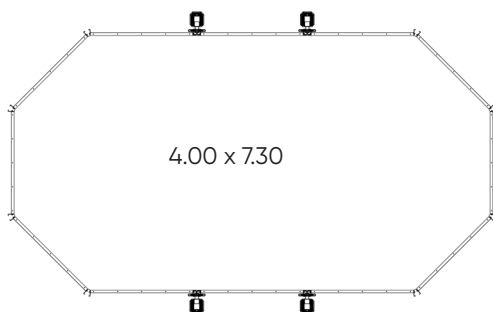
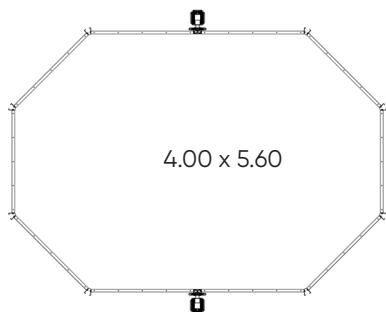
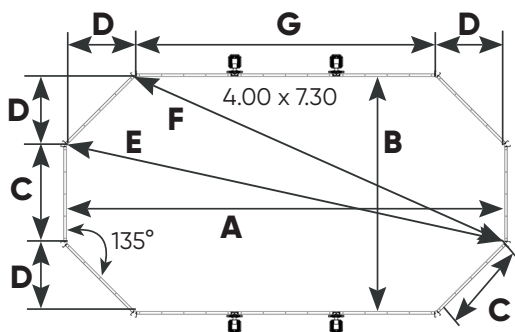
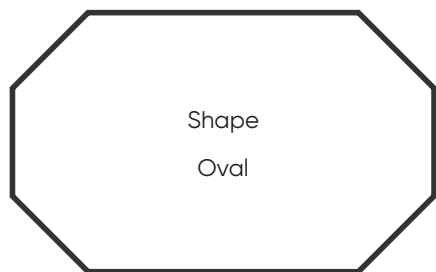


Shape		A	B	C	D	E
Round	4.40	3.71	3.71	1.54	1.09	4.00



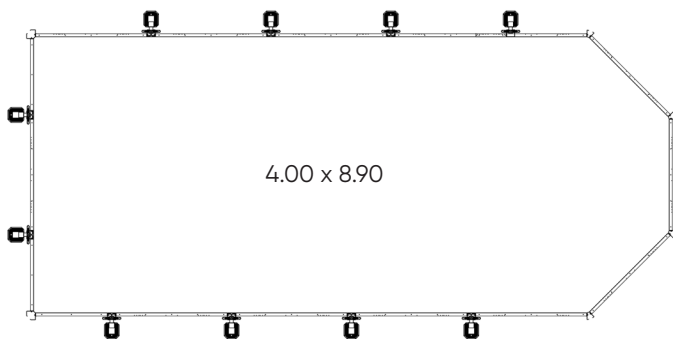
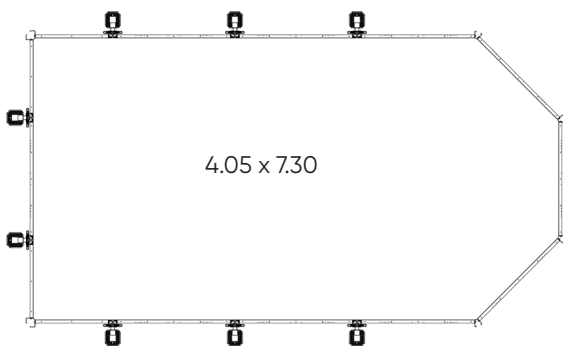
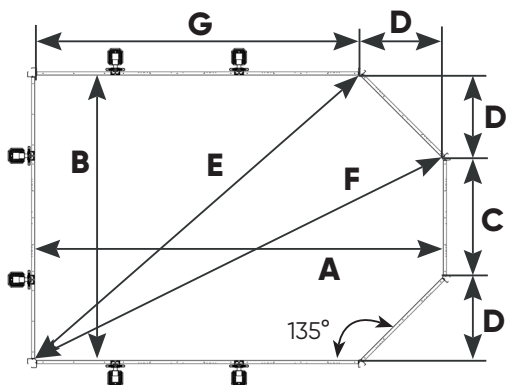
Shape		A	B	C	D	E	F	G
Round	5.40	4.99	4.76	1.54	1.25	0.48	0.91	1.46

POOL ASSEMBLY



Shape		A	B	C	D	E	F	G
Oval	4.00 x 5.60	5.23	3.71	1.54	1.09	5.45	4.9	3.05
	4.00 x 7.30	6.93	3.71	1.54	1.09	7.08	6.39	4.75
	4.00 x 8.90	8.54	3.71	1.54	1.09	8.66	7.89	6.36

POOL ASSEMBLY



Shape		A	B	C	D	E	F	G
Mixed	4.05 x 5.60	5.33	3.71	1.54	1.09	5.61	5.92	4.24
	4.05 x 7.30	6.94	3.71	1.54	1.09	6.91	7.40	5.85
	4.00 x 8.90	7.46	3.71	1.54	1.09	8.32	8.92	7.46

POOL ASSEMBLY

FLOOR MOUNTING FOR CAST-IRON FEET

Pool type: SQUARE / RECTANGLE / OVAL / MIXED

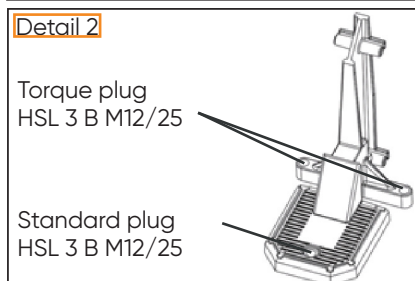
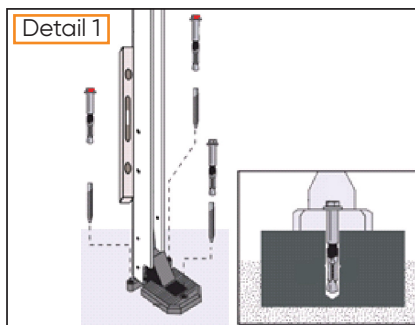
After:

- assembling the structure
- checking the positioning
- checking the diagonals

1. Using an 18 mm concrete drill bit, drill holes in the slab through the holes in the cast-iron feet.



2. Place the plug loosely in the holes, respecting the position of the torque plugs.

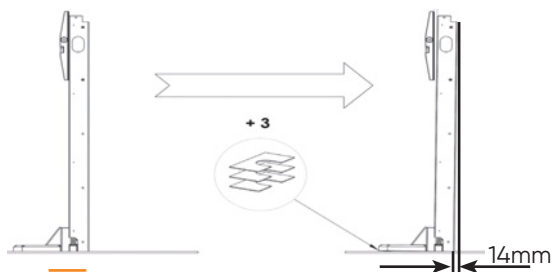


Note:

A torque plug is distinguished from a standard plug by its red nut. When screwed on, this red nut breaks when the recommended tightening torque of 80 Nm is reached.

Mandatory:

- Use a spirit level to check that the assembly is vertical, and prop up the cast iron base if necessary.
- Once the structure is level, add three shims under the outermost peg to compensate for water pressure.
- Place a plumb line running from the top of the beam to the inside of the pool.
- Check that the clearance created is 14mm. (see diagram)



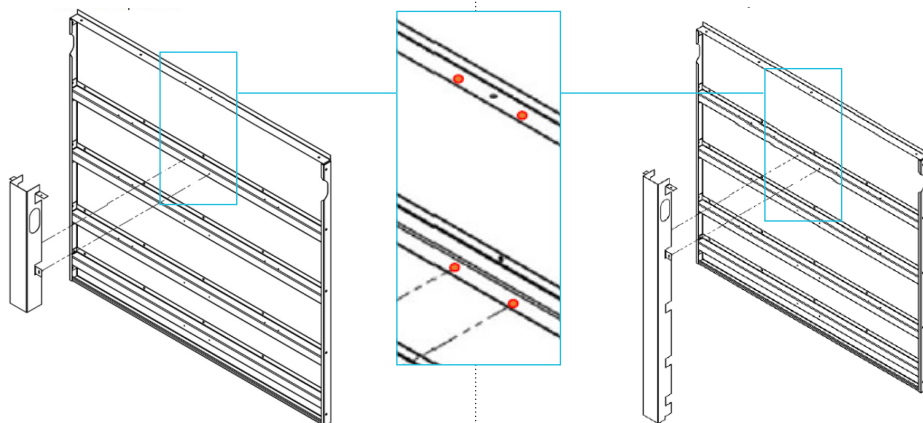
POOL ASSEMBLY

➤ ATTACHING REINFORCEMENTS

1. Centre the reinforcement in relation to the 1.50 m panel, aligning the holes in the reinforcement with the holes in the panel.

Semi-in-ground version

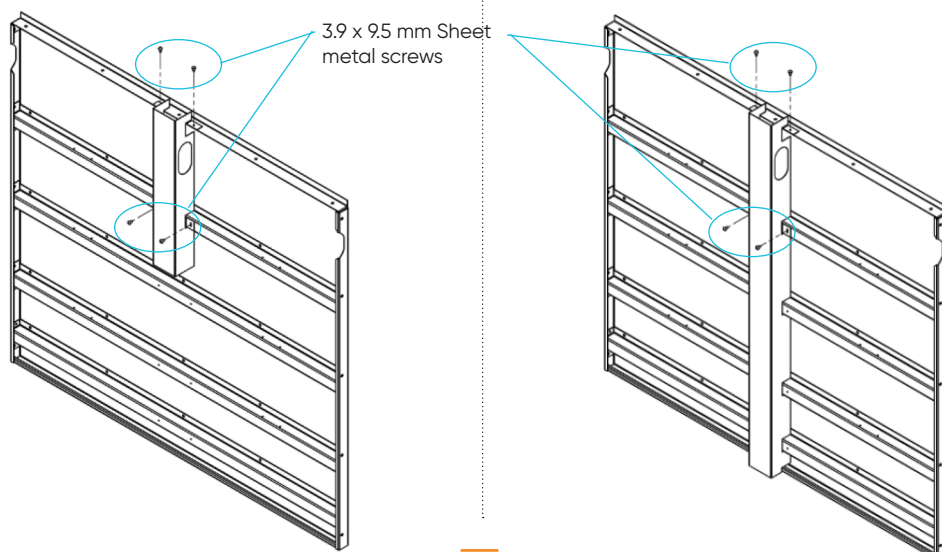
Above-ground version



2. Then fix the reinforcement using the sheet metal screws.

Semi-in-ground version

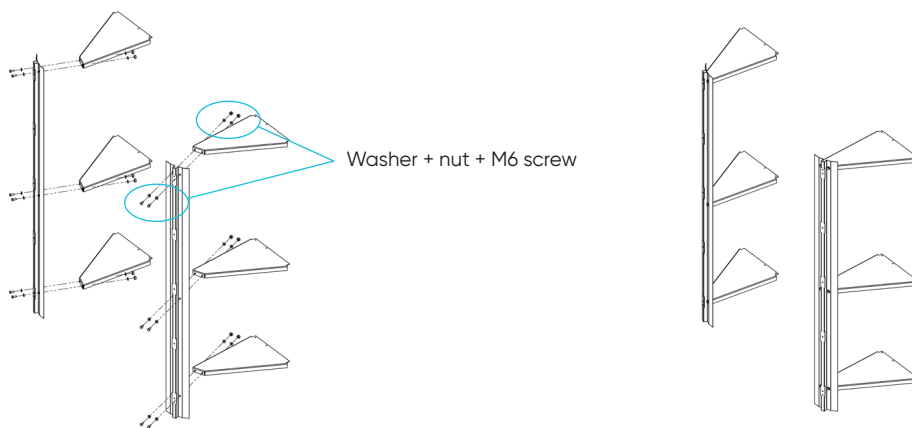
Above-ground version



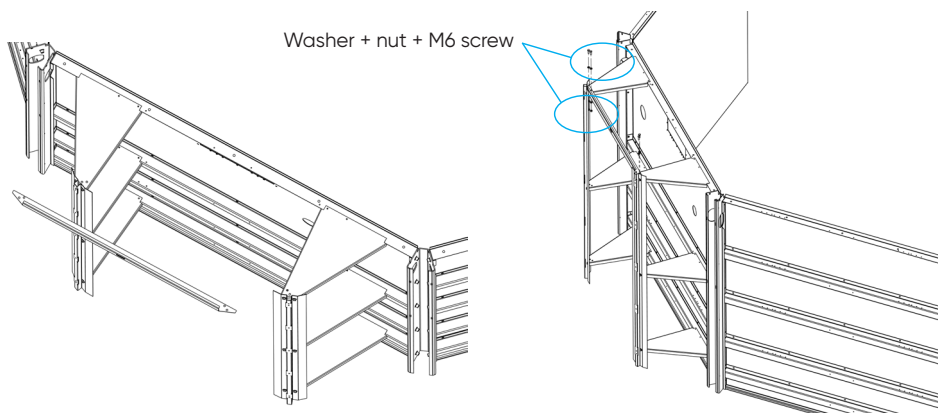
POOL ASSEMBLY

FITTING THE METAL STRUCTURE OF THE SKIMDRESS

1. Assemble the Skimdress uprights and brackets using M6 screws, washers and nuts.

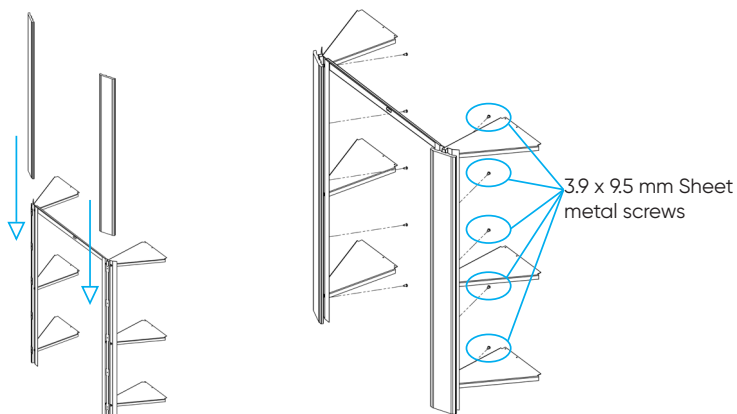


2. Install the Skimdress safety bracket using M6 screws, washers and nuts.



POOL ASSEMBLY

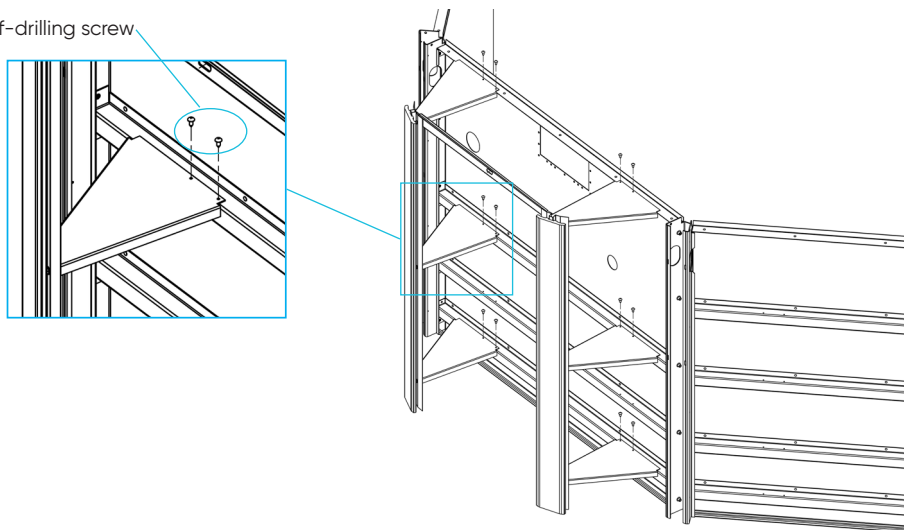
3. Assemble the composite wood uprights by sliding them into the metal uprights, then fix with 3.9 x 9.5 mm sheet metal screws.



4. Fix this assembly to the skimmer panel using the self-drilling screws in the pre-drilled holes.

CAUTION: if the skimmer panel is fitted next to a 90° corner post, offset its installation using the holes closest to the corner. (do not centre it on the panel)

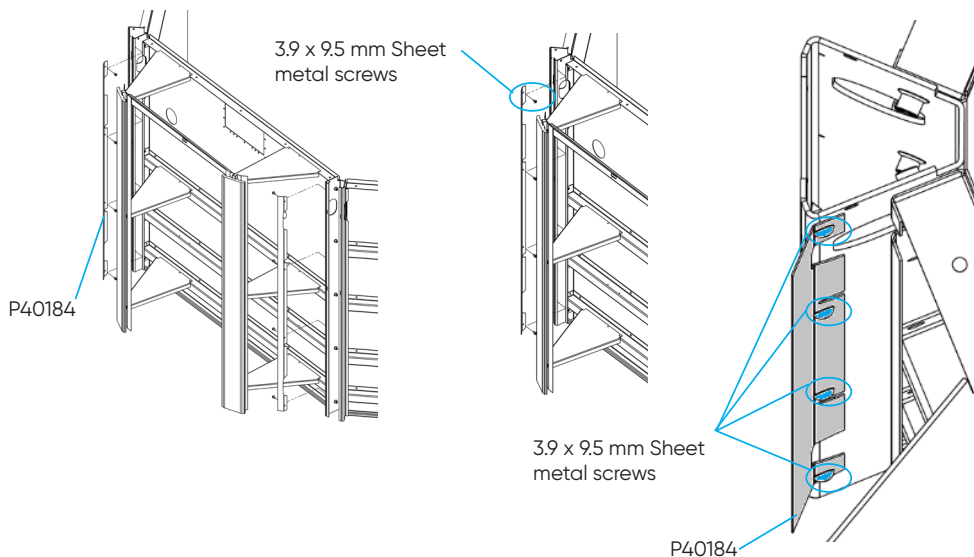
Self-drilling screw



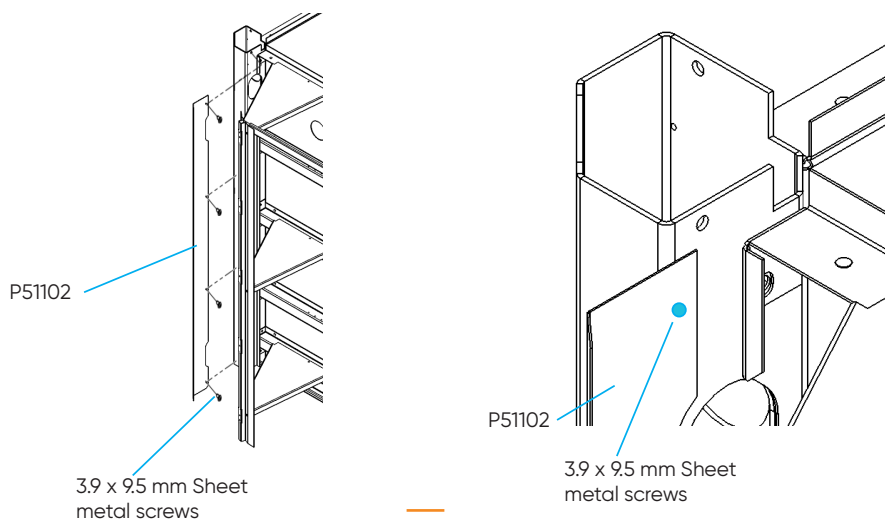
POOL ASSEMBLY

5. Install the composite post brackets on the Skimdress posts using the 3.9 x 9.5 mm screws.

➤ Attachment to 45° beam



➤ ATTACHMENT TO 90° BEAM



POOL ASSEMBLY

INSTALLATION OF PARTS TO BE SEALED

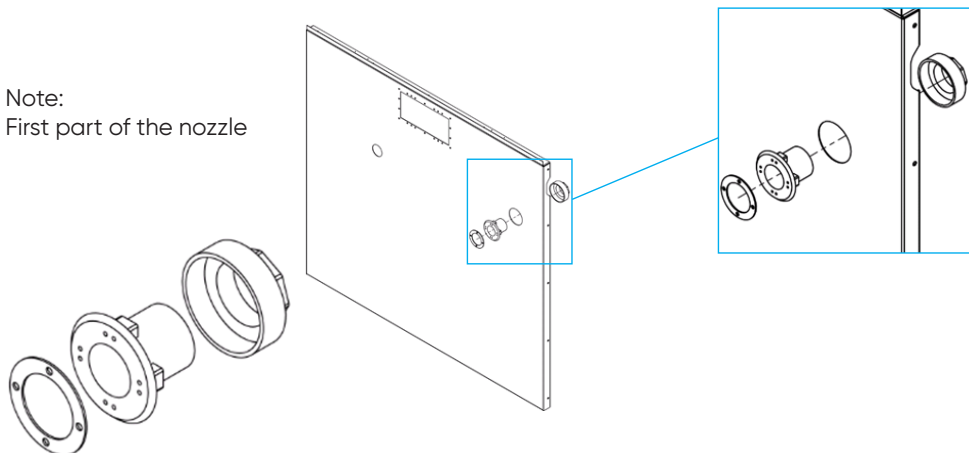


At this stage of assembly, you need to install the first elements of the skimmer and discharge nozzle. Make sure you apply Zinc Spray to each panel cut-out before installation.

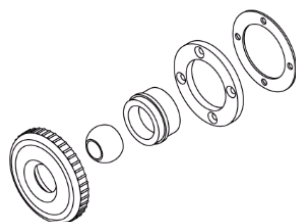
➤ INSTALLATION OF THE FIRST PART OF THE DISCHARGE NOZZLE

Insert the double seal into the cut-out in the skimmer panel.

Note:
First part of the nozzle



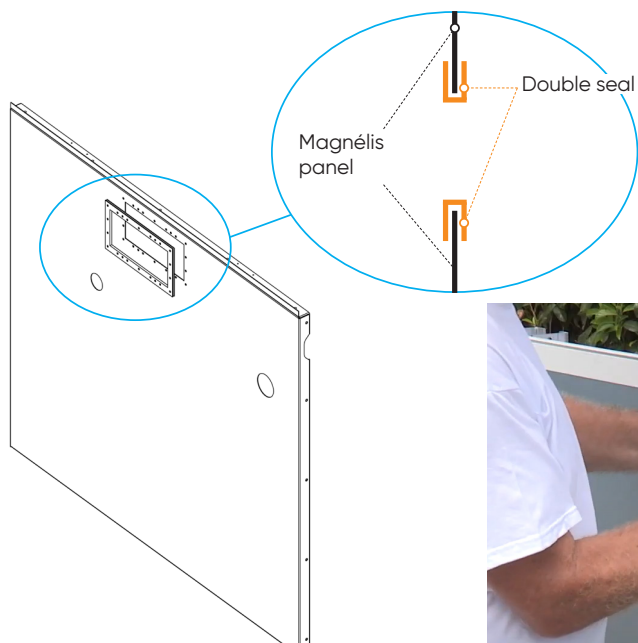
Second part of THE nozzle
(not used at present)



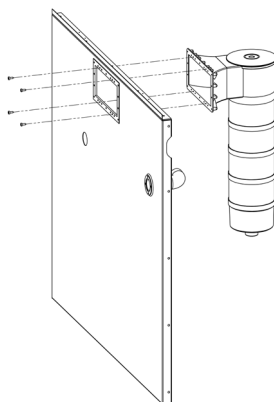
POOL ASSEMBLY

➤ FITTING THE FIRST PART OF THE SKIMMER

First, take the double neoprene seal and pass it through both sides of the cut-out.



Assemble the skimmer on the panel using the 4 pre-fixing screws (not to be confused with the holes for fixing the flange).

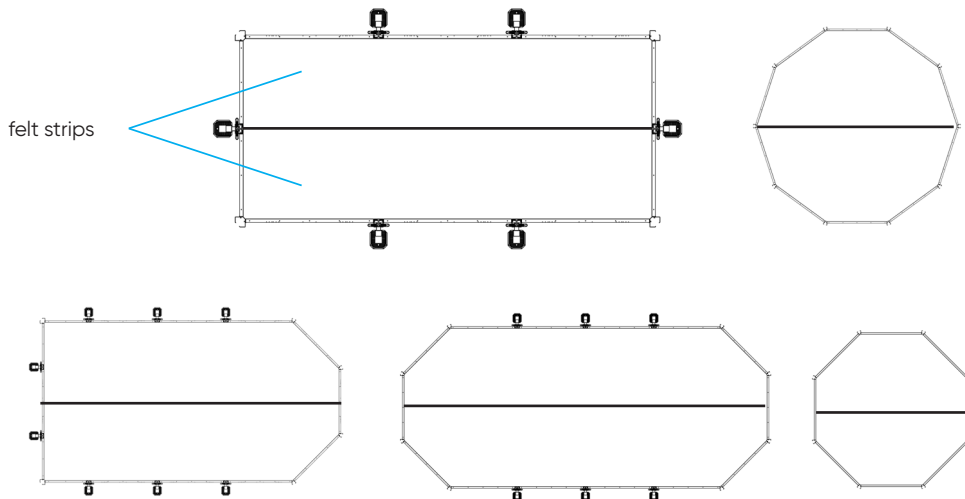


POOL ASSEMBLY

INSTALLATION OF THE FELT AND LINER

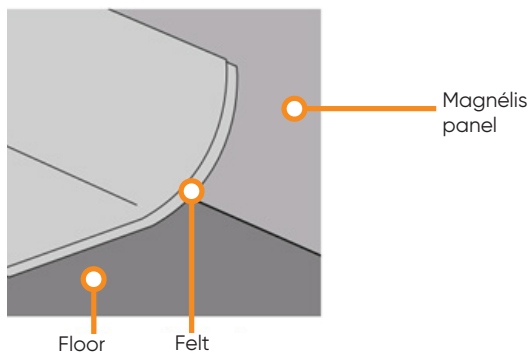
➤ LAYING THE FELT

We recommend centring the felt strips in relation to the pool.



Using a spray of neoprene glue (not supplied), secure the felt panels together, edge to edge and without overlapping, by pushing it up slightly on the bottom of the panels, so that they do not move while the liner is being installed.

Cut the felt to the inside dimensions of the pool + 5 cm.

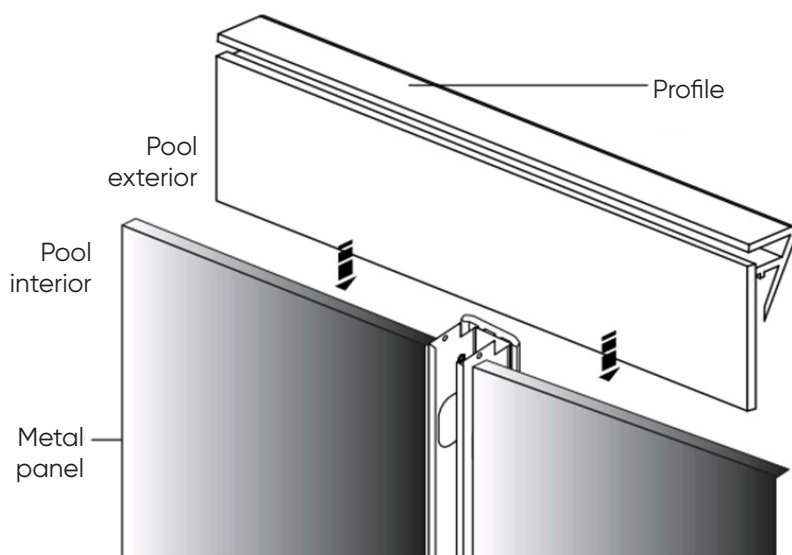


POOL ASSEMBLY

➤ INSTALLATION OF LINER PROFILES

Install the liner attachment profiles by fitting them over the top of the metal panels.

Caution: the profile has a specific direction; put the slot for installing the liner towards the inside of the pool.



POOL ASSEMBLY

➤ LAYING THE LINER

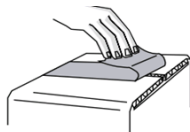
The liner is an elastic PVC membrane designed to adapt to the weight of the water without wrinkles inside the pool.

It should be installed on a sunny day when the temperature is between 15°C and 30°C. Outside this temperature range, the liner becomes either too rigid or too flexible and can therefore cause problems when it is installed.

A minimum of 2 people is required for this operation.

Please follow the installation procedure step by step:

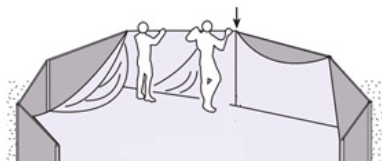
1. Clean the structure and bottom of the pool of any dirt that could damage the membrane. Every fold will be visible once the pool is in water, particularly when it is lit.
2. Go barefoot or wear socks when entering the pool.
3. Take the cardboard box containing the liner and place it in the centre of the pool.
4. Open the box **WITHOUT USING A CUTTER OR OTHER SHARP OBJECT.**



5. Remove the liner from the box.
6. Unfold the liner, lifting it slightly to limit friction on the floor.

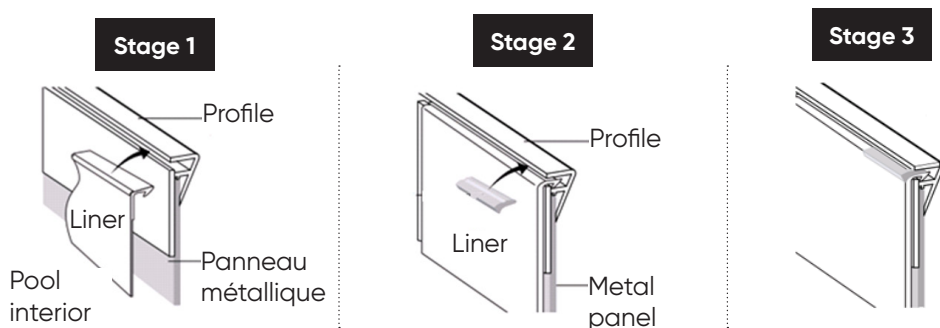


7. Fold the vertical walls of the liner back to reveal the perimeter weld. Centre the liner perfectly so that the gap between the seam and the liner wall is the same all the way round the pool. Make sure the corners are in the right position. Keeping the liner in the correct position, raise the walls vertically and attach the hook to the profile.



POOL ASSEMBLY

8. Attach the liner to the profile, then fit the locking ring:



Check that the tension is even all the way round. If necessary, push the bottom of the liner back towards the sides, starting from the centre of the pool. There should be no creases other than traces of packaging, which will disappear when the product is put in water.

If any oblique creases appear on the vertical walls, move the liner hook in the opposite direction.



Please note: Beware of falls: the liner is very slippery when wet, especially during the first few centimetres of filling.

POOL ASSEMBLY

ASSEMBLY OF THE HYDRAULIC SECTION AND IMMERSION

➤ IMMERSION

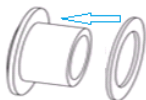
1. Start filling the pool until you have 3 to 4 cm of water.
2. Flatten any remaining creases with your hands or feet. Do not leave any folds in the material. If the weight of water is not sufficient, continue filling by continuing the operation.
3. The weight of the water will cause tension on the vertical wall of the liner, so make sure after 10 to 15cm of water in the pool that the attachment profile is still in place in the rail. Reposition it if necessary.



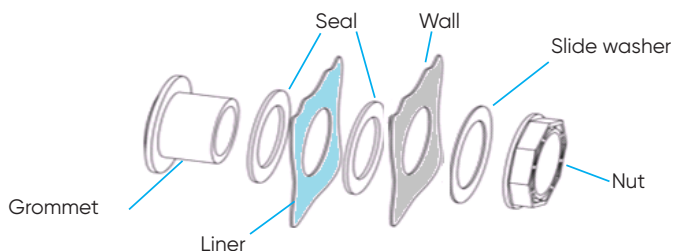
When the water level is 5-10 cm below the nozzle orifice, stop filling the pool.

➤ FITTING THE WALL GROMMET AND INSTALLING THE SPOTLIGHT

1. First, make a cross-shaped cut in the liner around the spotlight hole. Then cut it to the exact shape and size of the hole in the metal panel.
2. Put a seal on the projector gland.



3. Place the other SEAL between the liner and the wall and pass the grommet through this hole, so that your liner is caught between the two gaskets.
4. On the Skimdress side, secure the grommet with the tightening nut.



POOL ASSEMBLY

5. Apply Teflon tape to the threaded elbow. To do this, make about fifteen clockwise turns, starting at the end of the thread. Screw the elbow into the grommet of the projector until the two parts are flush (without forcing) and the elbow is pointing upwards.



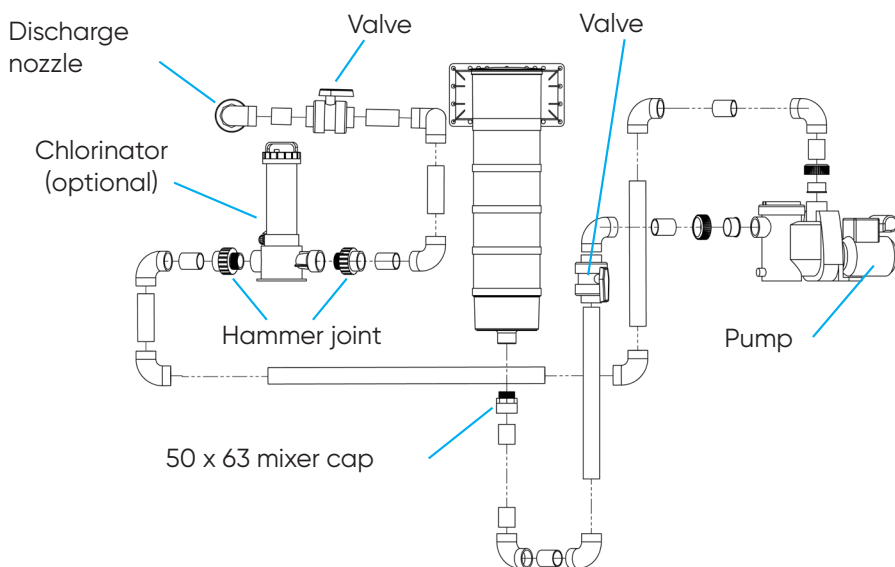
6. Glue the vertical pipe into the female part of the elbow, taking care to clean and strip the PVC. Glue the two pieces together and assemble them immediately (beware of very fast-setting glue). A small bead of adhesive should remain around the edge of the part.
7. Tie the end of the projector cable to a piece of string previously passed through the PVC pipe to remove it in the equipment room.



POOL ASSEMBLY

Before continuing to fill the pool, assemble the Skimdress hydraulic circuit.

SCHEMATIC DIAGRAM

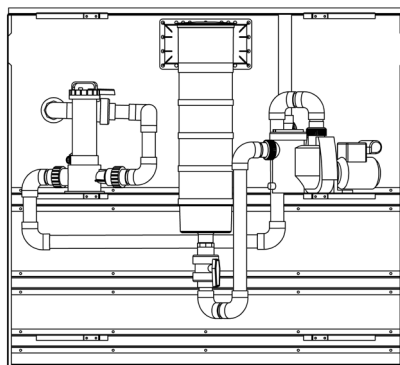


To ensure a good bond: Use a stripper to clean the PVC components. To glue, double glue the blue glue to each element and assemble. Be careful, the glue sets very quickly, so make sure you have everything you need to hand.

IMPORTANT: A drying period of 24 hours is necessary for the adhesive to set properly and ensure the seal of the hydraulic circuit.

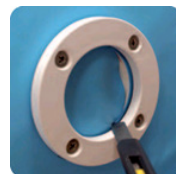
POOL ASSEMBLY

➤ DIAGRAM OF THE FINISHED ASSEMBLY

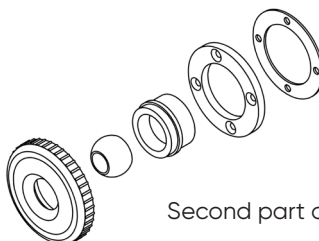


➤ FITTING THE SECOND PART OF THE DISCHARGE NOZZLE

1. Locate the screw holes and mark them with a pen.
2. Drill a hole with a small screwdriver, fit the flange and screw in place.
3. Make the cut using the flange as a guide.



4. You can finish assembling the nozzle by fitting the swivel jet.

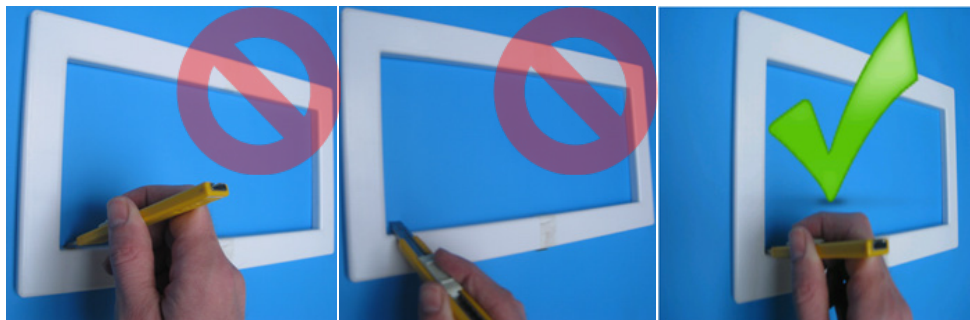


Second part of the nozzle.

POOL ASSEMBLY

➤ FITTING THE SKIMMER FLANGE AND FLANGE COVER

1. Use your finger to locate the four screw holes in the corners of the skimmer and mark them.
2. Place the seal at the back of the flange, position a screw in one of the top corners and screw it loosely into the marked hole. Then place the screw in the second top corner. Then repeat the operation for each screw.
3. Tighten the flange crosswise, then clip on the flange cover.
4. Cut the liner using the flange cover as a guide. Be careful not to damage the double seal that protects the metal panel from water. If it has been cut, it must be replaced.



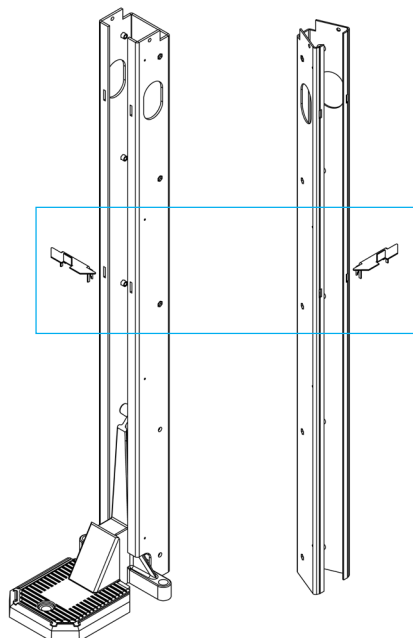
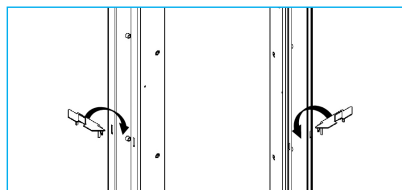
Continue filling to the final level (top 3/4 of the skimmer frame)

POOL ASSEMBLY

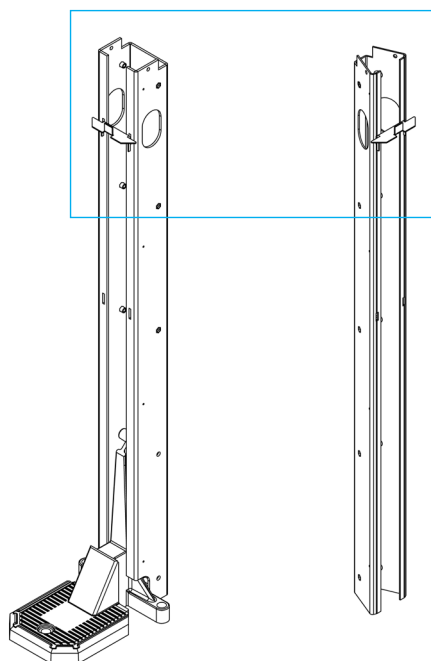
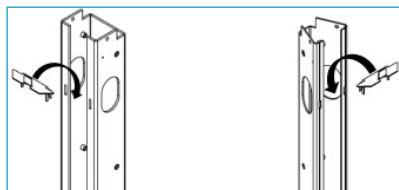
INSTALLING THE POOL LINER

! Installing the cladding uprights (only for in-ground and semi-in-ground versions).

Semi-in-ground pool



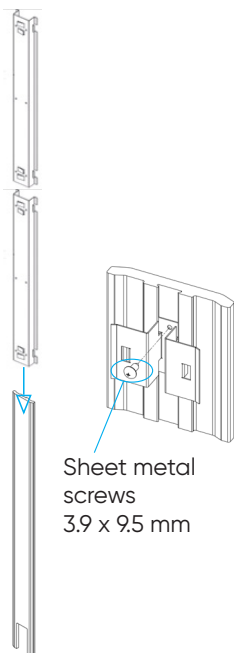
In-ground pool



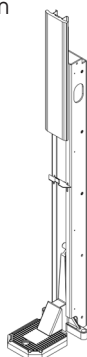
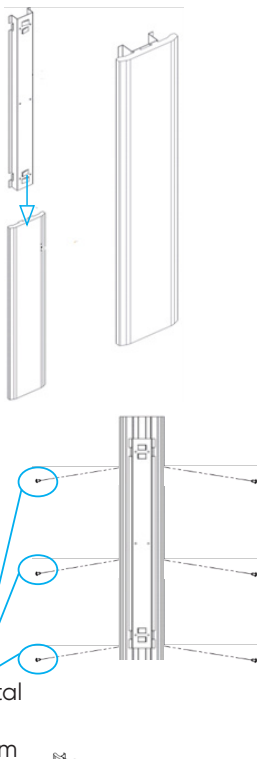
POOL ASSEMBLY

INSTALLATION OF COMPOSITE COMPONENTS

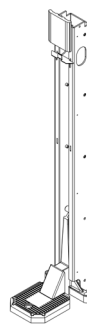
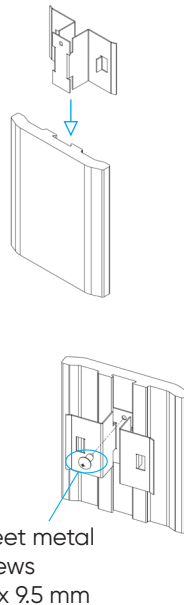
Above-ground pool



Semi-in-ground pool



In-ground pool

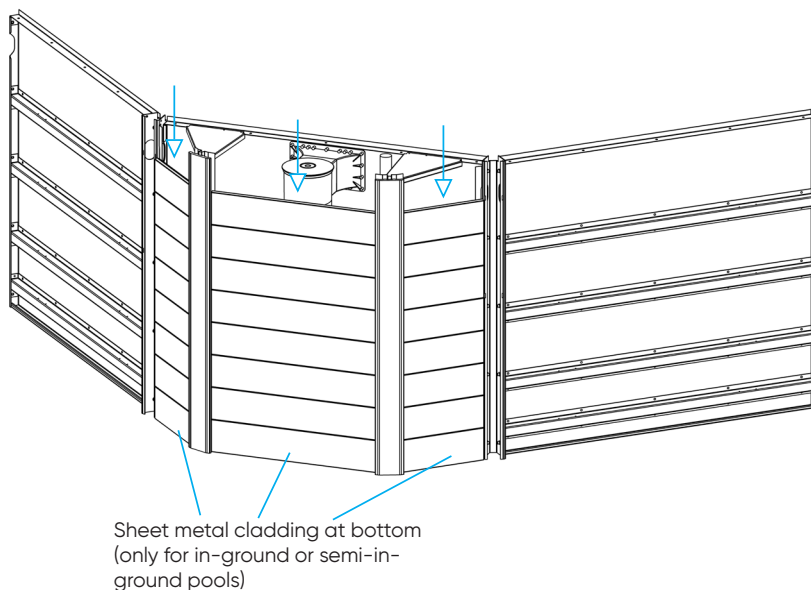


Finally, slide the assembly into the post until you come up against the bracket.

POOL ASSEMBLY

CLADDING THE SKINDRESS

- Before starting cladding, for in-ground and semi in-ground pools, place the sheet metal liners on the Skindress.



! For in-ground or semi-in-ground pools, we recommend a backfill made up of non-compressible rolled gravel (8/16mm). If you backfill with a material that could damage the coating of the panels, protect them with a film such as Delta MS TM.

- Complete the cladding with composite elements

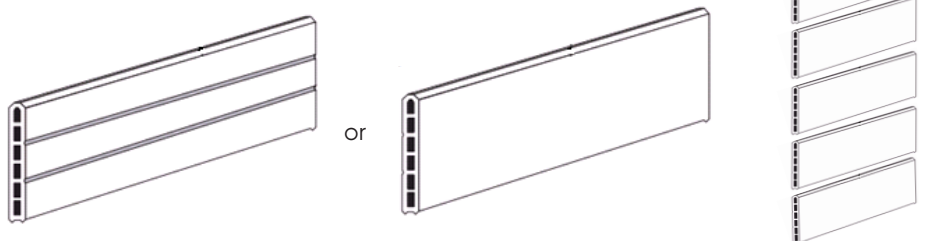
BEFORE INSTALLING THE COMPOSITE CLADDING, BACKFILL THE HOLE.

POOL ASSEMBLY

➤ INSTALLATION OF COMPOSITE CLADDING

For each cladding, you can choose between a smooth side and a side with two grooves, so you can personalise the look of your pool surround.

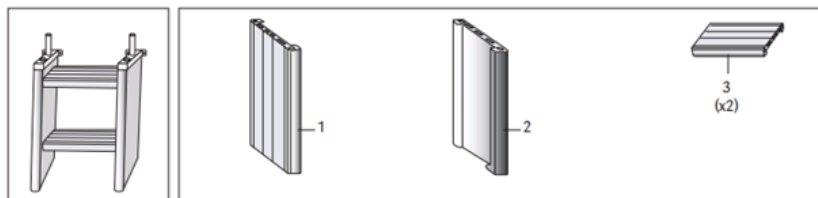
Slide the rows from top to bottom, between the composite uprights fixed to the posts, and add the *"finishing profile"* to complete the height in the above-ground version.

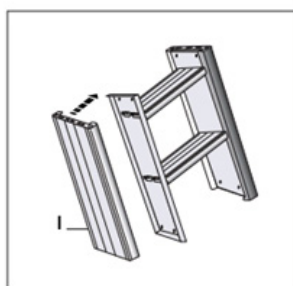
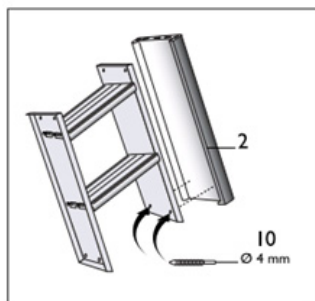
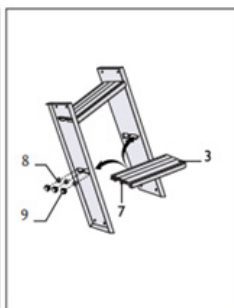


INSTALLING THE LADDER

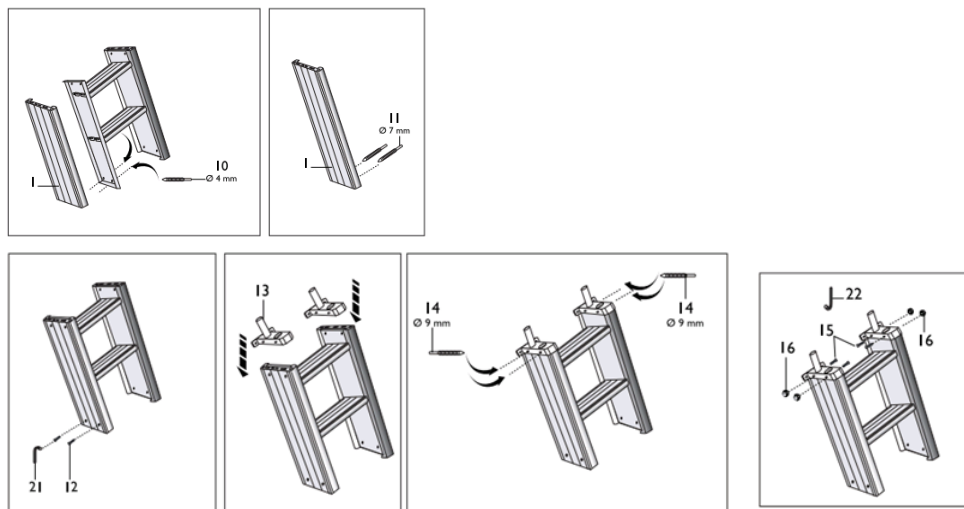
➤ SEMI-IN-GROUND VERSION

Number	Description	Quant.
3	Ladder steps	2
1	Composite left side SE	1
2	Composite right side SE	1
P39079	Metallic cardboard - steps	1
P40187	Staircase structure Left SE	1
P40188	Staircase structure Right SE	1
P39571	AZTECK staircase attachment	1



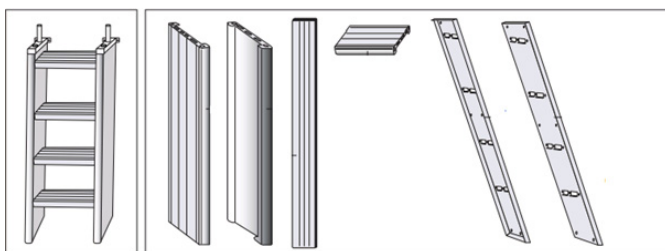


POOL ASSEMBLY

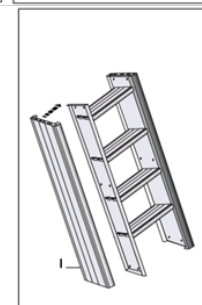
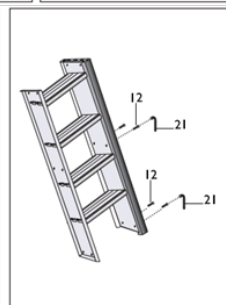
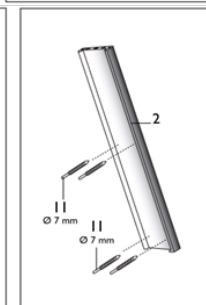
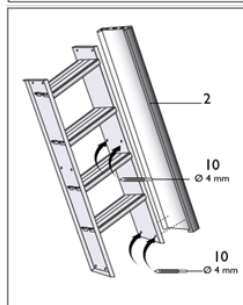
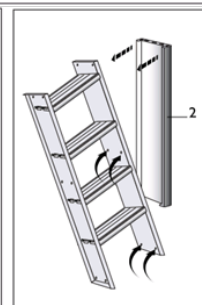
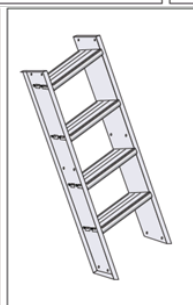
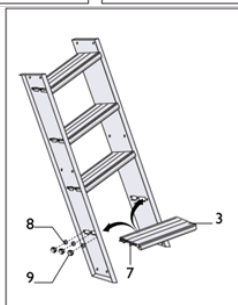
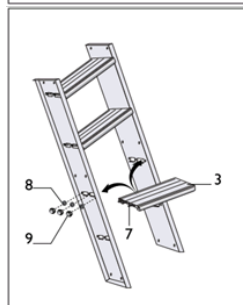
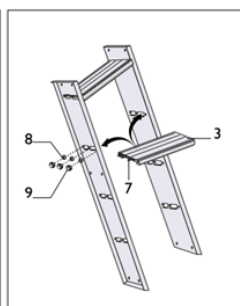
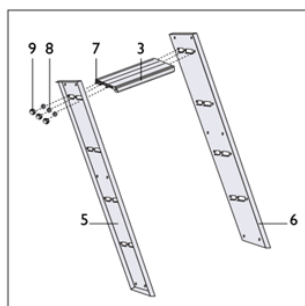
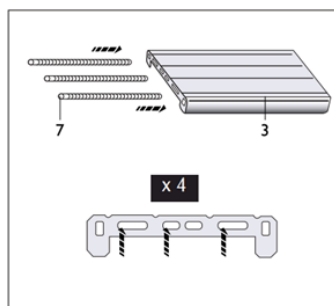
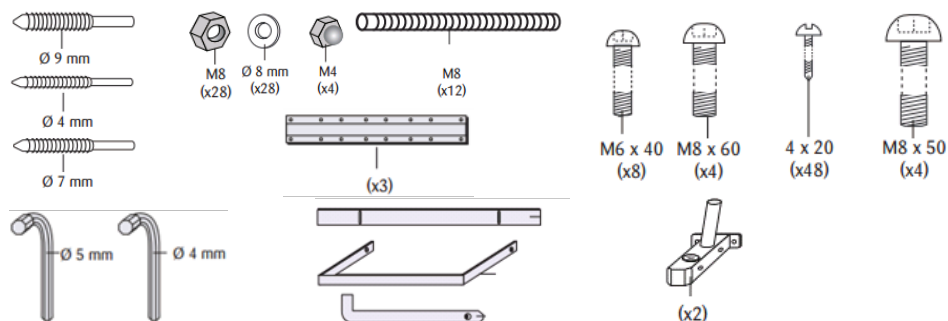


ABOVE-GROUND VERSION

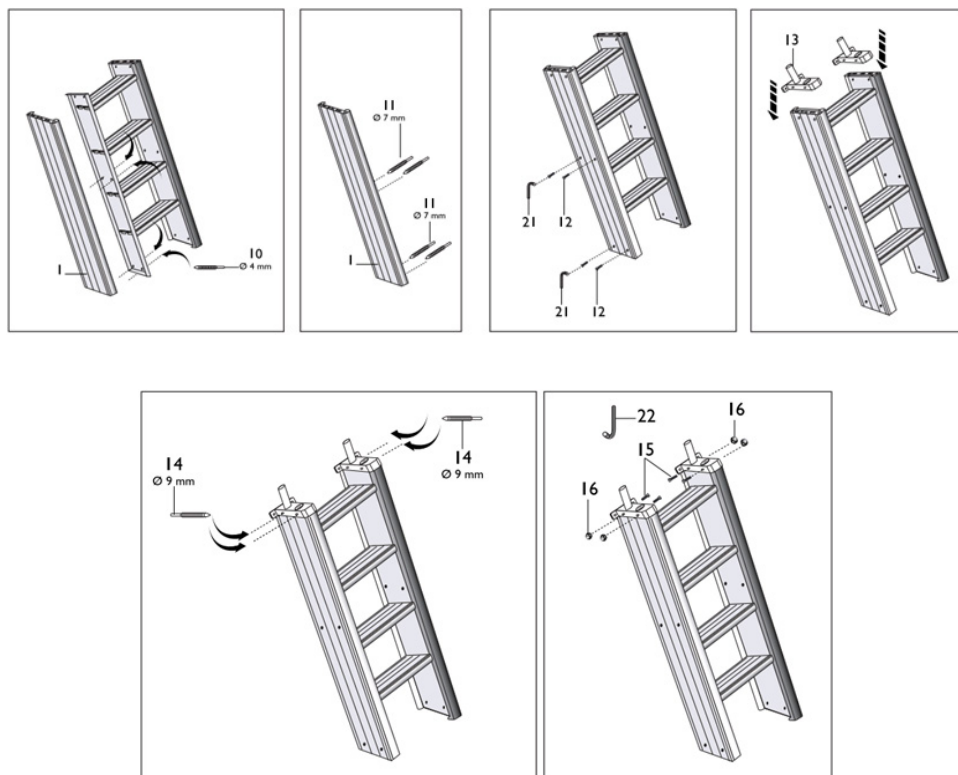
Number	Description	Quant.
3	Ladder steps	4
1	Composite left side HS	1
2	Composite right side HS	1
P39079	Metallic cardboard - steps	1
P39080	Safety card for HS steps	1
4	Step safety plate Ig1365	4
P40189	Staircase structure Left SE	1
P40190	Staircase structure Right SE	1
P39571	AZTECK staircase attachment	1



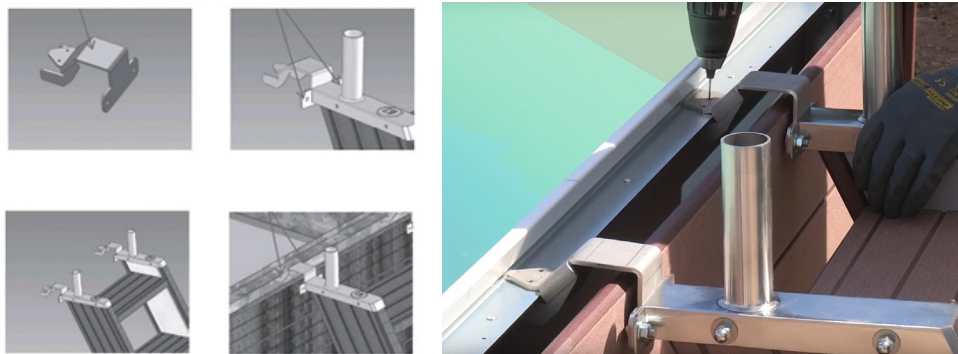
POOL ASSEMBLY



POOL ASSEMBLY

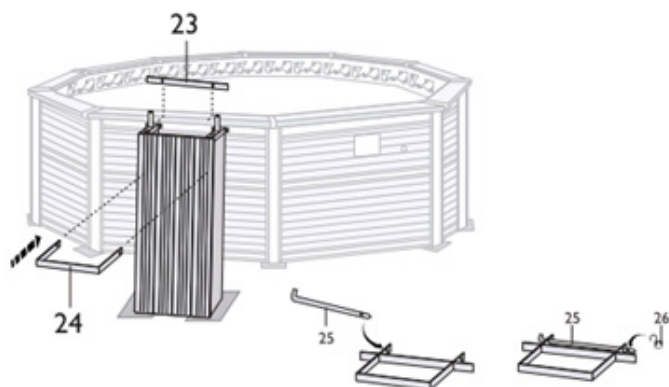
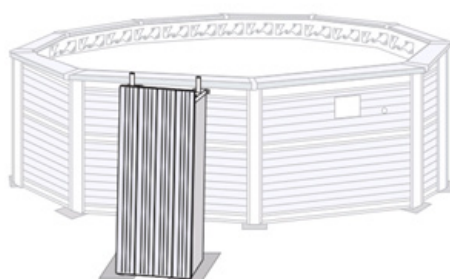
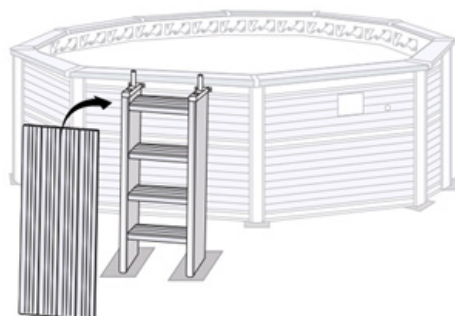
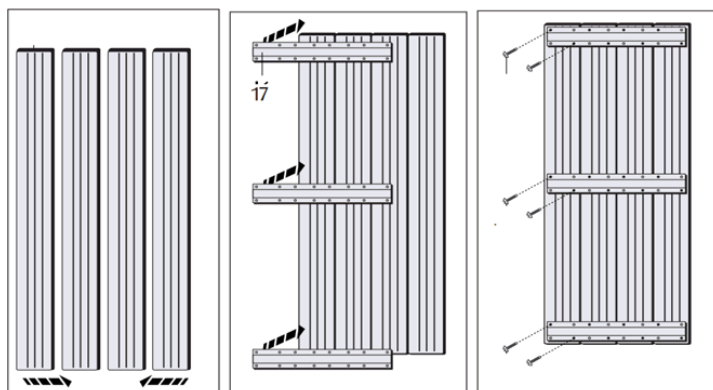


LADDER MOUNT



POOL ASSEMBLY

➤ ASSEMBLY OF THE CHILD GUARD FOR ABOVE-GROUND VERSIONS

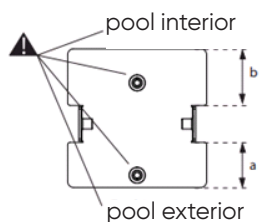


POOL ASSEMBLY

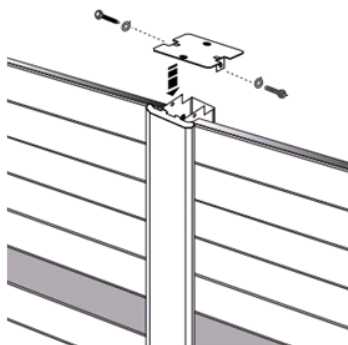
COPING AND FINISHING

➤ INSTALLATION OF PLATES / FLANGES / NUTS

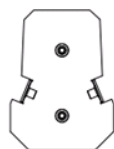
Take a 10 mm spanner and M6 screws and washers to fix the plates, and install them on all the beams.



for the right-hand side

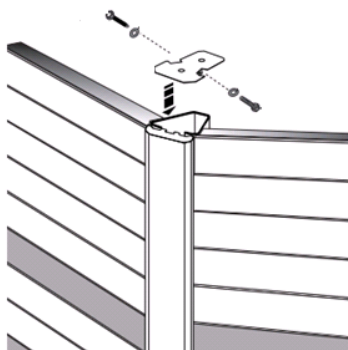


pool interior



pool exterior

for the curved section



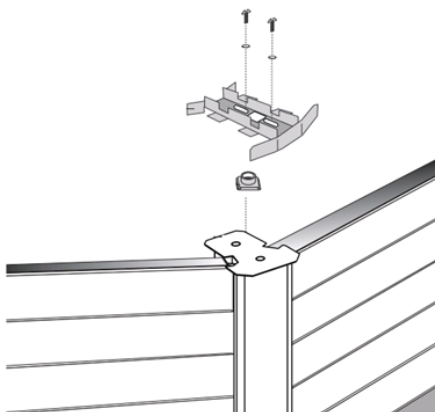
POOL ASSEMBLY

➤ INSTALLING THE FIRST FLANGE

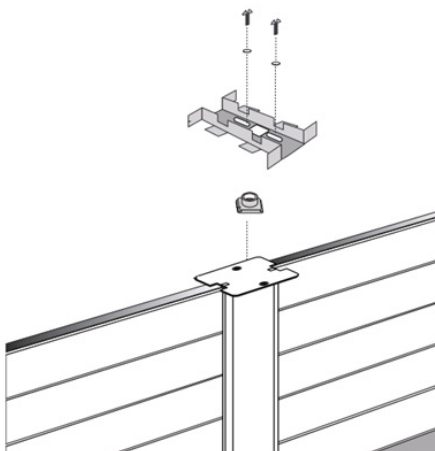
Install the first mounting flange and nut using the screws and washers on the plate (see diagram). The nut must be able to slide freely. Now it's a case of alternating the installation of a coping and a flange around the pool.

⚠ Do not tighten completely. The assembly must be moveable so that the position of the coping stones can be adjusted at a later date.

Corner flange



Straight flange

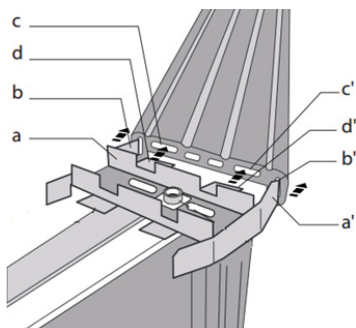


INSTALLING THE COPING

Start from a panel close to a corner. Fit one end of the coping into the clamp, making sure that:

- The lugs (a and a') fit into the holes (b and b').
- The lugs (d and d') fit into the holes (c and c').

At the other end of the coping, fit the lugs and fix the second flange. (do not tighten completely).

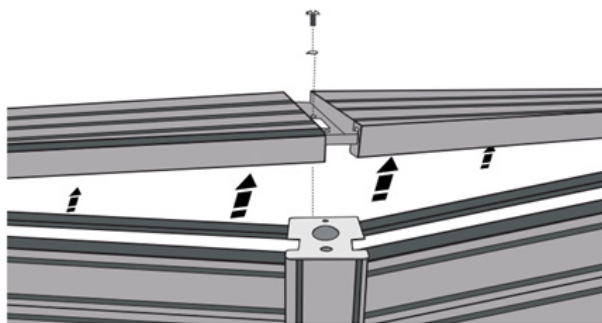


Installing the last coping

To fit the last coping onto the base plate, follow the steps below:

Step 1: Fit the lugs (a, a' and b, b') of the clamp into the holes (d, d' and c, c') in the coping stones.

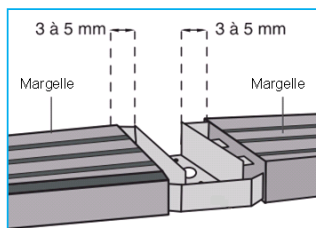
Step 2: Replace the assembly and secure it with the screw washer.



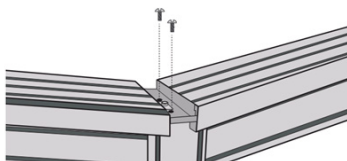
Align the copings with each other.

POOL ASSEMBLY

- !** There is still a gap of 3 to 5 mm between the coping and the flange to allow for expansion.

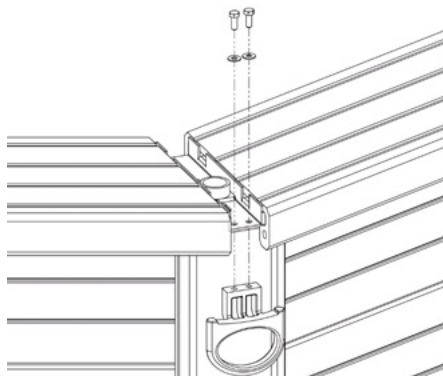


Tighten the screws on all the flanges.



Fitting the rings

Secure the multifunction ring to the clamps using M6 screws and washers.



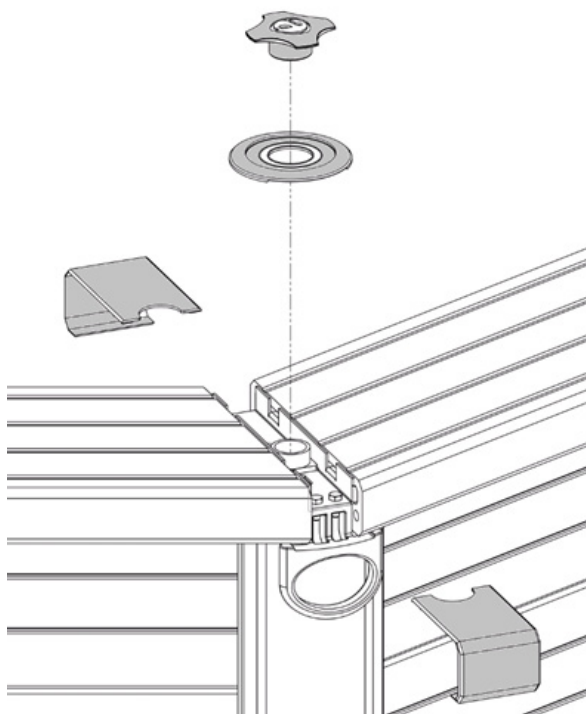
POOL ASSEMBLY

➤ FITTING THE COPING COVERS

Install all the coping covers.

Note: the inner pool cover is longer than the outer cover.

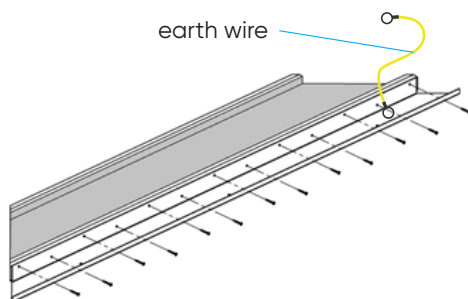
Place the washer astride the link covers. Please note that this part has a specific direction and a groove. Then tighten the finishing screw by hand.



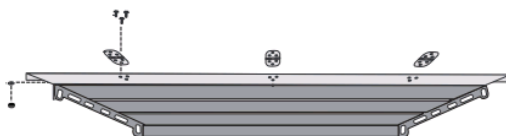
POOL ASSEMBLY

FITTING THE SKIMMDRESS COVER

Place the coping support against the longer side of the coping and secure it with the screws. Attach the earth wire to one of the external screws as shown in the picture:



Fix the hinges to the coping support using screws, washers and nuts, and attach an earth wire on both sides to connect the edge covers.

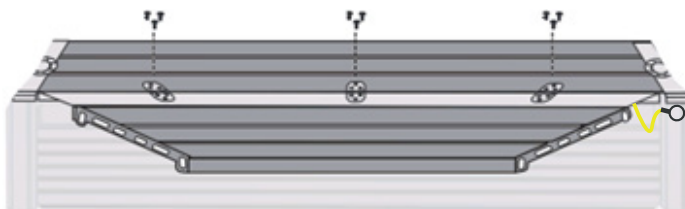


Fit the coping strip covers onto the coping strip. Fasten them to the sill support using the screws connecting the two earth wires to the coping support.



Centre the assembly on the Skimmer Dress.

Fix the hinges to the coping, and connect the remaining end of the earth wire to one of the metal mounts on the inside of the skimdress. (for example, use a sheet metal fixing screw on the beam shown on p.41)

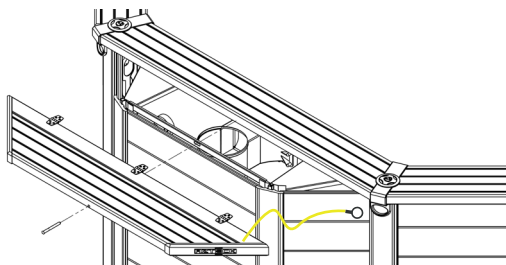


Note: connecting all these earth wires provides an equipotential bond, which ensures that the various metal conductors have no electrical potential (standard NF C15-100).

POOL ASSEMBLY

! Please note: Compliance with standard C15-100

The skimmer must be kept locked to prevent any risk of accident. Use the safety pin and padlock provided.



POOL ASSEMBLY

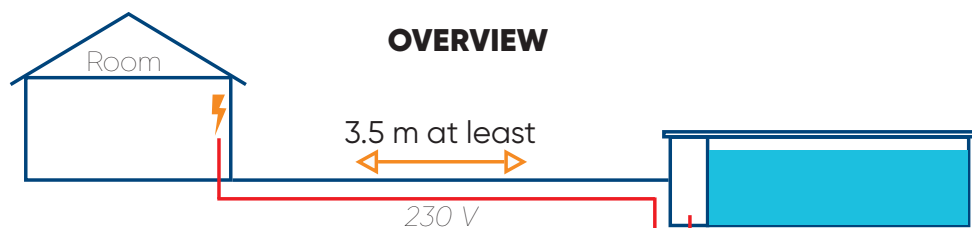
ELECTRICAL INSTALLATION

➤ ELECTRICAL INSTALLATION DIAGRAM

Installation must be carried out by a qualified professional, in accordance with the requirements of current standards (NF C15-100 for France). To simplify the rules set out in the standard, here are two possible installations:

- Diagram 1: the electrical box can be installed in a separate technical room at a distance of more than 3.5 m from the pool (outside the standard protection areas).
- Diagram 2: the electrical box can be installed in the skimmerdress XL when it is secured by its padlock.

For any other specific case or case requiring more details, refer to the NF C15-100 standard.

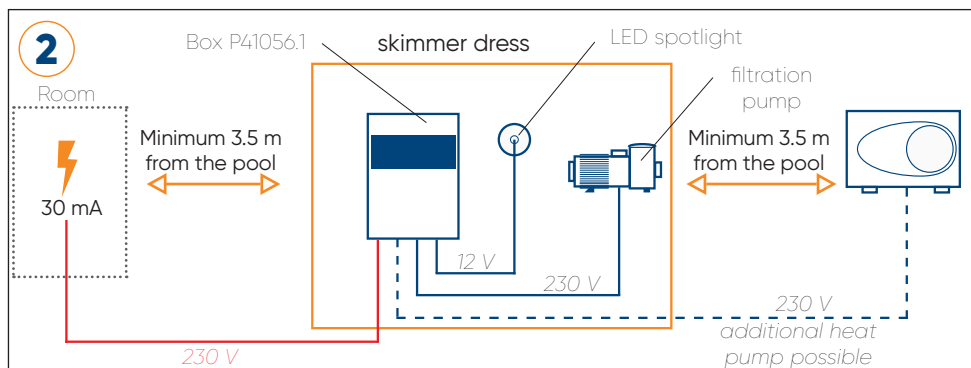
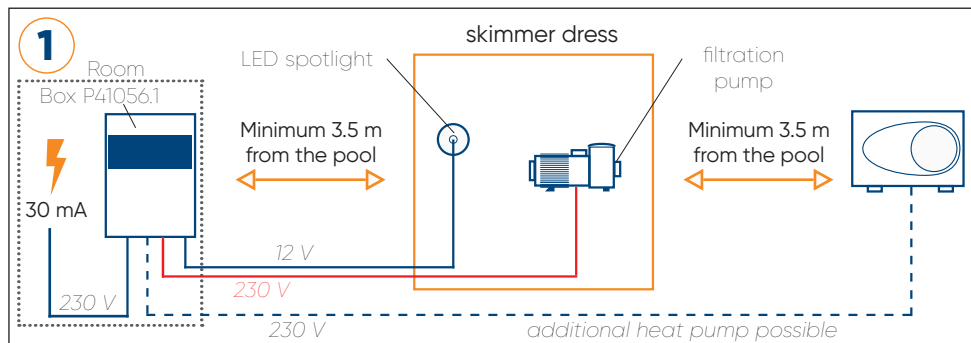


ELECTRICAL CONTROL BOX

➤ MOUNTING THE ELECTRICAL BOX

- The electrical box must be fixed to the wall of the technical room in an easily accessible position, between 1 metre and 1.80 metres above the floor.
- The box must be securely fixed to the wall using the screws and plugs supplied.
- If you decide to attach your box by any other means, please ensure that it is securely fastened, as the warranty may not apply. Please note that adhesives are not considered to be a reliable means of attachment.

POOL ASSEMBLY

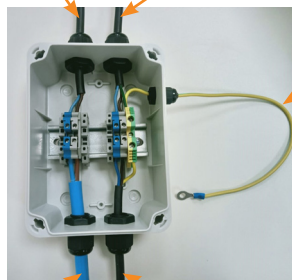


CONNECTION BOX

A connection box is included in the kit to connect your power supply cables (not supplied) to the spotlight and filtration pump.

Projector power supply (12V)

Spotlight power supply (230V)



Earth cable to be connected to the metal structure of the pool

Spotlight cable

Filter pump cable

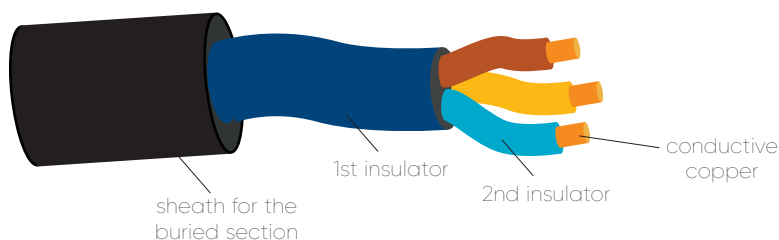
POOL ASSEMBLY

Run the spotlight and pump cables through the Ø20 mm IRL tube supplied for this purpose, positioned under the coping.



ELECTRICAL REQUIREMENTS

The C15-100 electrical standard requires the use of electrical equipment with double insulation and no metal reinforcement. It is therefore necessary to use a U1000 RO2V type cable for 230 V, and H07RN-F for 12 V, with a protective sheath when they are buried.



Size the cable cross-sections to be used by referring to the table below.

POOL ASSEMBLY

230 V alternating (neutral, phase, earth)

12 V lighting (neutral and phase)

Cable conductor cross-section:

Power	1,5 mm ²	2,5 mm ²	4 mm ²
500W	69 m	115 m	184 m
1000W	35 m	58 m	92 m
1500W	23 m	38 m	61 m
2000W	17 m	29 m	46 m
2500W	14 m	23 m	37 m
3000W	12m	19 m	31 m

Cable conductor cross-section:

Power	1,5 mm ²	2,5 mm ²	4 mm ²	6 mm ²
20 W	10,4 m	17,4 m	27,8 m	41,7 m
40 W	5,2 m	8,7 m	13,9 m	20,8 m
50 W	4,2 m	6,9 m	11,1 m	16,7 m
60 W	3,5 m	5,8 m	9,3 m	13,9 m
100 W	2,1 m	3,5 m	5,6 m	8,3 m

Max. copper cable lengths for single-phase
230V supply (2% voltage drop)

The electrical system must be protected upstream by a GFCI breaker with a sensitivity of 30 mA or less. All the equipment and the metal structure of the pool must be connected to the domestic earth.



Incorrect installation may result in electric shock or even damage to the device.
We recommend cutting the power to the box before carrying out any work.

▶ INSTALLING THE ELECTRICAL BOX

Electrical box for powering and programming the filtration system, as well as the pool lighting.

Please refer to the instructions in the box.



All work on electrical parts must be carried out by a qualified person equipped with PPE (Personal Protective Equipment): gloves, goggles, mats, etc.

SERVICING/MAINTENANCE

Any work on the electrical parts must only be carried out by a qualified person and must comply with the manufacturer's instructions and the standards and regulations in force.



During any intervention, the technician must wear PPE (personal protective equipment): gloves, goggles, mat, etc...

We recommend that the installation be disconnected from the power prior to any intervention taking place.

WATER LEVEL IN POOL

- In order to ensure correct operation, always check that the water level in the pool remains constant and complies with the manufacturer's requirements (for greater comfort, use an overflow and a water level regulator).
- A water level that is too high is due to the overflow being obstructed by leaves or other items.
- A water level that is too low means that there is a risk of poor filtration.

WATER FILTRATION AND TREATMENT

- Programme filtration to take place at a time when the sun is shining on the pool and ensure that it is set to work all the time when the water reaches 28°C.
- In order to ensure that your installation will last, the water in the pool must be correctly treated in compliance with the applicable standards and recommendations (NF EN 16713-3).
- The pH, hardness and alkali levels of the water must be checked and adjusted as often as is necessary (although you will need to ensure that you don't correct these three parameters independently of each other but do so using the Taylor table and provide the water with balance with regard to the three parameters analysed).

SERVICING (customer's responsibility)

- Deep cleaning twice a year (the first time in the year it is used and prior to Wintering). This is even more important if the water in the pool is hard. In this case, use a descaling cleaning product (see catalogue) and rinse using a hose.
- The entire system should be inspected.

SERVICING/MAINTENANCE

MAINTENANCE (ONCE PER YEAR MINIMUM)

- All spare parts must come from the manufacturer or comply with standard NF P90-308.
- Check that the installation is working correctly.
- Once a year, check that the electrical connections are sufficiently tight.
- Customer service: contact details on back page of document

WINTERING

- Overwinter the pool in the best way with regard to its geographical situation.

SAFETY ADVICE

Please read the recommendations set out below with care.

WARNING

Swimming pools can represent a serious danger for your children. Drowning can happen very quickly.

Children who are close to a swimming pool need to be watched constantly and actively, even if they know how to swim.

Learn lifesaving skills.

The physical presence of an adult is absolutely essential whenever the pool is open.



Memorise the telephone numbers for the emergency services and ensure that they are displayed close to the pool.

☎18 (in France) **or 112**

FIRE SERVICE

☎15

**AMBULANCE
SERVICE**

(write the number that applies in your region)



POISON CONTROL

CENTRE

SAFETY ADVICE

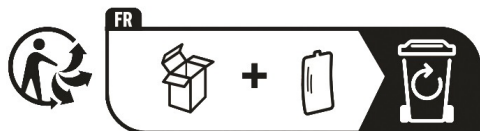
- Observe the water levels specified by the manufacturer.
- All dimensions and/or capacities of our pools are purely indicative and may vary according to the various tolerances required for manufacture.
- We are committed to the quality of our products and reserve the right to modify the specifications of our models without prior notice.
- All pools are sold ready for installation, either above ground, semi-in-ground or in-ground.

The owner must:

- » Read the installation instructions carefully and in full before installing the pool, obtain any additional information required and, if necessary, seek advice from a person authorised by the manufacturer or its "affiliates" before installing the entire pool.
- » Choose the site, the location and the layout according to the constraints described in the installation manual.
- » Install, use and maintain the pool in accordance with the instructions in the installation and use manual.
- » Choose treatment and maintenance products and their dosage that are compatible with the pool components (regular maintenance is essential for the safety, well-being and smooth operation of the entire system).

RECYCLING

PACKAGING



Dispose of the packaging in line with current rules and regulations.

END OF LIFE CYCLE



- Do not put your scrapped equipment or used batteries in with unsorted household waste.
- You are responsible for disposing of all of your waste, in particular electrical and electronic equipment by taking it to a collection point where recycling and valorisation are carried out.
- Certain products potentially contain substances that are dangerous for the environment, and you need to ensure that these are eliminated or neutralised.
- Make sure that you are aware of all existing recovery and collection systems.



discard the manual in line with the current regulations.



**TRIEZ
RÉEMPLOYEZ
RECYCLEZ**

ASSOCIATION


OU

DISTRIBUTEUR

OU

DÉCHÈTERIE

Adresses sur quefairedemesdechets.fr



NOTES





NOTES



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STAMP

a brand by



ORIGINAL INSTRUCTIONS

A-DOTE/1100.L1 / 06.2023