



### SANCTUARY ROUND SWIMMING POOL INSTRUCTIONAL MANUAL

IMPORTANT: READ ALL STEPS OF THIS MANUAL BEFORE INSTALLATION. RETAIN THIS MANUAL FOR LATER REFERENCE.

### **WARNING**

TO LESSEN YOUR RISK OF SERIOUS INJURY OR DEATH, FOLLOW THESE RULES:



#### **IMPORTANT SAFETY INSTRUCTIONS**

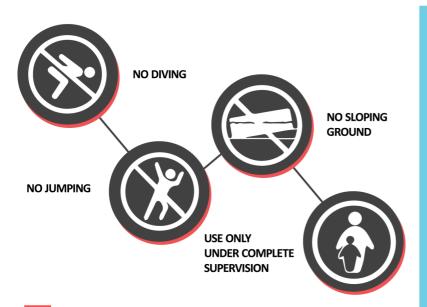
The following instructions contain important safety information. All safety instructions in this manual and owner's packet must be read and abided by when installing and using this pool. When installing and using the electrical equipment, basic safety precautions must always be followed!

### **WARNING!**

CHILDREN HAVE DROWNED IN SWIMMING POOLS. ENSURE ACTIVE ADULT SUPERVISION AT ALL TIMES. DO NOT LEAVE CHILDREN UNSUPERVISED IN OR AROUND THE POOL- KEEP THEM WITHIN ARM'S REACH. POOL FENCING LAWS APPLY TO THIS POOL, AS WELL AS OTHER SAFETY PRECAUTIONS IE: ALARM SYSTEMS, SPECIAL LADDERS AND SAFETY GUARDS. CONSULT YOUR LOCAL BUILDING CODES FOR REQUIREMENTS. DO NOT JUMP OR DIVE DECALS AND SIGNS MUST BE INSTALLED ON THE POOL.

#### **READ AND FOLLOW ALL INSTRUCTIONS**

NOTE	purchase, do not assemble or operate until parts are replaced.
WARNING	Consult your local municipality, water authority and local building codes in regards to the use of water and/or water restrictions relating to this product.
WARNING	Pool fencing laws affect this product. Consult your local municipality for applicable building code.  Abide by state and federal law requirements such as fencing, enclosures, childproof gates, etc.
WARNING	Always remove pool ladder when not in use. Store in a place where it is not accessible to children.
DANGER	Prevent the Risk of Accidental Drowning. Never allow anyone who does not know how to swim to access the pool. Extreme caution must be exercised to prevent unsupervised access by children. To avoid accidents, ensure that children cannot use the pool unless they are supervised by an adult at all times. NEVER LEAVE CHILDREN UNATTENDED.
WARNING	RISK OF ELECTRIC SHOCK. Connect Filter Pump only to a grounding type receptacle protected by a GFCI (Ground Fault Circuit Interrupter). Use a qualified electrician to install the GFCI, which has a maximum rating of 30A.
WARNING	Know where the cut-off switch for your pump is at all times so you can turn it off in an emergency. It is necessary to have the GFCI cut-off switch plug accessible after installation of the pool.
WARNING	Follow all safety and installation instructions provided with your filtration system.





#### **GENERAL WATER SAFETY**

- Install Do Not Jump or Dive decals and signs on the pool.
- Supervise children at all times around water.
- Ensure you have a pool fence that is correctly installed and functioning.
- Follow all local and national pool safety codes.
- Learn CPR and keep in practice.
- Teach your children to swim.
- Read these safety instructions to your children often.
- Prepare yourself mentally for any situation that may occur. You may be required to offer adequate aid and assistance.
- Post emergency phone numbers near the pool with a phone.
- Keep any object that could be used by a child to climb into the pool at least 4' away from the side of the pool.
- Swimming pool and water safety publications are provided in the owner's packet and many other references are available online. You are urged to review them and share with all members of your family.



REMEMBER – Children's safety around the pool depends on you! Accidents don't just happen to other people. They may happen to your children if they are not closely supervised when in or around the pool!

#### SAVE THESE INSTRUCTIONS

See additional safety warnings and instructions for pool use contained inside of the owner's packet.

### **WARNING**

TO LESSEN YOUR RISK OF SERIOUS INJURY OR DEATH, FOLLOW THESE RULES:

### **WARNING**

To avoid electrocution, do not permit electric devices i.e. light, telephone, radio, television, hair dryer, etc. within 8' of this pool.

#### **WARNING**

RISK OF ELECTRIC SHOCK. Never operate any electrical appliance when in the pool or when your body is wet.

### **WARNING**

NEVER swim or bathe in the pool during rain or an electrical storm or if there is the threat of lightning in the vicinity of the pool.

#### **WARNING**

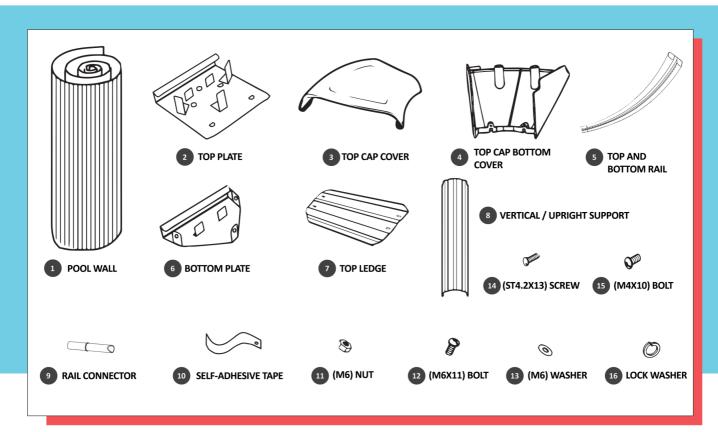
NEVER allow horseplay, diving or jumping into or around the pool. Never enter the pool via any decks or other raised surfaces because the water level of the pool is shallow. Serious injury, paralysis or death could result.

#### **CAUTION**

It is advisable to wear protective gloves when assembling the pool.



### **PRODUCT CONTENTS**







Check all parts and ensure they are present and undamaged before starting assembly.



Report missing or damaged parts immediately to have them replaced.



Images and objects may differ slightly from actual parts.

#	PART DESCRIPTION	TOTAL # 12' Round	TOTAL # 15' Round	TOTAL # 18' Round	TOTAL # 21' Round	TOTAL # 24' Round	TOTAL # 27' Round	TOTAL # 30' Round
1	Pool Wall	1	1	1	1	1	1	1
2	Top Plate	8	10	12	14	16	18	20
3	Top Cap Cover	8	10	12	14	16	18	20
4	Top Cap Bottom Cover	8	10	12	14	16	18	20
5	Top & Bottom Rail	16	20	24	28	32	36	40
6	Bottom Plate	8	10	12	14	16	18	20
7	Top Ledge	8	10	12	14	16	18	20
8	Vertical/Upright Support	8	10	12	14	16	18	20
9	Rail Connector	32	40	48	56	64	72	80
10	Self-Adhesive Tape	1	1	1	1	1	1	1
11	M6 Nut	61	69	77	85	122	130	138
12	M6X11 Bolt	61	69	77	85	122	130	138
13	M6 Washer	61	69	77	85	122	130	138
14	ST4.2X13 Screw	32	40	48	56	64	72	80
15	M4X10 Bolt	48	60	72	84	96	108	120
16	Lock Washer	32	40	48	56	64	72	80

### **SELECTING A SUITABLE SITE**

Carefully select the site for your new pool. This is the most important decision you will have to make to ensure the safety and success of your pool's construction. An incorrect site could cause problems in the future that may result in injury, death or financial loss. Carefully read the check list set out below when selecting your site.

#### **ACCEPTABLE**

- Flat, level, firm and dry ground
- Easy access to all sides of the pool
- Position for the most direct sunlight exposure possible
- Ensure safe access to electricity for the filter pump and other pool accessories
- Easy access to a water source
- Protection from wind if possible
- A site for easily watching children

#### **NOT ACCEPTABLE**

- Sloping ground
- Concrete, asphalt, sandy gravel and swampy ground
- Close to wooden construction e.g. pergola's and decking
- Next to deciduous or leafy trees.
- Under Over-head wires and clothes lines
- Drains, electric wires or gas pipelines underneath the site
- Areas with poor or little drainage
- Near sprinklers or over underground sprinkler

TOOLS & MATERIALS REQUIRED									
☐ Philips head screw driver	☐ Clothes pins	☐ Site excavation tools							
☐ Flat blade screwdriver	4' Level	4' x 4' piece of plywood							
Adjustable wrench	☐ 14' long 2" x 4" board	☐ Protective gloves							
☐ Sand shifter	Per pool size, up to 20 8" x 16" x 2" patio block	s 🔲 Transit level							
☐ Sharp stake	☐ Sharp knife								



# **STEP 1:**POOL LOCATION AND SET UP

**POOL SITE PREPARATION** 

### Ground preparation is the most important step in the installation of the pool.

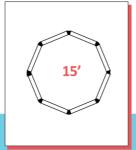
1. Do not locate pool over underground lines, septic tanks, under electrical lines, near hazardous structures or out of local code restrictions. 2. Do not assemble your pool on asphalt, tar or oil base surfaces. 3. Avoid areas with sharp objects, or ground treated with weed killer or other chemicals. 4. Avoid areas where nut grass, Bermuda grass or bamboo grass grows, as they can grow through your liner. Grass must be removed.

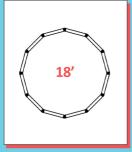
Mark off your pool area by driving a stake in the center of the area where you will install the pool. Have a helper hold a tape measure or a string and mark off the pool perimeter using flour, chalk or spray paint. Remove all sod inside the pool area to a distance of 1' beyond the dimensions of your pool.

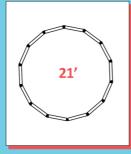


After removing the sod you must rake the dirt to remove any small rocks, stones, roots, sticks or other debris that could cause damage or tear the pool liner.

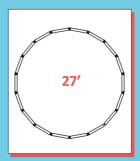


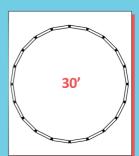






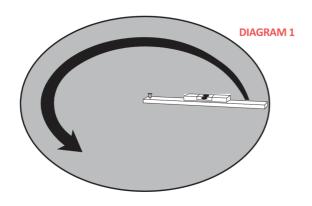


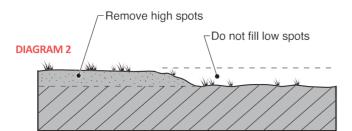




# **STEP 2:**LEVELING THE AREA

Warning! Leveling is extremely important: take as much time as necessary to ensure the pool site is completely firm and level.





Use a carpenter's level and straight edge 2 x 4 board or transit level if available to ensure that the site is completely level (See Diagram 1)!

The pool contains thousands of gallons of water. Should the pool collapse due to unleveled ground, it could cause significant property damage and even result in injury or death!

Remove the higher ground rather than filling the low laying ground (See Diagram 2).

Attention! Always remove rocks, stones, sticks, grass roots and other debris from within the circle.

It is recommended that you use a Rhino Pad® Pool Pad to ensure that the grass does not penetrate the pool liner and cause damage.



# STEP 3: ASSEMBLING THE POOL BOTTOM RAILS



Unpack all of the components and check the parts against the checklist Connect the Bottom Rails (#5) together with the Rail Connectors (#9) (See Diagram 3) IMPORTANT: Leave about 1/4"-1/2" gap between the 2 ends of the rail (See Diagram 4).

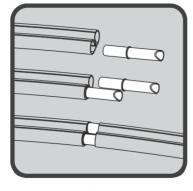
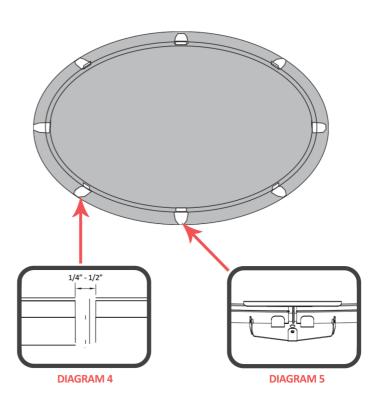
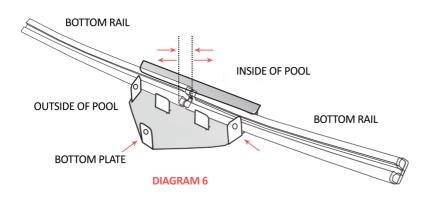


DIAGRAM 3



Place the Bottom Plates (#6) equally around the circle and between the gap of the Rail Connectors (#9) (See Diagram 5). Slide the Bottom Rail (#5) into the Bottom Plate (#6) (See Diagram 6). Repeat this process for all Bottom Rails (#5).



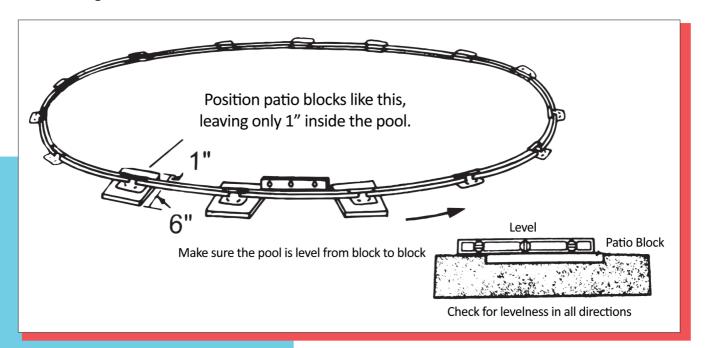


You can make fine adjustments to the Bottom Rails (#5) diameter. When all the Bottom Rails (#5) are connected, it should form a complete circle and the diameter should be equivalent to the diameter of the pool itself. You can shorten or lengthen the gap distance at the Rail Connector (#9) in order to form a complete circle (See Diagram 6).

Check the roundness of your circle by measuring the diameter across in serveral locations. Since the rails do not automatically form a true circle, DO NOT SKIP THIS STEP! Otherwise, you might end up with a slightly oval shape, which can cause problems later on. Once you have formed a true circle, stake the bottom rails at every other rail with a screwdriver, being careful not to scratch the rails.

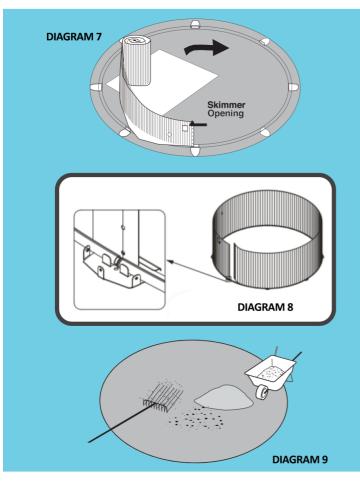
### STEP 3: PART 2 PATIO BLOCK INSTALLATION

Once the frame is in position, begin centering Bottom Plates (#6) on patio blocks. Sink the first patio block into ground under bottom plate, making sure that the block is level in all directions (side to side as well as front to back). Repeat this step around the frame making the tops of all blocks level with the ground. Do not install patio blocks or rails on loose sifted soil or sand. There must be no space between the ground and bottom of the rails. All patio blocks must be flush with the ground and solid and level with each other in all directions. You may remove a Bottom Rail at this time to cart in sand or sifted soil for the cove and sand base as long as your pool ring remains staked in position. Once wall is installed (in Step 4) you will spread and smooth 2" sand base over the entire pool area to protect the liner and level out the pool floor base. Make sure you replace the bottom rail in its proper position. A chalk outline of the Bottom Plates on the patio block is an easy and temporary way to ensure that your track does not move throughout the remainder of the installation.





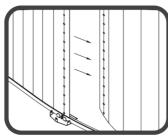
## **STEP 4:**INSTALLING THE POOL WALL

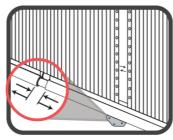


Put the Pool Wall (#1) on a piece of 4' x 4' plywood (See Diagram 7). This is to protect the leveled ground while installation of Pool Wall is taking place. Make sure the square window (skimmer knockout) is on the upward side. Have 2 or 3 helpers for this step. DO NOT ATTEMPT WALL INSTALLATION ON A WINDY DAY!

You should decide where the skimmer and filtration system are to be placed before starting to unroll the wall into the Bottom Rail (#5). The opening end of the Pool Wall closest to the square skimmer knockout should be placed on the closest Bottom Plate (#6) to your selected location for the filtration system. The Pool Wall end should be resting in the center of the Bottom Plate (#6) (See Diagram 8). Make sure that this location is not in a windward position. Skimmer knockout should be in the downwind position.

Once the pool site is completely leveled, debris removed, ground smoothed, and wall is installed you must spread a 2" layer of mason sand that covers the inside of the pool perimeter. Level this layer evenly. (See Diagram 9)





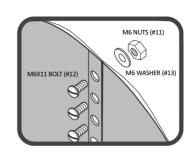


DIAGRAM 10

**DIAGRAM 11** 

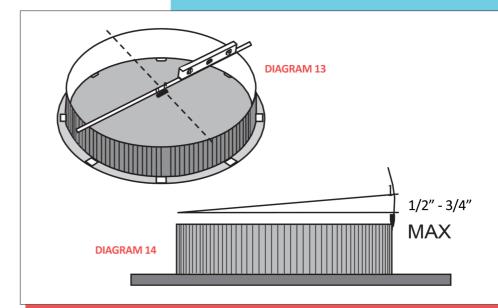
**DIAGRAM 12** 

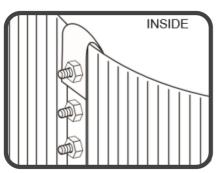
Then uncoil the whole Pool Wall onto the Bottom Rail (#5). Join the 2 ends of the Pool Wall together. Line up the bolt holes. If you could not line up the holes, adjust the gap between the Bottom Rails again. Insert the Wall Bolts (#12) through the bolt holes and attach the Washers (#13) and Nuts (#11) (See Diagrams 10, 11 & 12).

### **STEP 4:** Part 2 INSTALLING THE POOL WALL



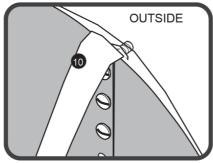
Place the Bolt Heads (#12) through the inside of the pool. Washers (#13) and Nuts (#11) should be on the outside of the Pool Wall (See Diagram 12). Only hand tighten the bolts at this point. Check to see if the Pool Wall is level. This can be achieved by placing a length of rigid timber or similar across the diameter of the pool and placing the 4' level on the board. You can also use string and string level for this step (See Diagram 13).





**DIAGRAM 15** 

**DIAGRAM 16** 



Place the self-adhesive tape over the exposed screw heads on the inside of the pool wall to protect the liner.



If the deviation is more than 1/2" - 3/4" (See Diagram 14), then the ground site must be leveled again. **Warning!** A pool that is not level is very dangerous and may collapse at any time.

At this time you should also check to see if the Pool Wall is round. Measure the diameter across the pool in a few spots. The maximum differences in diameter as measured must be within 1/2" - 3/4"

Cover the bolt heads with the Self-Adhesive Tape (#10) (See Diagrams 15 & 16)



### **STEP 5:**PREPARING THE COVE



# DO NOT USE ANY SUBSTANCE WITH HIGH ALKALINE OR ACID CONTENT, ESPECIALLY PEAT MOSS, AS IT WILL CORRODE METAL PARTS!



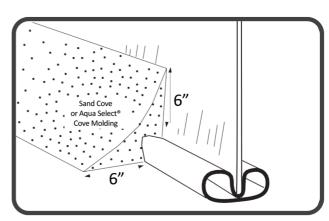
To protect the liner against the sharp edges of the Pool Rail and Wall, it is necessary to build a protective cove at the base of the pool wall. Using Aqua Select® Cove Molding or fine sand, build a pool cove 6" high inside the metal wall along the entire circumference. This will prevent the liner from creeping under the wall, and it will also protect the liner from any metal edges of the pool framework.

#### THIS STEP IS NOT OPTIONAL- IT MUST BE DONE!

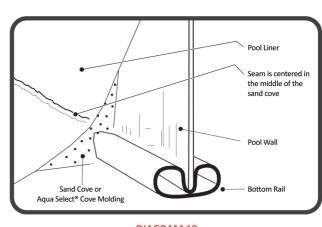
Since earth containing chemicals can cause discoloration or corrosion, it is suggested that you place a Rhino Pad® Pool Pad under the cove around the perimeter of the wall, so no earth comes in contact with the metal. Since the presence of such chemicals is beyond the control of the manufacturer, such damage is not covered by the warranty



After the cove and the base are in place, rake and tamp the entire pool area. Make sure that no sand is allowed to remain on the wall above the cove. This could cause pinholes in your liner.



**DIAGRAM 17** 



**DIAGRAM 18** 

### **STEP 6:**INSTALLING THE POOL LINER



Now that you have installed the wall, created the protective cove and re-smoothed the sand floor, it is time to install your liner.

#### This pool uses an overlap style liner only.

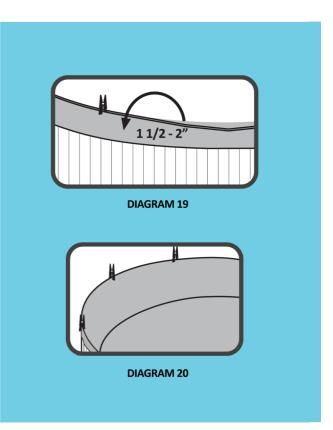
The following general instructions apply to a typical overlap-style pool liner.

Important – Only attempt to install the liner on a warm and sunny day, preferably above 72°F. Unfold the liner and put it in the sun for 2 hours. This helps to soften the liner. If the temperature is below 65°F, the liner will be hard and rigid and quite difficult to handle.

CAUTION – You should have 2 or 3 helpers for the following liner installation steps.

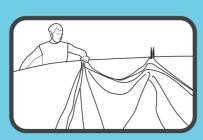
Carefully place the liner inside the pool at the center of the pool floor being careful so not to disturb the smoothed sand floor. Extend it evenly until the seam line between the wall and floor panels reaches the base of the pool in the center of the protective cove. Smooth out all wrinkles in the liner. Straighten the liner wall seam and hold it perpendicular to the ground.

Drape the pool liner over the Pool Wall. There should be an overlap of about  $1\,1/2"$  - 2" minimum of the Pool Wall height (See Diagram 19, 20). Temporarily hold the overlap in place with clothes pins.





### **STEP 6:** Part 2 INSTALLING THE POOL LINER



**DIAGRAM 21** 



**DIAGRAM 22** 

Confirm the pool liner is placed evenly inside the wall (See Diagram 21). If the liner is tight you can stretch it to fit smoothly on the inside of the wall. If the liner is loose you may not have it centered properly in the pool. Check that the overlap is uniform. You will want the pool liner to be slightly short and only touching the pool floor in the center of the pool, so pull up an additional 3" of liner vinyl over the wall and re-pin with the clothes pins.

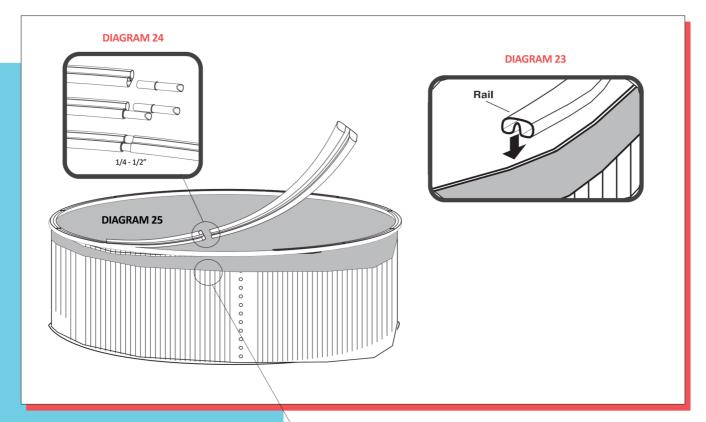
Start filling the pool and continue until you have about 1' of water. As the water stretches the liner down to the pool floor and against the Pool Wall you may need to release some of the excess overlap liner material.

Before proceeding further you will want to re-check to see if water is level, if not, something is wrong and you will have to remove the liner and Pool Wall to re-level the pool area.

# **STEP 7:**INSTALLING THE TOP RAILS



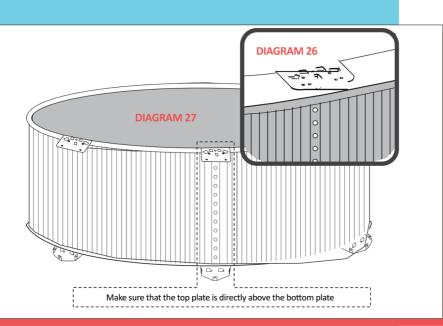
Remove the clothes pins 1 at a time while applying the Top Rails (#5) (See Diagram 23). Slide the Rail Connectors (#9) into 1 end of the Top Rail (#5), making sure to leave a 1/4" - 1/2" gap between the 2 ends of the rail (See Diagram 24), then connect another Top Rail (#5) and continue around the circle until all Top Rails are joined together (See Diagram 25).



Do not cut the excess liner overlap from the outside of the Pool Wall. If you cut off the overlap, it will make the next installation step difficult. Finish connecting the Top Rails (#5) to complete the circumference of the pool. Adjust the amount of the gaps to either expand or close up the Top Rail (#5) as needed.

LAKE EFFECT

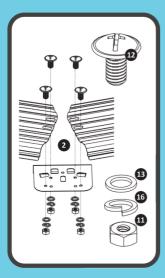
## **STEP 8:**INSTALLING THE TOP PLATES



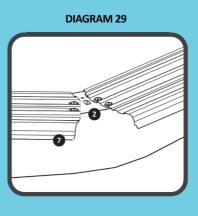
Hook the Top Plate (#2) over the Top Rail (#5) (See Diagram 26). The first Top Plate should be placed on top and in the middle of the Pool Wall (#1) joint (See Diagram 27).



Place the remaining Top Plates (#2) on top of the Top Rail (#5), between the rail joints and aligned with the Bottom Plates (#6) (See Diagram 27).



**DIAGRAM 28** 



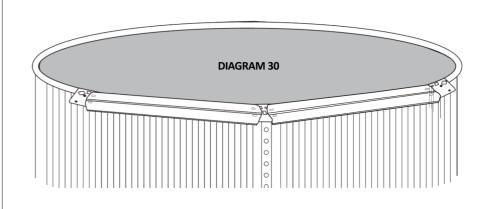
Place a Top Ledge over the Top Plate (#2) and attach using 4 Bolts (#12), Washers (#13), Lock Washers (#16) and Nuts (#11). Continue this process until all of the Top Ledges (#7) are attached to all the Top Plates (#2) (See Diagram 28).

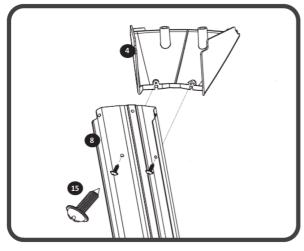
Check the alignment but do not tighten.

### **STEP 8:** Part 2 INSTALLING THE TOP PLATE



Adjust the distance between the 2 metal pieces if necessary to fit the Top Ledges (#7). Make sure that you place the longer side of the Top Ledge (#7) facing out and the shorter side facing inside the pool. Once you have fixed all the Ledges into position, line up the screw holes and lightly fasten with the Bolts (#12), Washers (#13), Lock Washers (#16) and Nuts (#11) provided (See Diagram 30).





**DIAGRAM 31** 

Fix all Top Ledges (#7) to the Top Plates (#2). Make sure they are all adjusted properly before finally tightening the bolts.



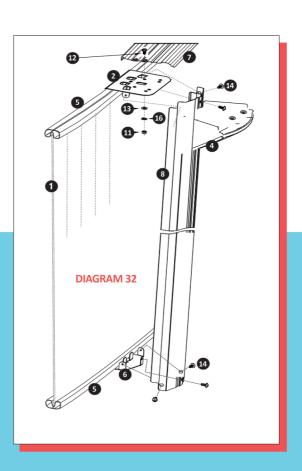
### FIXING THE BOTTOM PLATE COVER

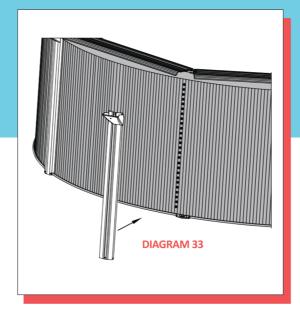
Attach the Top Cap Bottom Cover (#4) to the Vertical/Upright Support (#8), using the M4X10 screws (#15) that are provided (See Diagram 31).



# **STEP 9:**ASSEMBLY OF THE VERTICAL /UPRIGHT SUPPORTS

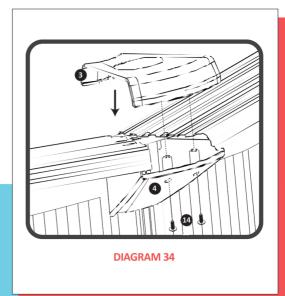
Line up all the screw holes for the Vertical/Upright Supports (#8). The first Vertical/Upright Support should be placed over the joint in the pool wall. Fix the Vertical/Upright Support onto the metal pieces. Line up the screw holes and check if the vertical sections are in line. Once all vertical supports are in place and straight, fix the Vertical/Upright Supports with screws provided (See Diagram 32 & 33).



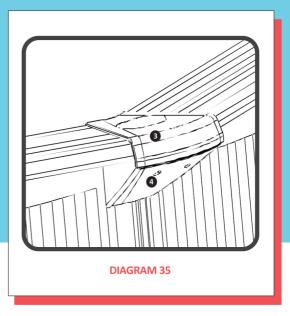


### **STEP 10:**

### ASSEMBLY OF THE TOP CAP COVERS



The Top Cap Covers (#3) are for covering and protecting the edges of the Top Rails (#5). Hook the Top Cap over the outside edge of the Top Rail and gently pull to fasten the cover to the inside edge. Fix to the Top Cap Bottom Cover (#4) with the screws provided (See Diagrams 34 & 35).

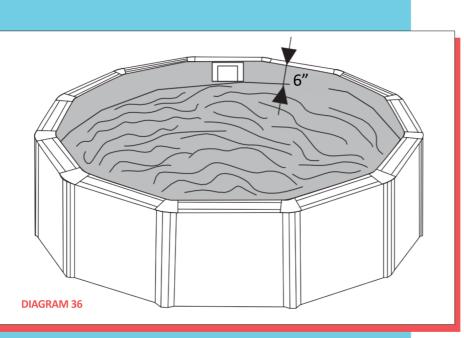




# STEP 11: INSTALLING THE WIDE MOUTH SKIMMER

#### **SAFETY WARNINGS!**

Install all safety warning signs and decals included with your pool.



### INSTALLING THE WIDE MOUTH SKIMMER

For protecting and safety, all edges of skimmer and return fitting knock out have to be covered by vinyl tape or rust proofing paint.

Begin the installation of the widemouth skimmer and return water fitting. Follow separate skimmer installation.



### INSTALLATION OF THE FILTRATION SYSTEM

Follow the manufacturer's instructions for installation of your filtration system. Once complete with all hoses attached to the pool skimmer and return water fitting, you are ready to finish filling the pool.

Follow all safety warnings included in filtration system installation manual.

#### FILLING THE POOL WITH WATER

Before you fill the pool with water, check to see if there are any loose screws not tightened during the pool frame installation process. Also check for holes or tears in the liner.

Fill the pool until the water is half way up the skimmer opening or a minimum of 6" from the top of the Pool Wall (See Diagram 36). This will ensure water is entering the skimmer opening and flowing into the filter system.

SAFTY WARNING! To avoid pool collapse, never leave the pool empty without water!



#### **POOL MAINTENANCE**

- Always keep your pool clean.
- Apply and maintain the correct pool chemicals. For best results use Rx Clear® brand chemicals.
- Unsanitary water is a serious health hazard.
- Maintain pool pH level between 7.2 to 7.6.
- Contact a pool professional for advice if you have questions about your filtration system.
- Clean dirt and debris from the pool with an appropriate vacuum system designed for use with your pool.
- Run your filtration system as instructed in the system's manual based on your volume of pool water. Allow enough running time to ensure the pool water is completely filtered.
- Keep the water height at mid-skimmer level or about 6" from the top of the wall.



#### **ADDITIONAL POOL & WATER SAFETY GUIDELINES**

- Do not allow anyone who does not know how to swim to access the pool.
- Child supervision should be close and constant.
- Name only 1 safety supervisor.
- Reinforce supervision when there are several users in the swimming pool. Have personal flotation aids available (for people who cannot swim).
- Teach your children to swim as early as possible.
- Wet your neck, arms and legs before you enter the water.
- Make sure you are trained in life-saving techniques, especially those for children. Forbid children from diving or jumping into the pool.
- Forbid races and rough play in the pool.
- Do not allow children who are unable to swim to enter the pool without swim vest or armbands, and without adult supervision. Flotation devices are not a substitute for adult supervision.
- Do not leave toys near or in the pool with no supervision.
- Store the water treatment products away from children's reach.
- Always keep a telephone at or near the pool side so as to not leave children alone when you are on the phone.
- Always keep pool buoy and pool pole at the pool side.
- Keep the pool fence gate shut when the pool is not occupied.
- If possible, use an electronic pool alarm that can detect someone falling into a pool.
- Install all warning and danger decals/signs as instructed.
- Always keep the water clear and sanitized.

#### THERE IS NO REPLACEMENT FOR CLOSE ADULT SUPERVISION OF CHILDREN

