

ASSEMBLY INSTRUCTIONS

Trevi 205 OVAL POOLS

Dear Customer

Congratulations! You have purchased a pool of superior quality and durability. To achieve the best possible results, follow the instructions carefully. Failure to follow the installation procedures may result in damage to your pool or property and void your warranty. We recommend that you make a preliminary study of the instructions booklet to familiarize yourself with the different parts of your pool. Make sure that you understand each step thoroughly before you begin assembly.

We wish you a most pleasant and refreshing summer.

WARNING: Be sure you have read and understood the “Safety Information” sheets before you begin your pool installation.



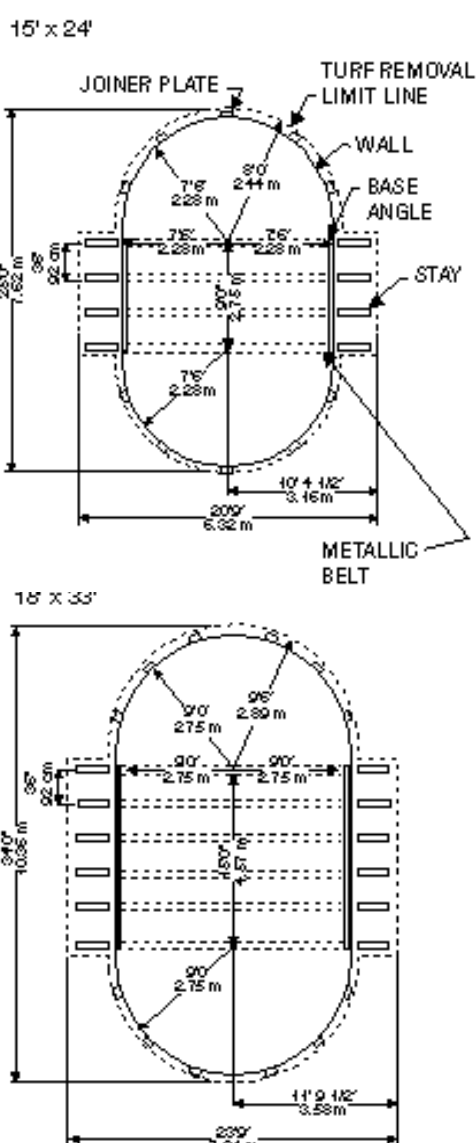
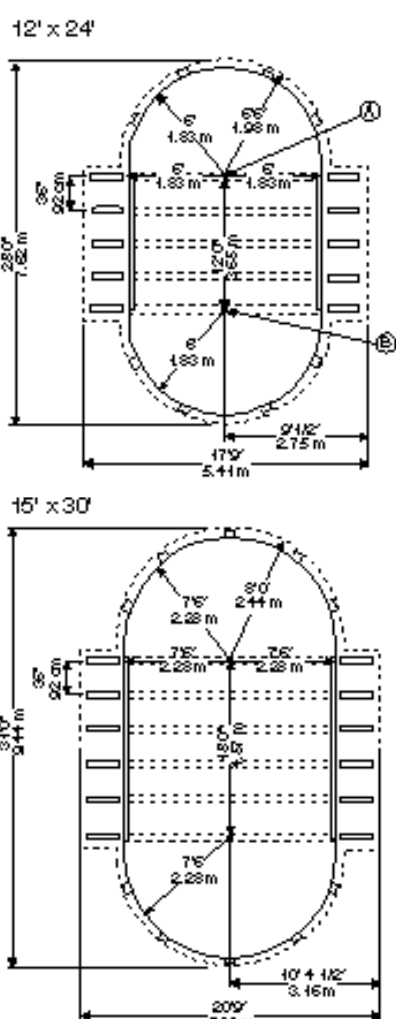
WARNING: For your safety, your pool is not designed for diving and/or jumping head first. Please do not dive. Diving may result in permanent injury or death.

1

SITE PREPARATION

When selecting the site of your pool, take into account city by-laws regarding fences and utilities laws pertaining to electrical cables, as well as the landscaping which you plan to do once the pool is installed.

Drive a stake into the ground at point A and B respecting the distance of the straight section between those two points. Draw the two half circles 15 cm to 20 cm (6" to 8") longer in radius than the pool. Join the two half circles adding 88 cm (36") on each side to leave room for the stays. Remove all grass from the area which you have just outlined.



Chart

POOL DIAMETER	SAND	STONE DUST*
3.66 m x 7.32 m (12' x 24')	2 Tons	1 Ton
4.57 m x 7.32 m (15' x 24')	2 1/4 Tons	1 1/4 Ton
4.57 m x 9.15 m (15' x 30')	2 1/2 Tons	1 1/2 Ton
5.49 m x 10.05 m (18' x 33')	3 Tons	2 Tons

* If you only use sand, add stone dust tonnage to sand.

2

SITE LEVELLING

SITE LEVELLING FOR OVAL POOLS WITH BELTS

For an oval pool with belts, the bottom must absolutely be leveled without a slope.

Level the surface very carefully using a carpenter's level and a straight plank. Eliminate any protrusions. Make sure that the surface is free of debris such as rocks, wood, etc...

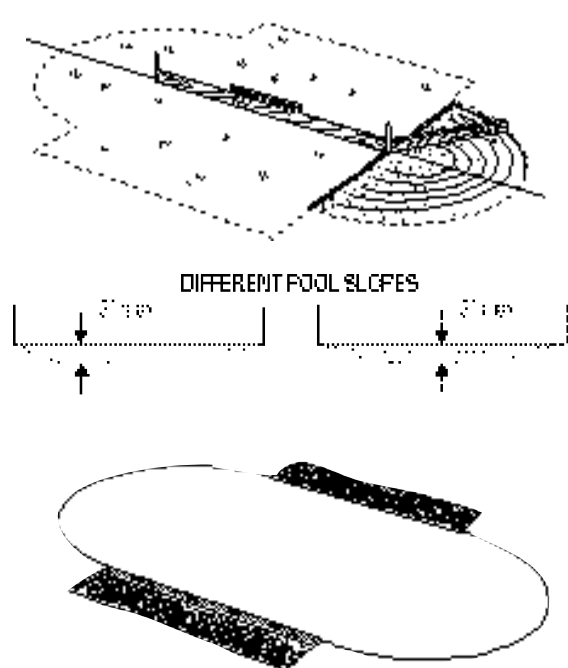
Double check this very important step.

SITE LEVELLING FOR OVAL POOLS WITH CONCRETE SIDE WALK

The advantage of an oval pool with a concrete walk is that you can dig the bottom to give it more of a slope in the middle.

The maximum slope is 15 cm (6").

It is also necessary to dig 7.6 cm (3") deep along where the angled posts will be installed in order to place a 2 cm (3/4") stone base for the concrete side walk.



3

BOTTOM DRAIN ASSEMBLY (if applicable)

Dig a 30 cm (12") wide by about 25 cm (10") deep hole exactly in the center of the circumference.

Dig a 15 cm (6") wide trench going from the center hole to the planned location of the pool motor. Place removed soil beside the trench as it will be used to bury the hose.

Bottom drain assembly

Place teflon around the plug thread. Screw in drain hole using large pliers.

Glue connector in the appropriate opening.

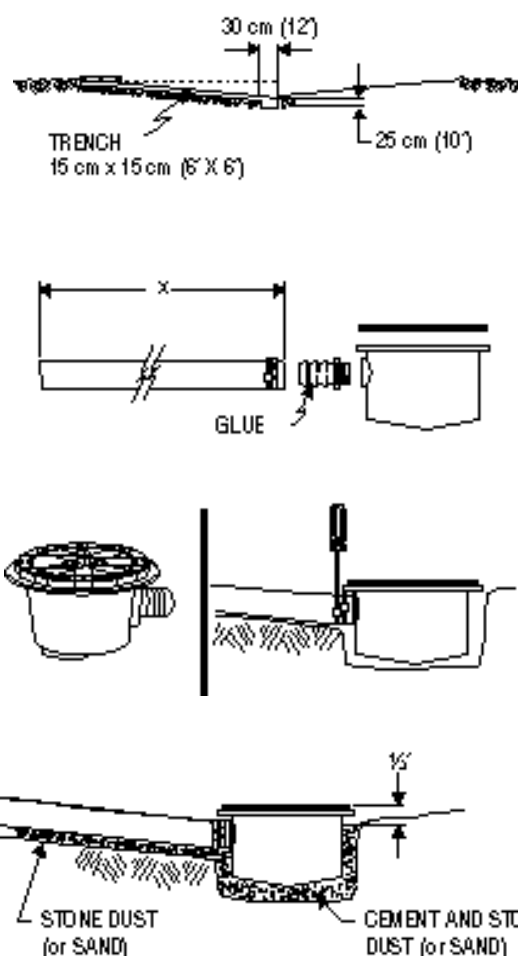
Take one of the two rubber rings and adjust it on the top of the drain, taking care to align the holes. Secure with strips of adhesive tape to prevent sand from penetrating inside the holes once the drain is installed.

Secure one end of the long black or white hose inside the drain spout, first apply glue on the drain spout and inside the drain end. Secure with one or two collars.

Cut the hose so that it ends with the stone dust (or sand). The pool radius is calculated plus 15 cm (6") from the center of the drain.

Place the assembled bottom drain in the hole so that it is approximately 1.3 cm (1/2") higher than the surface soil. Bury the hose, placing the drain as level as possible. Compact using your feet and the tampering tool.

Mix three (3) shovels of stone dust (or sand) with one half-shovel of pure cement and a little water and place this cement around the drain up to 1.3 cm (1/2") under the top of the drain.



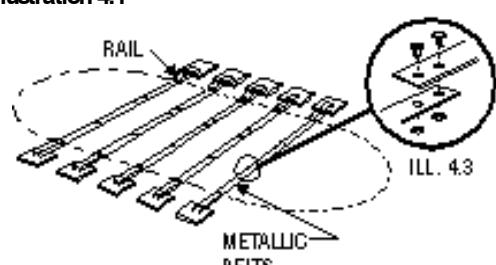
4 BELT INSTALLATION (if applicable)

Study illustrations and Chart carefully. You can now put together the metallic belts. Refer to indications on Chart for number of metallic belts and sections per belt according to their respective length.

Make sure you install the bolts and nuts 1/4-20 x 3/4" properly as indicated (Illustration 4.3) so the head of the bolt is on top.

These lengths must link with the rails on both sides (Illustration

Illustration 4.1



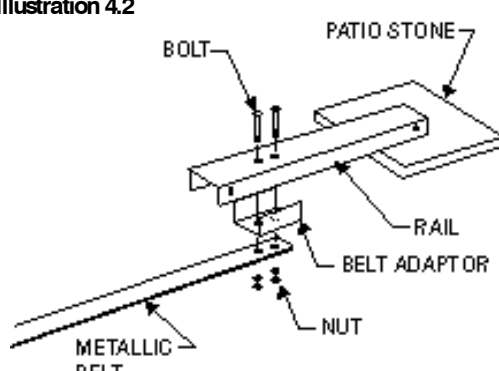
Chart

ILLUSTRATION	POOL DIMENSIONS		NO. OF METALLIC BELTS	NO. OF SECTIONS PER BELT	
	FEET	METERS		54.5" (1.38 m) LENGTH	38.875" (0.99 m) LENGTH
4.1	12 X 24	3.66 X 7.32	5	15 β per belt	—
4.1	15 X 24	4.57 X 7.32	4	12 β per belt	4 (1 per belt)
4.1	15 X 30	4.57 X 9.15	6	18 β per belt	6 (1 per belt)
4.1	18 X 33	5.49 X 10.05	6	18 β per belt	12 (2 per belt)

4.2), using the 1/4-20 X 3" (76mm) bolts and nuts.

The belt adaptor is installed to maintain the belt at an horizontal position.

Illustration 4.2



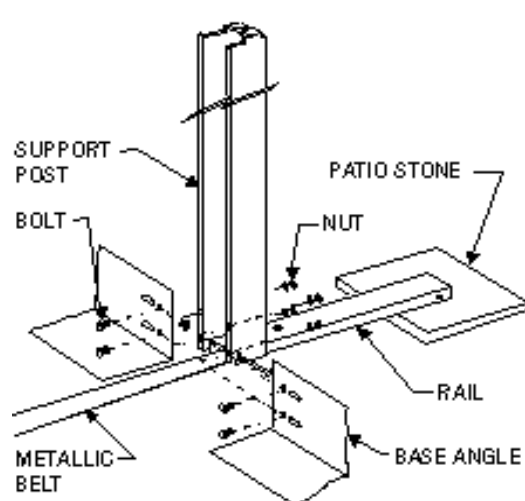
5 BASE ANGLE INSTALLATION

Referring to Illustrations 4.1. You have:

- 8 base angles for 3.66 m x 7.32 m (12' x 24')
- 6 base angles for 4.57 m x 7.32 m (15' x 24')
- 10 base angles for 4.57 m x 9.15 m (15' x 30')
- 10 base angles for 5.49 m x 10.05 m (18' x 33')

These angles must be placed between each metallic belt that you have assembled in step 4. To assemble, it is important to secure the support post to the rail, using one 1/4-20 X 3" (76mm) bolt and then the base angles to each other using the support post (with 1/4-20 X 3/4" (19mm) bolt). The last operation of this procedure is the assembly of the track fasteners at each end of the pool centre.

NOTE: The base angles replace the straight track on the bottom, but straight tracks are installed on top.

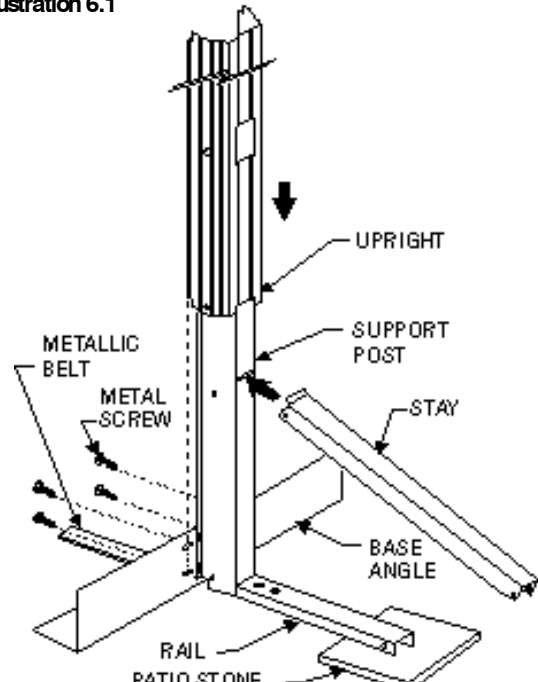


6 STRAIGHT SECTION UPRIGHTS ASSEMBLY

Number of uprights and stays:

- 10 for a pool of 3.66 m x 7.32 m (12' x 24')
- 8 for a pool of 4.57 m x 7.32 m (15' x 24')
- 12 for a pool of 4.57 m x 9.15 m (15' x 30')
- 12 for a pool of 5.49 m x 10.05 m (18' x 33')

Illustration 6.1



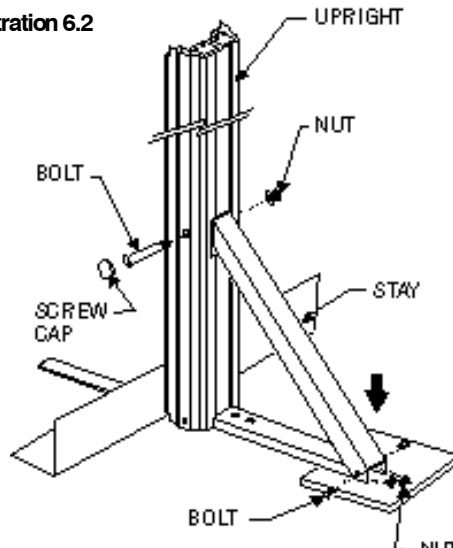
The straight section uprights have an opening used to slide the stay inside (See Illustration 6.1) the support post.

NOTE: Trevi 50 didn't have uprights with an opening.

Here, the first operation consists in sliding the upright over the support post and secure it on the base angles with four (4) metal screw (See Illustration 6.1).

Afterwards you insert the stay in the support post opening and you fix it with a 1/4-20 x 3" (76mm) bolt (See Illustration 6.2) and at the other stay end, you insert a bolt of 1/4-20 x 3" (76mm).

Illustration 6.2



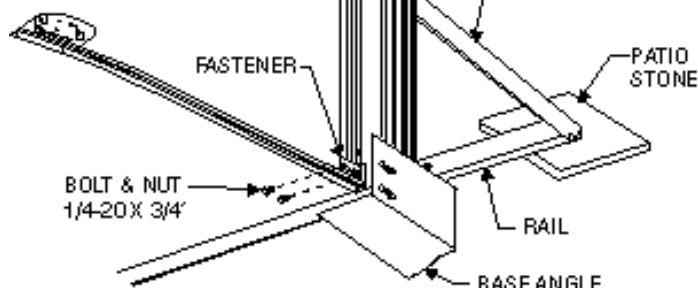
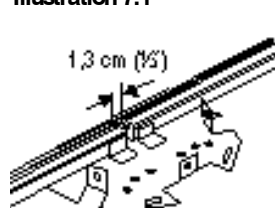
7 HALF-CIRCLE TRACK INSTALLATION

Take the radius tracks and joiner plates and start at the first lateral upright by sliding a track in the orifice provided. Make sure the track is properly secured to the track fastener and slide a joiner plate. Repeat until the "half-circle" is complete (Illustration 7.1).

Chart

POOL DIAMETER	NUMBER OF TRACK	NUMBER OF PLATES
12' x 24' (3.66 m x 7.32 m)	10	8
15' x 24' (4.57 m x 7.32 m)	12	10
15' x 30' (4.57 m x 9.15 m)	12	10
18' x 33' (5.49 m x 10.05 m)	14	12

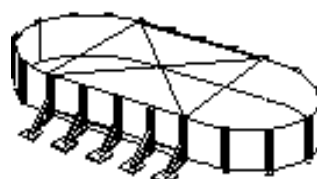
Illustration 7.1



NOTE: Make sure to leave an approximate of 1.3 cm (1/2") gap between the ends of each track, to allow easy adjustments when installing the steel wall.

Before going to step 8, make sure that the centre of the pool is properly squared and metallic belts stretched (see Illustration 7.2).

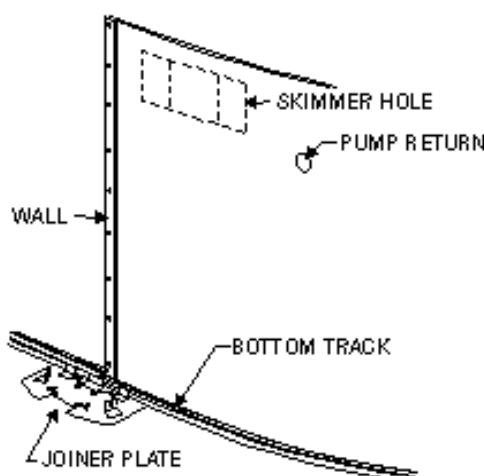
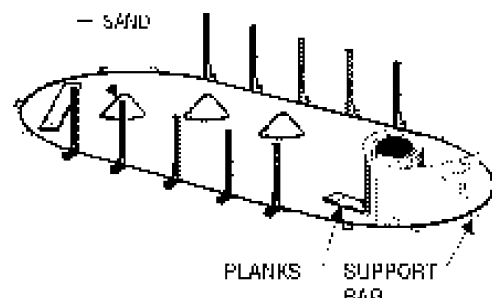
Illustration 7.2



8 WALL INSTALLATION

Select filter location (never beside a straight section, always beside a half-circle). The starting point will be at that location so that the skimmer and return holes are as close as possible to the filtration system.

Before uncoiling the wall, make sure the pre-punched holes for the skimmer and pump return are at the top and facing the planned location of your filter.



8

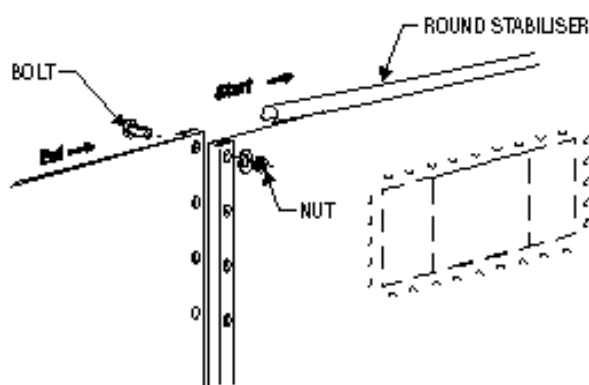
WALL INSTALLATION (continued)

Begin inserting the wall into the bottom wall tracks in the middle of a joiner plate.

At first, the wall is kept in place with one or two support bars (or extra persons). One person uncoils the wall on a beam or a plank, while a second person inserts it in the bottom wall tracks. Do not uncoil more than 3 m (10') of wall before you install a support bar to reinforce the structure.

Once the wall is completely uncoiled, you may find that it is too long or that both ends do not meet by a few centimetres. If such is the case, you must gently push the wall in or out. If this does not work, roll up the wall again, realign the grooves and uncoil the wall again. If the spread is too wide, measure the wall and check it against the following chart.

Illustration 8.1

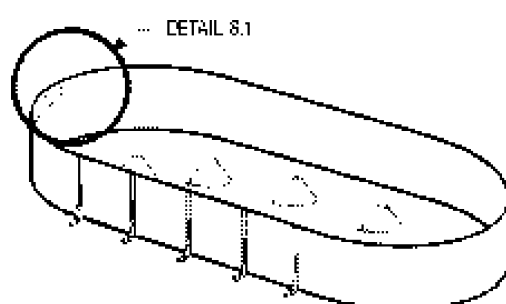


Chart

POOL DIMENSIONS	ACTUAL LENGTH OF WALL
3.66 m X 7.32 m (12' X 24')	18.83 m (61' 9 3/8')
4.57 m X 7.32 m (15' X 24')	19.88 m (65' 2 1/2')
4.57 m X 9.15 m (15' X 30')	23.53 m (77' 2 1/2')
5.49 m X 10.05 m (18' X 33')	26.40 m (86' 7 9/16')

When you prepare to join the ends of the wall, make sure the end that is reinforced by the fold is inside the circle, facing the liner and that the other end faces outward (Illustration 5.1).

When the wall joint is secured, install the round stabilisers on top of it.



IMPORTANT: Due to the enormous pressure exerted by the water on the steel wall, it is absolutely essential that all the bolts are screwed in tightly and no hole is left open. All bolt heads must be inside with washer and nut outside. Cover all bolt heads with heavy fabric tape.

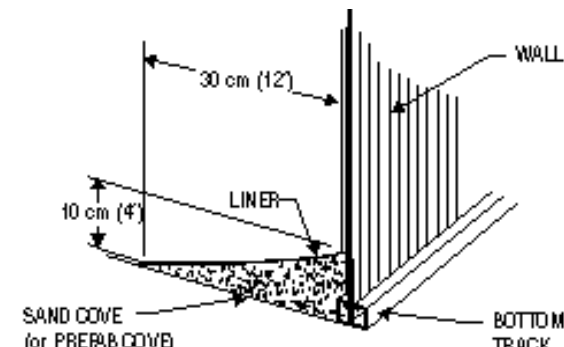
9

SAND BASE FINISHING

You can now spread approximately 10 cm (4") of compacting sand all around the inside base of the wall in order to protect the liner from the cutting edges of the bottom wall tracks and the stone dust (if applicable). Or install a prefabricated cove, if available.

SAND BASE FINISHING

Level finishing sand one last time. Make sure that any sharp stones, debris or roots have been removed from the surface. For better protection, spray sand with water and pack it once more until the base is nicely even.



10

"HALF-CIRCLE" VERTICAL UPRIGHT INSTALLATION

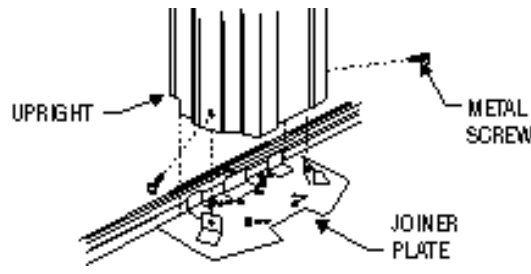
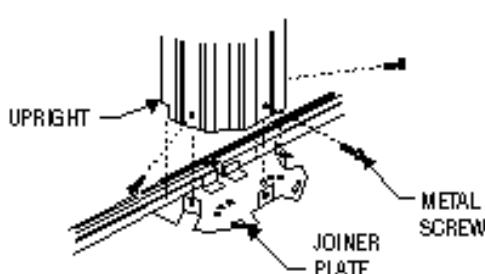
Attach the uprights to the bottom joiner plates with two or three metal screws. You will find them in the hardware bag depending of the model.

Uprights must be installed outside the flanged part of the joiner plate.

Note : Top and bottom joiner plates are the same.

TREVI 50 / 100 / 205 / 207 MODELS

TREVI 216 MODEL

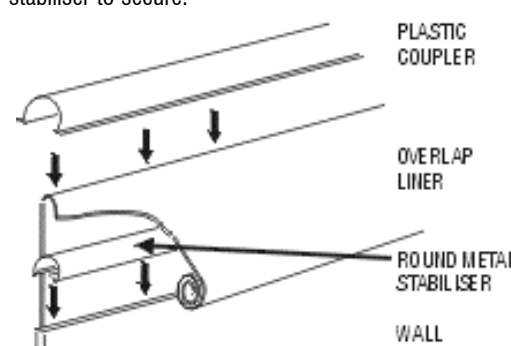
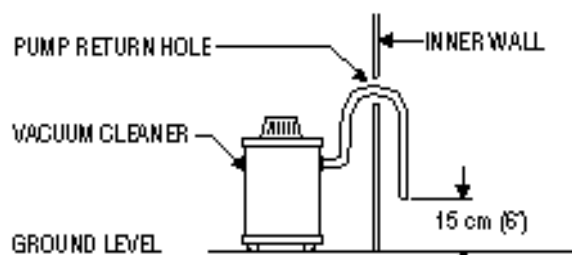


11

VINYL LINER INSTALLATION

Before pulling the liner up against the wall, insert a vacuum cleaner hose down into the pump return hole to approximately 15 cm (6") from the ground.

Hang the u-bead liner on the top of the wall and install the round stabiliser to secure.



Maintain the hose in place with adhesive tape. Don't forget to block the skimmer hole with adhesive tape to prevent air from leaking in.

Lift up a section of the overlap liner over the top of the wall leaving a 10 cm to 15 cm (4" to 6") fringe outside the wall.

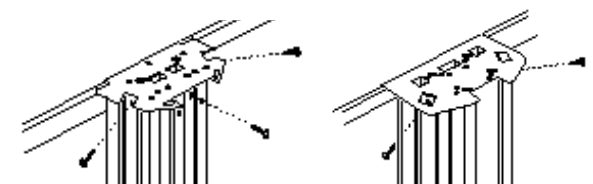
Secure the liner with a plastic coupler.

At this point, the liner may be too tight, making it difficult to drape the overlap or, on the contrary, too loose. In such cases, you will have to redistribute the tension in the liner by removing some of the couplers and readjusting the liner.

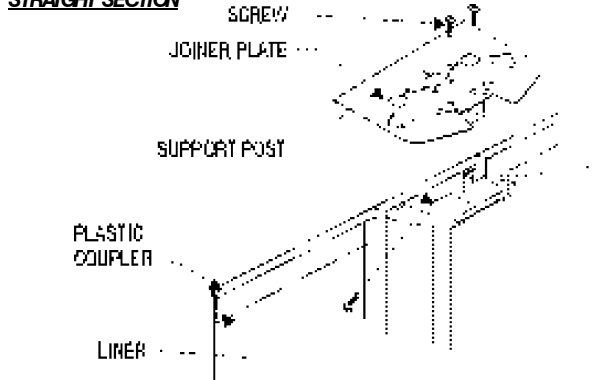
HALF-CIRCLE SECTION

TREVI 50/ 100/ 205/ 207 MODELS

TREVI 216 MODEL



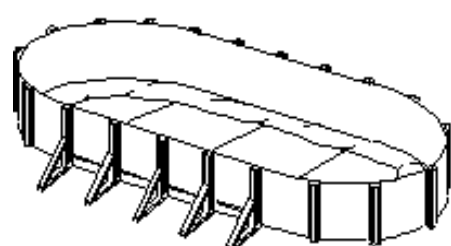
STRAIGHT SECTION



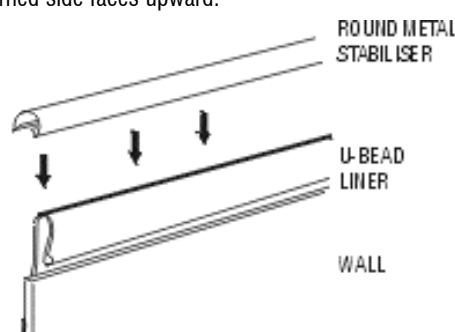
Install the joiner plates on top of each upright then install metal screws at the top of the support post, making sure the support posts are perpendicular to the ground.

NOTE: For the straight section don't forget to fix the joiner plate to the support post with two (2) screws.

Place the unfolded liner in the center of the pool area. Make sure you wear light, flat-soled shoes to walk on the sand as the slightest heel mark could be visible once the pool is filled.



Carefully unfold the liner (u-bead or overlap), bringing the bottom-sidewall seam close to the wall base. Make sure that the side with the protruding seams faces downward or that the patterned side faces upward.



11

VINYL LINER INSTALLATION (continued)

Start the vacuum cleaner to allow the liner to adhere to the wall and check for excess tension at the bottom or for wrinkles. Adjust the liner by removing couplers if needed, to lift or lower it in order to ensure a perfect fit.

Fill the pool up to the base of the wall before stopping and removing the vacuum cleaner.

PUMP RETURN FITTING

After you remove the vacuum cleaner, you may install the return fitting. Place the return fitting ring against the liner and adjust it so that it is perfectly aligned with the hole in the wall. When the ring is properly positioned and secured, cut the liner in the middle of the ring.

Insert the return fitting from the inside, placing the first gasket between the return fitting and the liner and the second between the wall and the liner. Then tighten the outside ring with large pliers, taking care not to crease the liner.

BOTTOM DRAIN (optional)

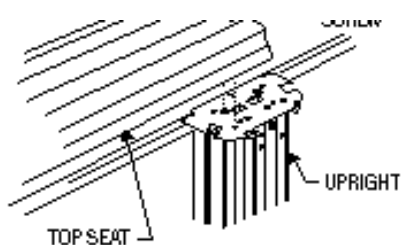
Find the holes through the middle of the liner and screw the ring and gasket in against the liner before cutting the liner in the middle of the ring, then screw on the drain cover.

12

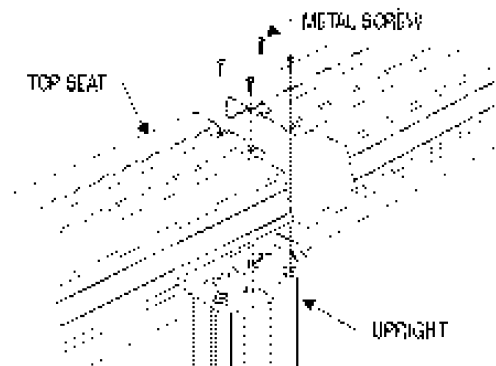
TOP SEAT INSTALLATION

Place top seat on top joiner plates and secure each section using four (4) metal screws. Attach the end of each top seat section to the surface of the top joiner plates.

TREVI 50 / 100 / 205 / 207 MODELS



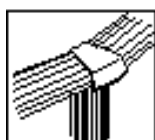
TREVI 216 MODEL



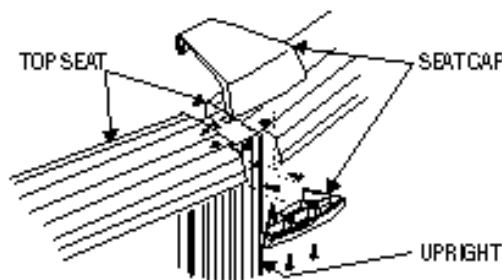
13

SEAT CAP INSTALLATION

Hook the seat cap on the inside edge of the seat and screw into the support post using two (2) metal screws.



Secure the other part of the seat cap using the other two (2) metal screws.



14

CONCRETE WALK INSTALLATION

Prepare a wood frame long enough to frame all angled posts, 91.5 cm (3') wide and a maximum height of 15 cm (6") since the cement must not touch the wall directly but the base support only.

Drive iron stakes about 46 cm (18") apart into the ground not to exceed 7.6 cm (3") from ground level, to prevent the future walk from receding with the water pressure.

Secure the frame using iron stakes.

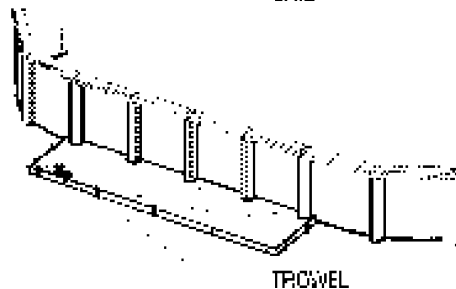
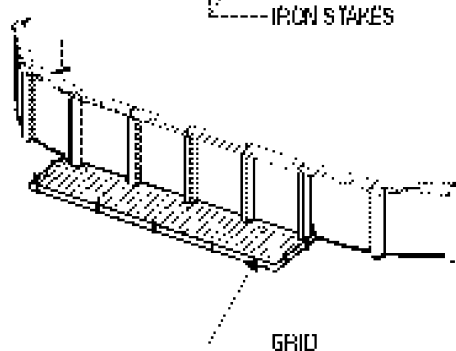
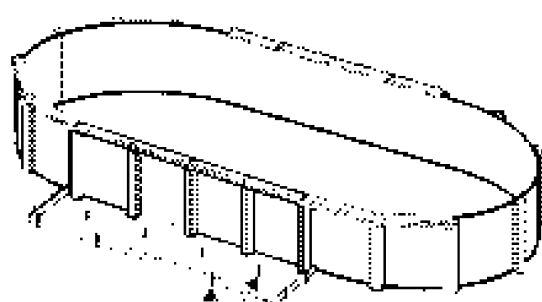
Introduce the first cement coat (approx. 7.6 cm (3")), then place the iron grid to even out the cemented surface from side to side in order to prevent it from cracking in years to come.

Introduce the last cement coat so that it comes up to the top of the base supports by creating a descending slope toward the end of the frame (for rainwater drainage). Smooth out using the rounded trowel.



Use the corner trowel to finish along the wooden frame edge.

After 24 hours of drying, you may fill with water and remove the wooden frame.

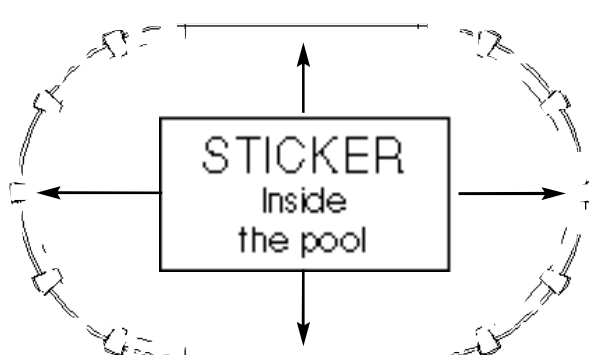
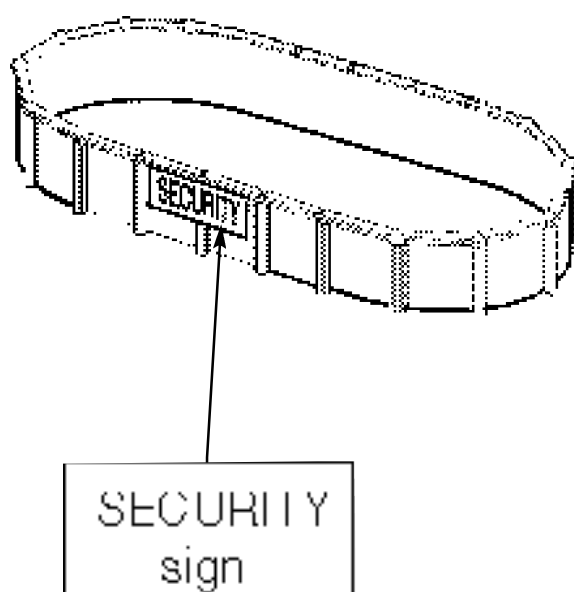


15

SECURITY SIGNS INSTALLATION

Position the Safety procedures panel on the outside of the pool. This panel must be at the most visible place from the yard on your pool.

Place the four (4) safety stickers inside the pool in a way that it's seen from any entry point of the swimmer (See positioning drawing).



16

FILTRATION SYSTEM ASSEMBLY

Note: See "Safety Information" manual page 1.

As described in the manual, all components of the filtration system should be placed to prevent a child to climb on top and get access to the pool.

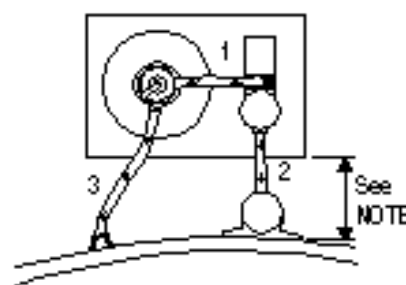
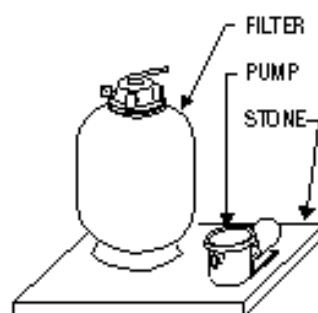
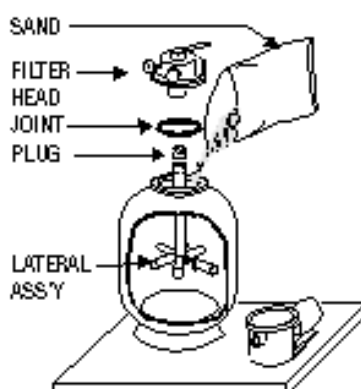
Using a little bit of stone dust (or sand), place at level a patio stone 61 cm x 76 cm (24" x 30") before installing the motor and filter

Position the motor on the stone and insert the two nozzles to connect the hoses.

Then, install the filter tank. Adjust the lateral assembly properly in its channel.
It is sometimes necessary to install the laterals.

Patch the center hole of the lateral assembly using the plug to allow filtering sand to flow into the tank.

Remove plug. Install joint in cavity and secure filter head by placing back wash position on side opposite to the pool.



Install necessary nozzles. Then, connect hoses using collars.

- 1-The first hose goes from the top of the pump to the side of the filter head.
- 2-The second one goes from the motor to the skimmer (or to the bottom drain valve).
- 3-The third goes from the front of the filter head to the water return or from the front of the chlorinator to the water return.

A back wash hose may be placed behind the filter head.

If there is a chlorinator and/or heat pump, they must be assembled at the filter exit.

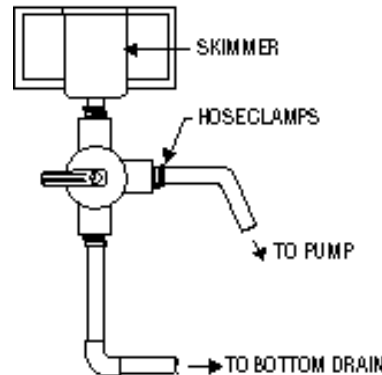
17

DRAIN VALVE ASSEMBLY (if applicable)

Insert threaded nozzles, if applicable, in order to be able to screw the valve in the skimmer.

Connect the drain hose to the bottom nozzle. Connect the motor hose to the side nozzle.

The threads on all threaded nozzles must be covered with teflon tape prior to installing in order to prevent water leaks. Teflon is applied to the threads as follows: little or none on the first few threads (to facilitate introduction) and several layers toward the end threads (for better watertightness).



18

PARTS LIST

ARTICLE	DESCRIPTION	12' x 24'	15' x 24'	15' x 30'	18' x 33'
A	Top seat	10	12	12	14
B	Top seat straight section	8	6	10	10
C	Upright	8	10	10	12
D	Upright with opening	10	8	12	12
E	Seat cap	18	18	22	24
F	Joiner plate	26	28	32	36
G	Round stabiliser	10	12	12	14
H	Plastic coupler	18	18	22	24
I	Metallic belt 54.5"	15	12	18	18
J	Metallic belt 38.875"	-	4	6	12
K	Belt adaptor	10	8	12	12
L	Base angle	8	6	10	10
M	Stay	10	8	12	12
N	Rail	10	8	12	12
O	Support post	10	8	12	12
P	Fastener	4	4	4	4
Q	Bolt 1/4-20 X 3/4"	60	56	84	96
R	Bolt 1/4-20 X 3"	60	40	60	60
S	Nut 1/4-20	110	96	144	156
T	Vinyl liner	1	1	1	1
U	Wall	61' 9 3/8"	65' 2 1/2"	77' 2 1/2"	86' 7 9/16"
V	Metal screw TREVI 50 / 210 / 216	248	240	304	328
W	Metal screw TREVI 100 / 205 / 207	274	268	336	364
X	Bolt & nut (for 52") for wall	25 (29)	25 (29)	25 (29)	25 (29)
Y	Drain kit (if applicable)	1	1	1	1

