

Everything you need to know



MATRIX

ROUND POOL

*Model 202

ASSEMBLY INSTRUCTIONS



MADE IN QUEBEC



HAVE ANY QUESTIONS?

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→ help.trevi.ca

*Reference name in the document.

ASSEMBLY INSTRUCTIONS

ROUND POOL

ROUND POOL
40320K_V9_2024-04-29

MODEL 202



DO NOT DIVE OR JUMP, SHALLOW WATER!

WARNING : THIS POOL IS NOT DESIGNED FOR DIVING AND/OR JUMPING.



WARNING : The pool owner is responsible to ensure everyone who accesses the yard, follows all safety instructions.



WARNING : Be sure you have read and understand the 'Safety Information' sheets before you begin your pool installation.

- Never dive, jump or slide into an above ground swimming pool. Diving, jumping or sliding may result in permanent injury or death.
- The homeowner is responsible to install all safety labels. The safety labels shall be placed above the water line, never covered and always visible from any potential entry points of the pool. Also, make sure to install safety labels at all access points of your yard.
- Adult supervision is always necessary. Never take your eyes off children or swimmers in the water or near the pool.
- Designate an adult pool watcher. Make sure that you or your pool watcher are able to intervene in less than 10 seconds to save a life or avoid injury.
- Do not swim during thunder, electrical or wind storms.
- Keep rescue equipment such as life rings and reaching poles etc, in a prominent area by the pool at all times. Please consult your municipality to get a rescue equipment list.
- An emergency phone number such as: nearest available police, fire, ambulance and/or rescue unit, must be visible from pool area. A functioning fixed or cellular phone must be reachable immediately.
- It is important that all users be able to see the bottom of the pool. Foggy water must be cleared up before entering the pool. At night, sufficient lighting must be available. It's the homeowner's sole responsibility to provide adequate lighting for pool bottom, safety labels and walkways, which exceeds minimum standards of the IES of North America.
- Never swim alone, under the influence of drugs or alcohol, tired or ill.
- All accessories and liners : the homeowner must follow the manufacturer's instructions and safety warnings.
- Do not affix any other products to your pool other than required by your local code.
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SAFETY LABELS

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SAFETY INFORMATION



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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 instruction booklet to familiarize yourself with the different parts of your pool. Make sure that you understand each step thoroughly before you begin assembling. We recommend having your pool installed by a professional. We wish you a most pleasant and refreshing summer.

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The pool is subject to wear and deterioration if not maintained pro-berly and could lead to failure of the pool's structure. Failure of the pool structure might release large quantities of water that will cause property damage, bodily harm or even death.

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Refrain from finishing up your pool with stones, rocks, gravel, etc., to avoid chipping of the paint and damaging the pool wall. Most decorative rocks are very acidic and they can damage and/or corrode your pool wall beyond repair.

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FILTRATION SYSTEM ASSEMBLY

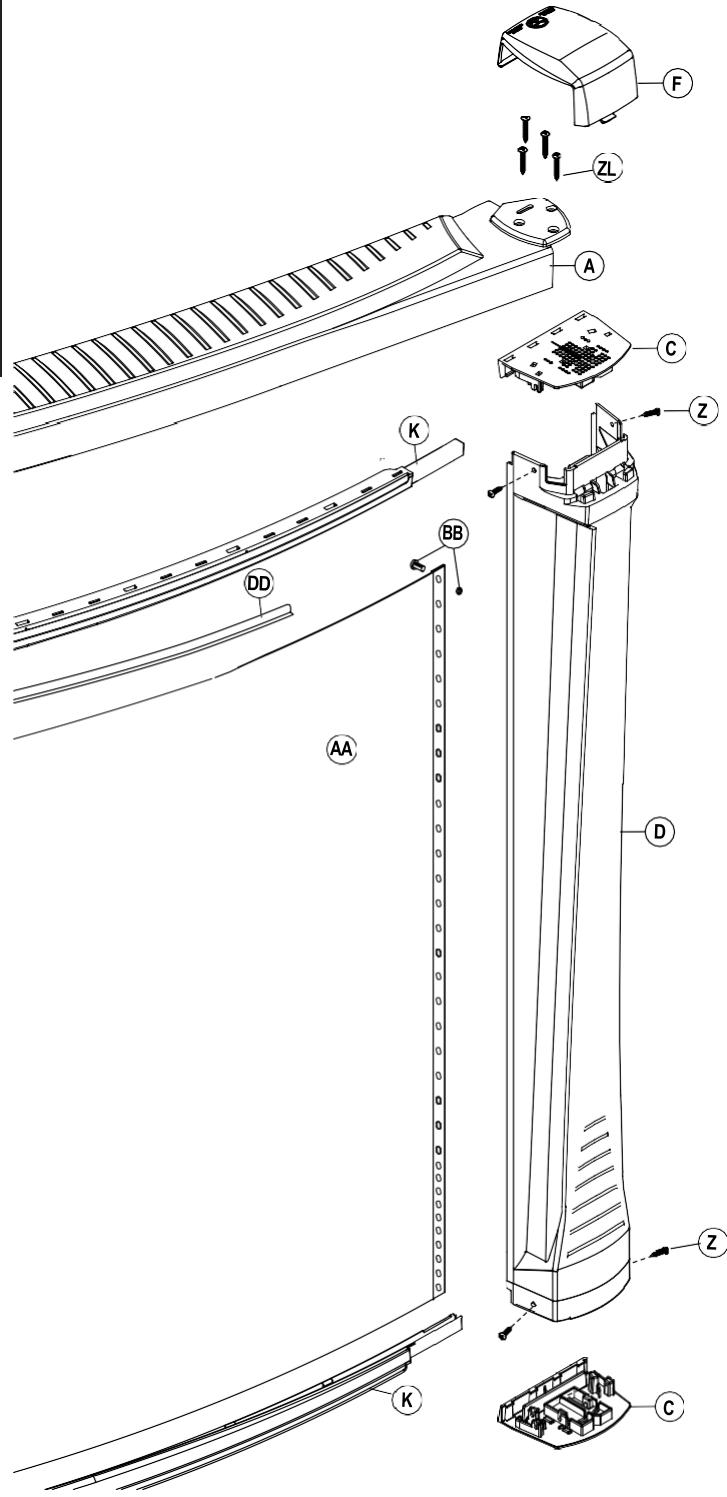
Assemble skimmer, inlet, drain (optional), filter, pump, hoses according to manufacturer's

instru

ctions and applicable regulations.

PARTS LIST

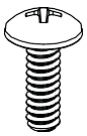
PARTS	DESCRIPTION
AA	POOL WALL
BB	BOLT - NUT FOR WALL
A	LEDGE
C	BOTTOM & TOP CONNECTOR
D	UPRIGHT
F	TOP CAP
K	BOTTOM & TOP TRACK
DD	COPING STRIPS (optional)
Z	SILVER SCREW 1"
ZL	LONG SCREW 1 1/2"



BB

Z

ZL



When selecting a site for your pool, take into account your local regulations regarding fences and utility laws pertaining to electrical cables, as well as the landscaping which you are planning once the pool is installed.

Drive a stake into the ground at the center of the site. Using a measuring tape, draw a circle 8" (20 cm) longer in radius than the pool size. (See Illustration 1.1 and 1.2).

Remove all sod from area to the lowest point in the yard where the pool will be built. Pool must be built on solid and levelled ground in order for warranty to be applied.

Make sure to order the required quantity of mason sand and stone dust (See Chart 1.1).

Illustration 1.1

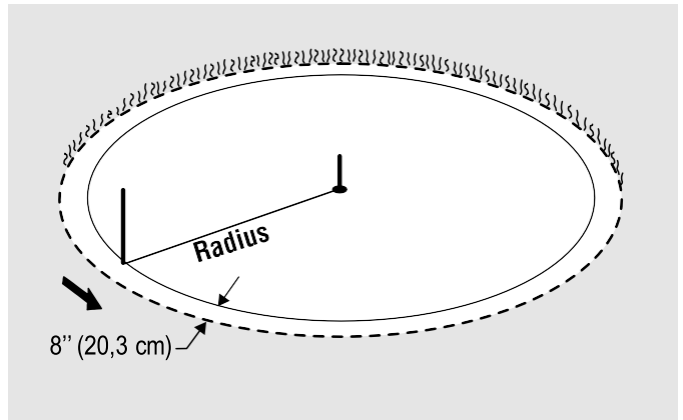


Chart 1.1

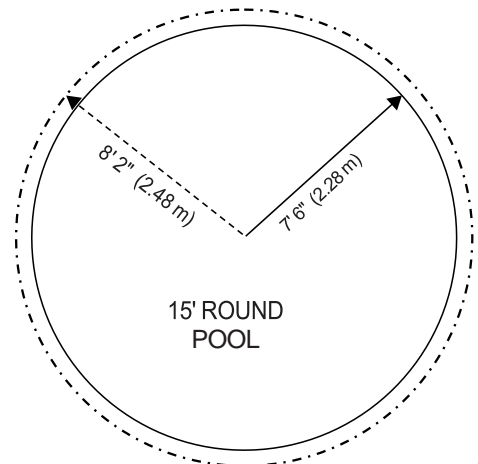
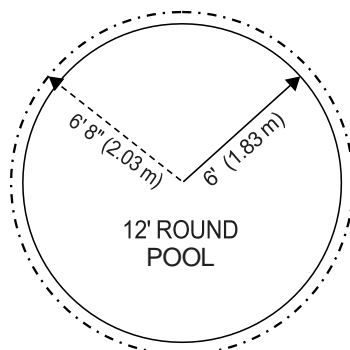
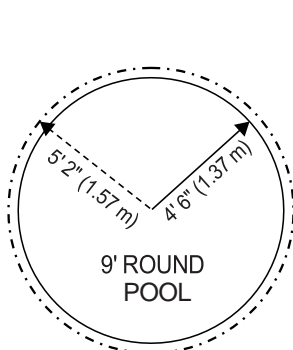
SIZE	ACTUAL POOL DIAMETER	ACTUAL POOL RADIUS	SOD REMOVAL		NECESSARY MATERIALS *		
			RADIUS	DIAMETER	COMPACTION SAND	STONE DUST	PATIO BLOCK 12"x 12"
9'	9' (2.74 m)	4' 6" (1.37 m)	5' 2" (1.57 m)	10' 4" (3.15 m)	3/4 ton	1/4 ton	or 6
12'	12' (3.66 m)	6' (1.83 m)	6' 8" (2.03 m)	13' 4" (4.06 m)	1 ton	1/3 ton	or 8
15'	15' (4.57 m)	7' 6" (2.28 m)	8' 2" (2.48 m)	16' 4" (4.97 m)	1 1/4 tons	1/2 ton	or 10
18'	18' (5.48 m)	9' (2.75 m)	9' 8" (2.95 m)	19' 4" (5.89 m)	1 1/2 tons	3/4 ton	or 12
21'	21' (6.40 m)	10' 6" (3.20 m)	11' 2" (3.40 m)	22' 4" (6.80 m)	1 3/4 tons	1 ton	or 14
24'	24' (7.31 m)	12' (3.66 m)	12' 8" (3.86 m)	25' 4" (7.72 m)	2 tons	1 1/2 tons	or 16
27'	27' (8.22 m)	13' 6" (4.11 m)	14' 2" (4.31 m)	28' 4" (8.63 m)	2 1/4 tons	1 3/4 tons	or 18
30'	30' (9.14 m)	15' (4.57 m)	15' 8" (4.77 m)	31' 4" (9.54 m)	2 1/2 tons	2 tons	or 20

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

Illustration 1.2

Illustration of the radius to be traced according to your pool diameter. (page 4-5 and 6)

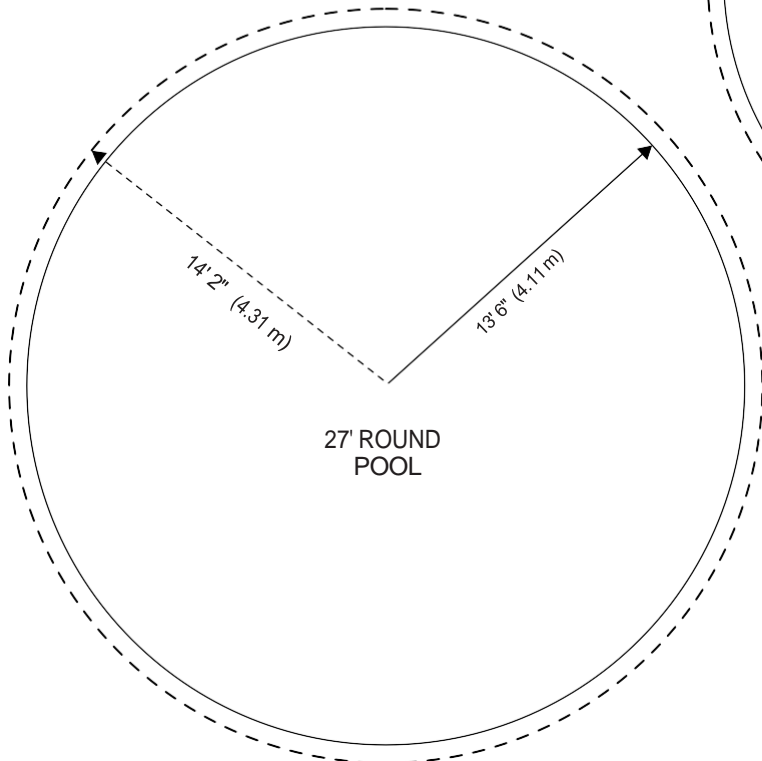
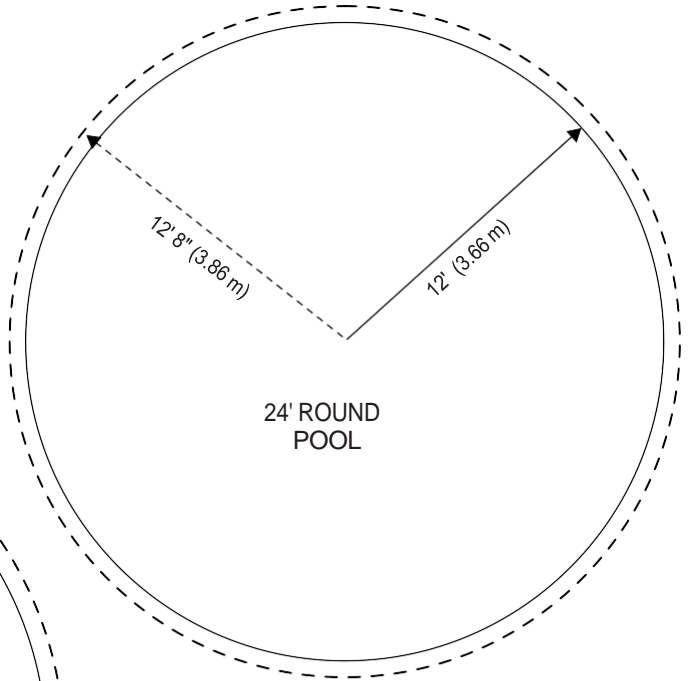
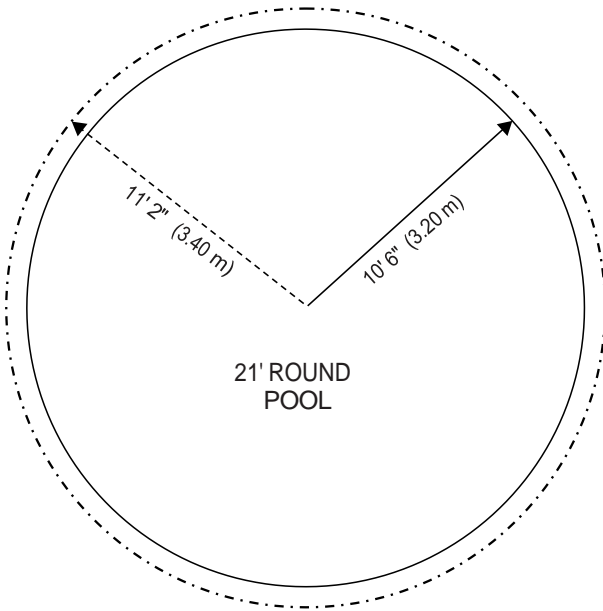
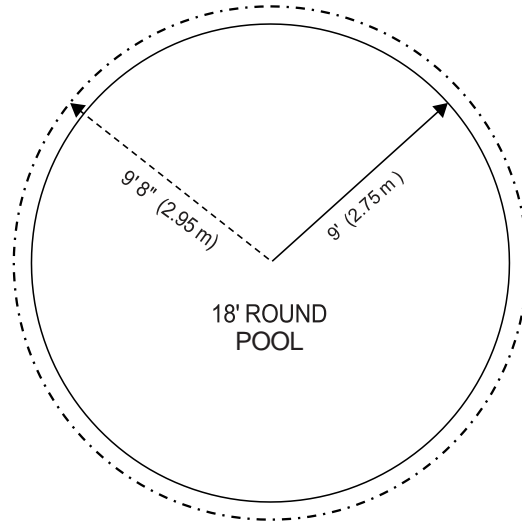
Sod removal -----
 Pool =



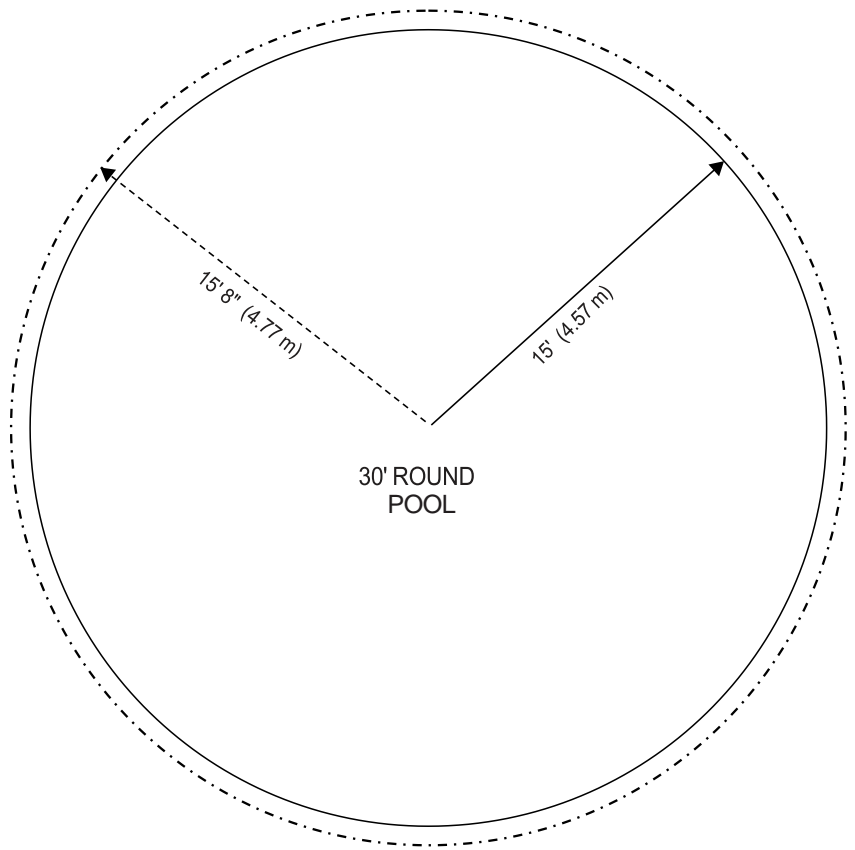
1

SITE PREPARATION (continued)

Sod
removal
Pool



Sod removal
Pool



2

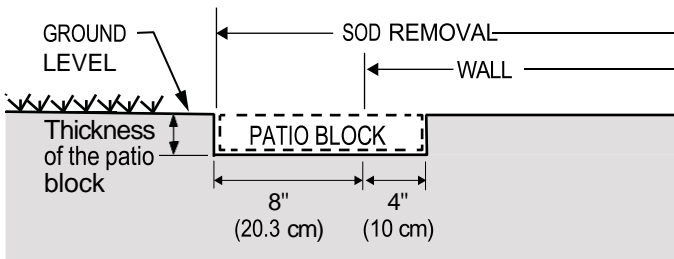
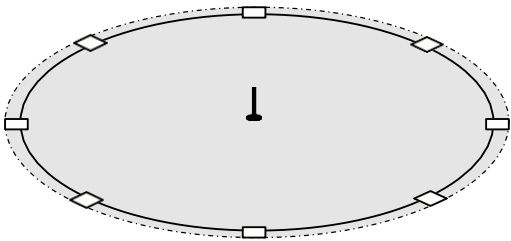
SITE LEVELLING

DO NOT ALLOW WATER TO ACCUMULATE AROUND POOL.

Make sure to provide good drainage away from the pool.

Eliminate any protrusions. Ensure that the surface is free of debris such as rocks, wood, nutgrass, weeds and other debris.

Patio blocks option : Evenly distribute and level all the patio blocks around the pool perimeter as per chart 1.1 and illustration below. Patio blocks area must be all levelled. Carefully add sand to all gaps and tamper around the sod removal area and patio blocks. Patio blocks must all be levelled.



Stone dust option : Add the necessary stone dust* to cover the 12" (30 cm) wide section between the dashed lines (sod removal area). Carefully compact the stone dust* using a tampering tool or vibrating plate (See Illustration 2.1) The stone dust area must be perfectly levelled, using a proper levelling tool.

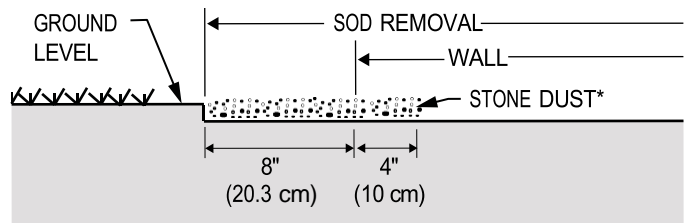
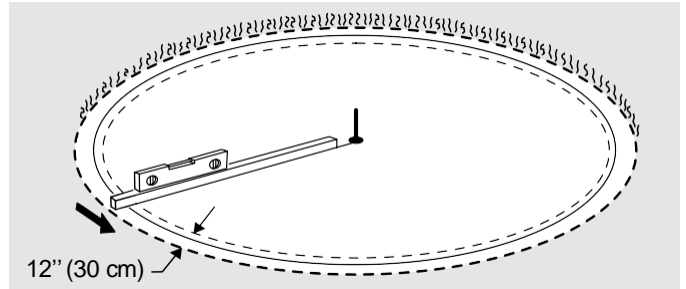
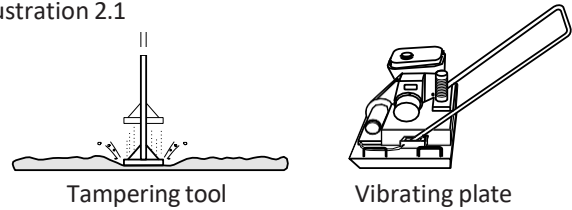


Illustration 2.1



* Preferred material is stone dust, if not available use compaction sand

3

BOTTOM WALL TRACK INSTALLATION

Important : Trace, once again, your pool perimeter using the center point and the pool radius per chart 1.1 in step 1.

Illustration 3.1 shows how to install the bottom connectors on each side of the bottom connectors. Carefully insert the ends of both tracks so the spacing is

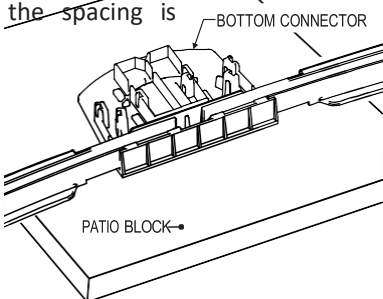
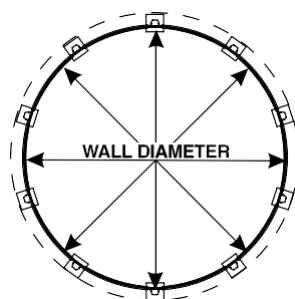


Illustration 3.2



approximately at 1/2" (1,27cm) to the center of the bottom connector. (See Illustration 3.1).

Make a complete circle using all the bottom tracks and bottom connectors found in the pool kit (See Chart 1.2 and Illustration 3.2).

Chart 1.2

POOL SIZE	QUANTITY OF BOTTOM CONNECTORS	QUANTITY OF BOTTOM TRACKS
9' (2.74 m)	6	6
12' (3.66 m)	8	8
15' (4.57 m)	10	10

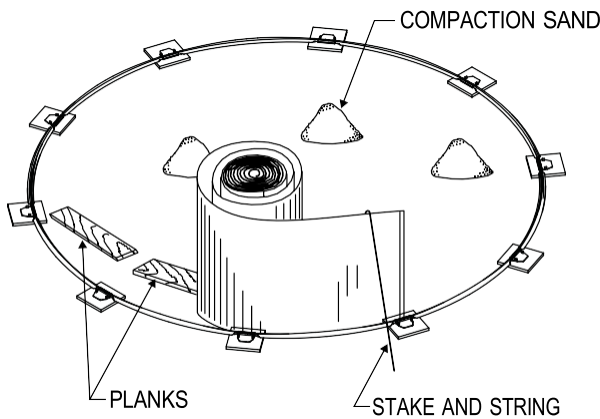
2

SITE LEVEL

18' (5.48 m)	12	12
21' (6.40 m)	14	14
24' (7.31 m)	16	16
27' (8.22 m)	18	18
30' (9.14 m)	20	20

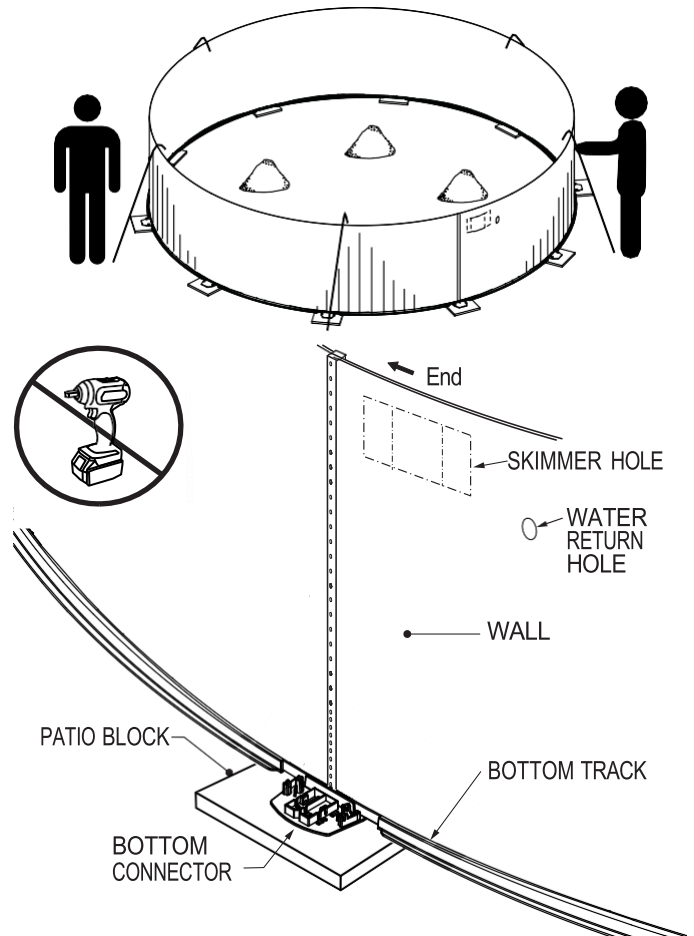
When installing the steel wall, it is important to do so in a location protected from the wind or on a day without any wind. Before uncoiling the wall, add sand for the pool bottom and cove. Make sure the pre-punched holes for the skimmer and water return are at the top and facing the planned location of your filter. Begin inserting the wall into the bottom tracks in the middle of a bottom connector.

At first, the wall is kept in place with one or two stakes and strings (or extra people). One person uncoils the wall on two beams or planks, while a second person inserts it in the bottom tracks. Do not uncoil more than 10' (3 m) of wall before you install a support bar or stake and string to hold the wall in place.



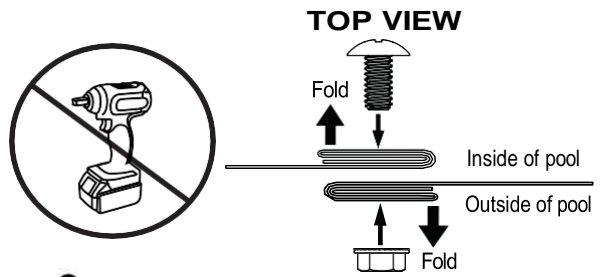
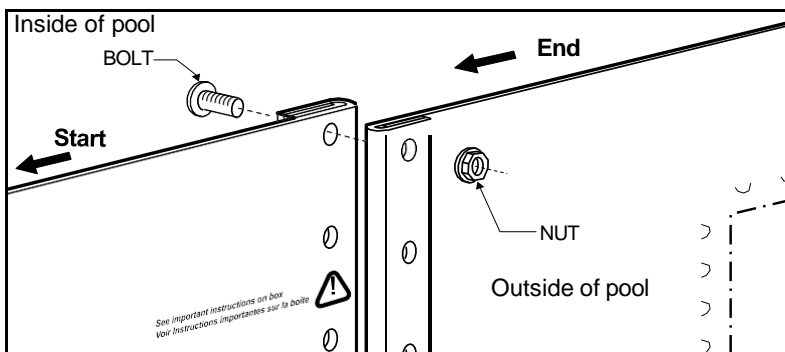
Once the wall is completely uncoiled, you may find that it is too long or that both ends do not meet perfectly. If such is the case, adjust the tracks in the bottom connectors until wall holes line up. If this does not work, roll up the wall again, check measurements as per chart 1.3 (next page), adjust tracks in the bottom connectors and if applicable, uncoil the wall again. If the spread is too wide, measure the wall and check it against the chart 1.3 of actual wall length. Join both ends of the wall by orienting folds outward to hide the exclamation icon per illustration below.

Note : If the wall joint is positioned properly, you should no longer see the exclamation icon. If you can see the icon, you must reverse the overlap.



Insert bolts and nuts (BB) in every hole and tighten with wrench (screw head on water side of wall). Tape over screw heads with 3 layers of duct tape. **You must use the wall bolts and nuts supplied in the wall box.**

Important! If you are missing any wall hardware, refrain from leaving empty holes in the wall joint assembly to prevent potential damage to your swimming pool. **The wall joint assembly will not hold and the pool will collapse.** Contact your pool dealer immediately, for any additional hardware required in the event of a shortage.



WARNING : Never use an impact gun for wall and tension straps screws. Minimum torque force of 60 inch pounds to maximum of 85 inch pounds.



IMPORTANT! A non-compliant installation according to manufacturers' instruction will void the warranty.

4

ity installation will cause the wall joint to split open which could result in serious and/or fatal injuries!

WALL INSTALLATION

4

WALL INSTALLATION (continued)

Chart 1.3

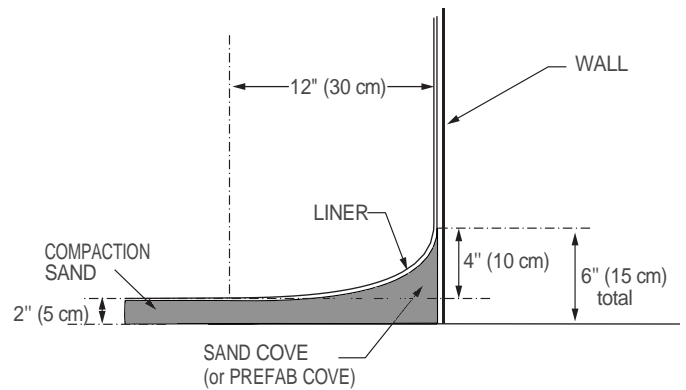
POOL SIZE	ACTUAL WALL LENGTH
9' (2.74 m)	28' 9 3/8" (8.77 m)
12' (3.66 m)	37' 9 3/8" (11.52 m)
15' (4.57 m)	47' 2 1/2" (14.39 m)
18' (5.48 m)	56' 7 1/2" (17.26 m)
21' (6.40 m)	66' 5/8" (20.31 m)
24' (7.31 m)	75' 5 3/4" (23.00 m)
27' (8.22 m)	84' 10 7/8" (25.88 m)
30' (9.14 m)	94' 3" (28.72 m)

5

SAND BASE & SAND COVE

You can now spread 2" (5 cm) of compaction sand, which is already inside the pool perimeter. Also, build a 4" cove, not needed if prefab cove used, 4" (10 cm) thick around the inside base of the wall. Compact the center with a tampering tool or vibrating plate and the cove by hand. The cove will protect the liner from the sharp edges of the bottom wall tracks.

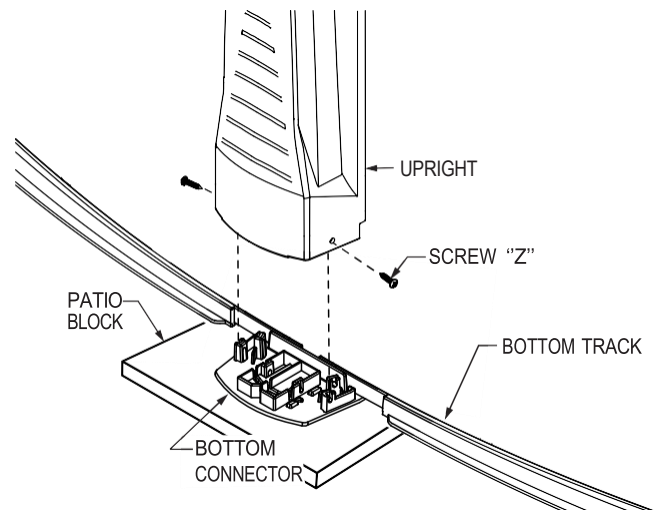
Level compaction sand one last time. Make sure that any sharp stones, debris or roots have been removed from the surface. For better protection, spray sand with water and pack it once more until the base is smooth, even and levelled.



6

UPRIGHT INSTALLATION

Assemble the upright to the bottom connector using the 1 screw "Z" on each side.



7

VINYL LINER INSTALLATION

See the liner manufacturer's instruction

8

TOP TRACK INSTALLATION (3 OPTIONS)

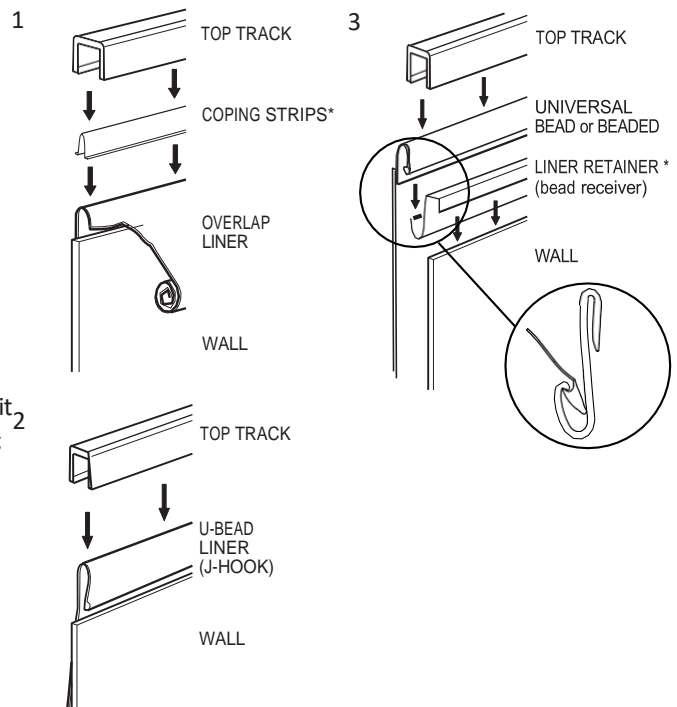
This is to complement liner manufacturer's instructions. If you have any questions, please refer to the liner manufacturer's instructions, first.

1- Overlap liner: Once the liner is draped in the pool, install the coping strips* around the perimeter of the pool. As the pool is filling, remove coping strip, never more than one at the time, to adjust the liner wall length as needed by adding or removing material. Once liner adjusted, install top tracks and top plates on each uprights.

2- U-Bead (J-Hook) (installed directly on the wall) : Hang the liner bead on the top of the wall and install the top track to secure it, followed by the top plate on each upright. **Coping strips not required for use with U-Bead (J-Hook) liner installation.**

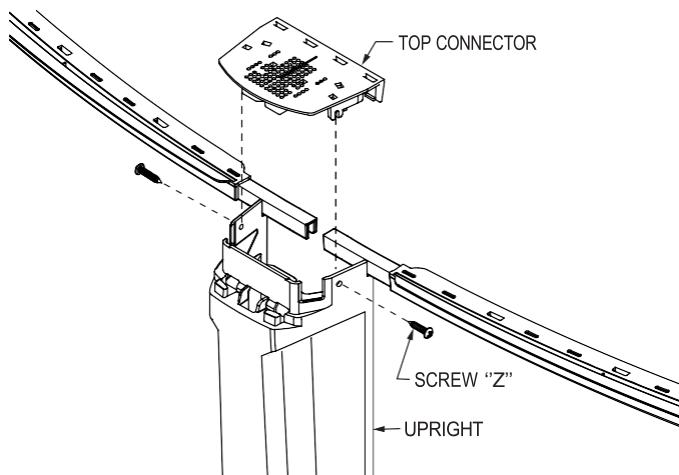
3- Liner installation with a Bead receiver track (bead receiver track not included with liner or pool kit) : Install the bead receiver track on top of the wall. Once the liner is installed and bead snapped in the Bead receiver track, install top tracks and top plates on each uprights.

* Required but not included with all kits.

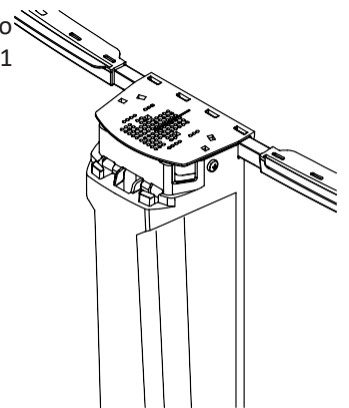


9

TOP CONNECTOR INSTALLATION



Install the top connector into the upright and secure with 1 screw "Z" on each side.



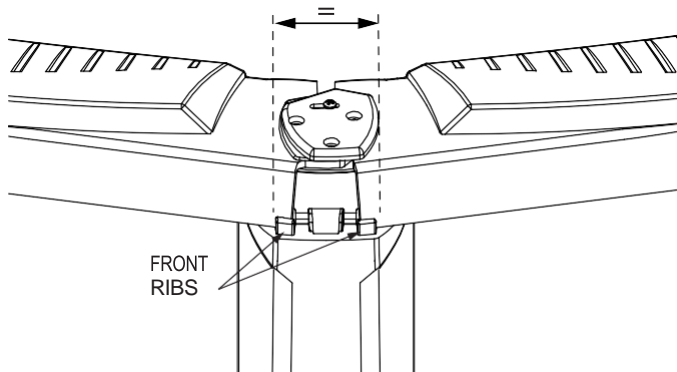
10

LEDGE INSTALLATION

Verify that each upright is completely plumb.

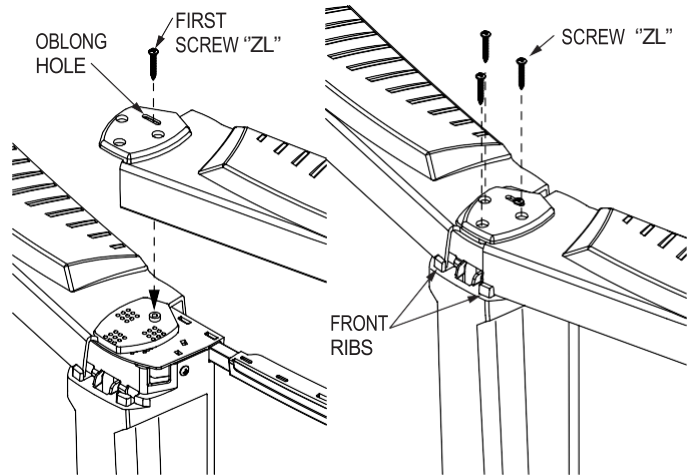
Evenly distribute ledges all around the pool before securing them.

Center the ends of the seat equally on the upright. Ensure that the outer edge of the ledges is behind the two front ribs on the upright's supporting surface.



Secure the ledges in place with a first "ZL" type screw in the oblong hole.

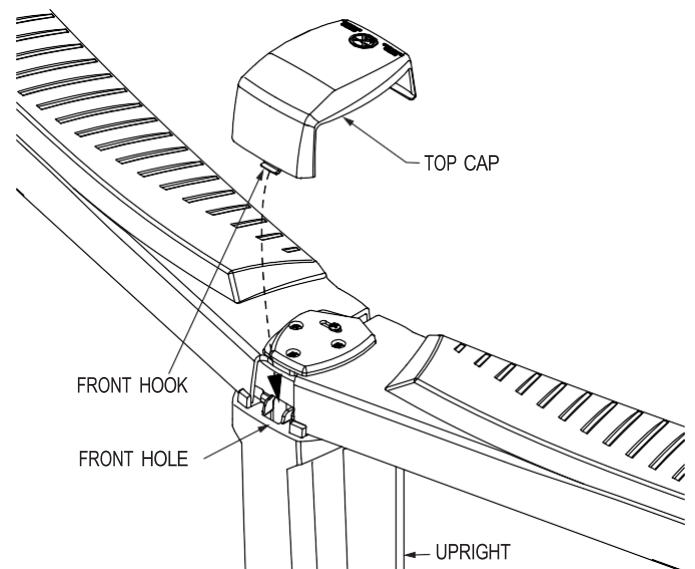
Then, secure the ledges in place with 3 "ZL" type screws.



11

TOP CAP INSTALLATION

Insert the top cap on the outer part of the ledge, making sure to insert the front hook of the top cap into the front hole of the upright, then secure the top cap towards the inside of the pool.



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SAFETY

Before filling the pool with water, make sure to install all safety labels. Refer to the following pages.

10

LEDGE INSTALLATION

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