



# INSTRUCTION MANUAL FOR RECTANGLE POOL

## INTRODUCTION

Thank you for investing in a Kona Pool. Our goal is to create decades of family fun. Easy to maintain and built to last a lifetime, a Kona Pool is a vacation in your own backyard.



## TABLE OF CONTENTS

• Introduction .....	2
• Positioning Your Pool .....	3
• Ground Preparation .....	4
• Parts for Assembly Pool .....	5
• Assembly (Step-by-Step) .....	6
• Skimmer Assembly .....	8
• Plumbing from Wall Fittings to Equipment .....	9
• Caring for Your Pool .....	13
• Safety Reminders and Warranty Information .....	14

# INTRODUCTION



## WELCOME TO THE KONA FAMILY

Welcome to the Kona Pool family. We are confident that your family will have decades of lasting memories in your Kona Pool.

## OVERVIEW OF THE ASSEMBLY PROCESS

Please read these instructions completely before beginning the installation of your Kona Pool.

If you have any questions pertaining to the installation of your Kona Pools, please contact your Kona Pool dealer or reach out to Kona Pools at (888) 419-1901.

## SAFETY PRECAUTIONS

To ensure years of family fun in your Kona Pool, please make safety a priority.

- No diving or jumping from the ladder or any deck structures.
- Supervise children at all times. Never leave a child unattended in the pool.
- Secure the pool and ladder when not in use.
- Keep electrical appliances away from the pool and ladder.

# POSITIONING YOUR POOL



## POSITIONING

To ensure maximum enjoyment and efficiency, consider the following steps when selecting the desired location of your pool.

- Select a location that receives maximum sunlight for increased heat and extended use.
- Select a location with as little wind exposure as possible to minimize heat loss.
- Be aware of the amount of trees and shrubbery around your pool to limit the amount of debris.
- Select a location with accessibility to water and electric sources.
- Consider privacy when selecting a location.

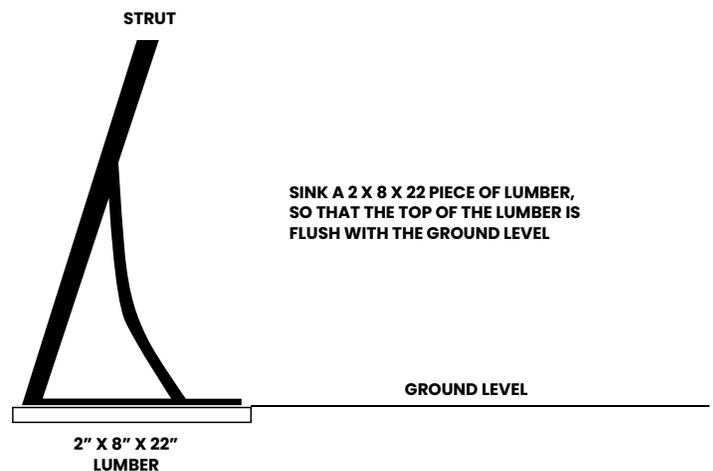
# GROUND PREPARATION



## GROUND PREPARATION

- The surface the pool is to be assembled on, must be firm and level. The pool must be installed as level as possible, within 2" to 3" out of level (from the highest point to the lowest point of the pool). If you are going to be 2" to 3" off level, be sure to install the skimmer on the lower side to ensure you skimmer will not suck air into the pump.
- If the ground is not level, take the earth from the high side of the surface; do not add earth to the lower area of the surface.
- Once the surface is level, clear any debris or sharp objects that may be uncomfortable to walk on, or could potentially puncture the liner. A foam flooring may be added under the liner for additional comfort. *See your dealer for details.*
- For installations on any surface other than concrete (i.e. dirt or grass), it is recommended to install additional support under each strut. The ground may appear extremely stable but will become soft and unable to bear the weight of the pool during periods of constant rain. A 2"x 8" x 22" piece of lumber installed under each Strut and

leveled with the ground is very effective. Make sure the entire base of each leg (Strut) is on the 2" x 8" lumber; any overhang may result in bending of the leg. A concrete slab (not a paver) of similar dimensions may be used as well. Please note that any support(s) added under the pool structure must be sunk so that the top of the support is level with the ground surface. Lifting the struts or frame in any manner may cause excessive stress on the liner and frame, and may void the pool warranty.



# PARTS FOR ASSEMBLY



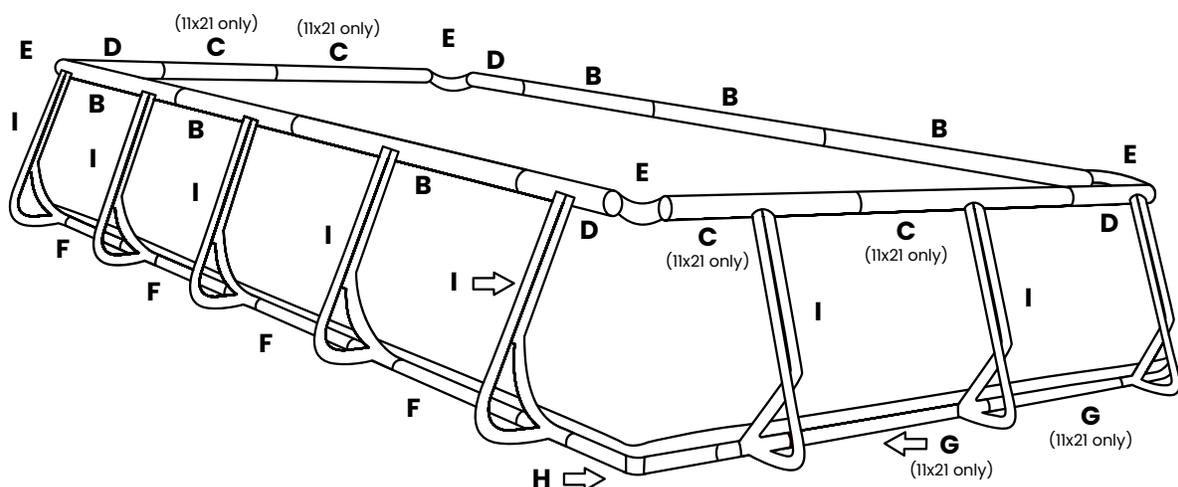
## PARTS FOR ASSEMBLY

Your pool is comprised of various parts according to the size and model selected. Therefore, before proceeding with installation, ensure that all necessary parts are present and group like parts.

Items included:

DESCRIPTION	QUANTITY
(A) Liner	1
(B) Top Straight Top Rail (130 cm)	see next page for quantity
(C) Top Straight Top Rail (110 cm) (11 x 21 only)	4
(D) Top Straight Top Rail (60 cm)	4
(E) Top Rail Corner	4
(F) Bottom Straight Rail (130 cm)	see next page for quantity
(G) Bottom Straight Rail (110 cm) (11 x 21 only)	4
(H) Bottom Rail Corner	4
(I) Strut	see next page for quantity

\*\* Each pool contains a vinyl bag with pins and patch material

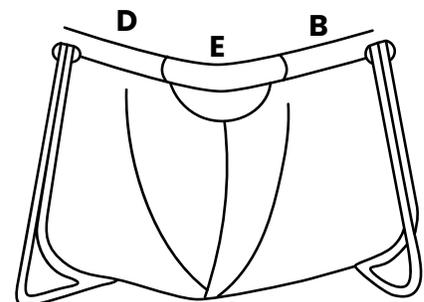
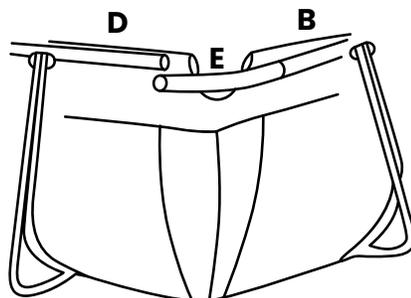
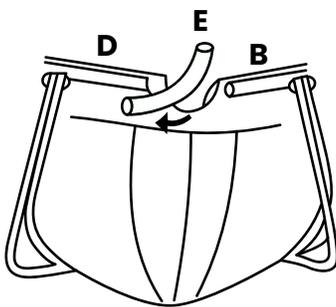


# POOL ASSEMBLY (STEP-BY-STEP)



## POOL ASSEMBLY

- Unfold and spread out liner (A) on prepared area.
- Align the Struts (I) with cut outs at top of liner.
- Connect bottom rail (F) and bottom corners (H) to struts (I) one at a time.
- Connect Top Rail (B) and Top Rail (D). Connect Top Rail 110cm (C) and Top Rail (D) for short side of 11 x 21 only.
- Please note that the (D) top rail 60 cm (shorter tube) is always the last tube on the right when facing the pool wall.
- Feed the connected tubes into the corresponding sleeves of the liner. Remembering to align top rail slots with matching cut outs in the liner. Align slots in top rail with corresponding Struts (I) and insert.
- Insert and connect the Top Rail Corner (E). It may be helpful to insert both ends of Top Rail Corner (E) into the corresponding liner sleeves, followed by pulling back and connecting one side at a time to top rail.
- Ensure all tubes are connected correctly and that the struts are perfectly aligned.
- Ensure all connections are completely seated.



# POOL ASSEMBLY (STEP-BY-STEP)



## TOP RAIL

POOL SIZE	(I) STRUT	(B) TOP RAIL, 130 CM	LONG SIDE X 2	SHORT SIDE X 2	(C) TOP RAIL, 110 CM
					(11 x 21 Short Side Only)
9 x 9	8	4	1	1	
9 x 13	10	6	2	1	
9 x 17	12	8	3	1	
11 x 21	16	8	4		2 on each short side
13 x 25	18	14	5	2	
17 x 30	22	18	6	3	

## BOTTOM RAIL

POOL SIZE	(F) TOP RAIL, 130 CM	LONG SIDE X 2	SHORT SIDE X 2	(G) BOTTOM RAIL, 110 CM
				(11 x 21 Short Side Only)
9 x 9	4	1	1	
9 x 13	6	2	1	
9 x 17	8	3	1	
11 x 21	8	4		2 on each short side
13 x 25	14	5	2	
17 x 30	18	6	3	

# SKIMMER INSTALLATION



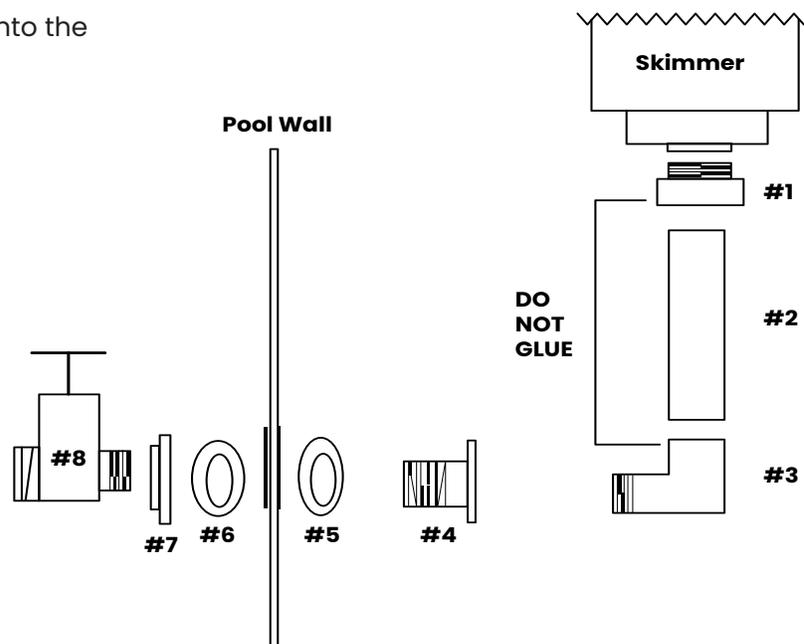
## SKIMMER ASSEMBLY

- Put the skimmer into the pocket with the face against the opening. Line up the screw holes in the face of the skimmer with the screw holes in the pocket. Discard the included gasket. It is not necessary for this installation.
- Align and place the face plate on the outside of the pocket and affix by using provided screws.
- Only use the included skimmer vacuum plate when vacuuming the pool.

## CONNECTING SKIMMER WALL FITTING (SEE DIAGRAM #1)

- Push wall fitting (#4) through the wall of the pool from the inside. Make sure to put the large gasket (#5) on the inside of the pool and the small gasket (#6) on the outside of the pool wall. Secure the wall fitting with the nut (#7). Tighten with a large pair of channel lock pliers. Make sure the nut is snug but do not over tighten as this may crack the nut.
- Thread the male portion on the Male Adapter (#1) into the bottom of the skimmer.
- Screw the threaded elbow (#3) into the wall fitting (#4).
- Press the connection pipe (#2) into the male adapter (#1) then press the other end into the threaded elbow (#3). *\*Note\* no glue is necessary.*
- Ensure the skimmer connect pipe (#4) is completely seated in the fittings. If it is not completely seated, the skimmer may sit too high out of the water.
- Thread the slide valve (#8) into the wall fitting (#4) using the provided Teflon tape.

DIAGRAM #1



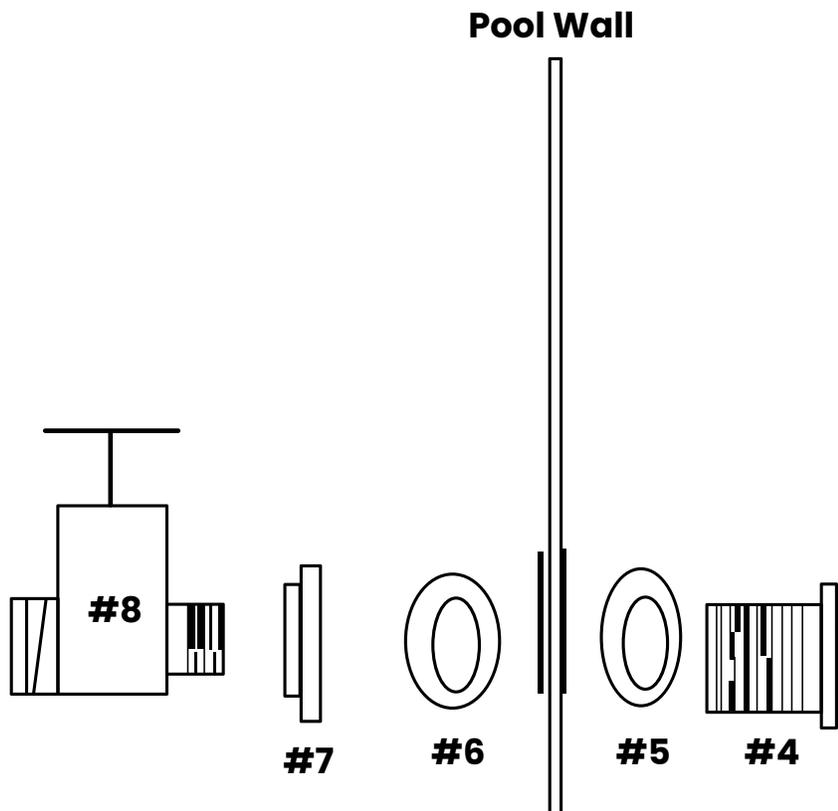
# RETURN FITTING INSTALLATION



## CONNECTING RETURN WALL FITTING (SEE DIAGRAM #2)

- Push wall fitting (#4) through the wall of the pool from the inside. Make sure to put the large gasket (#5) on the inside of the pool wall and the small gasket (#6) should be on the outside of the pool wall (#7). Tighten with a large pair of channel lock pliers. Make sure the nut is snug but do not over tighten as this may crack the nut.
- Thread the slide valve (#8) into the wall fitting (#4) using the provided Teflon tape.

DIAGRAM #2



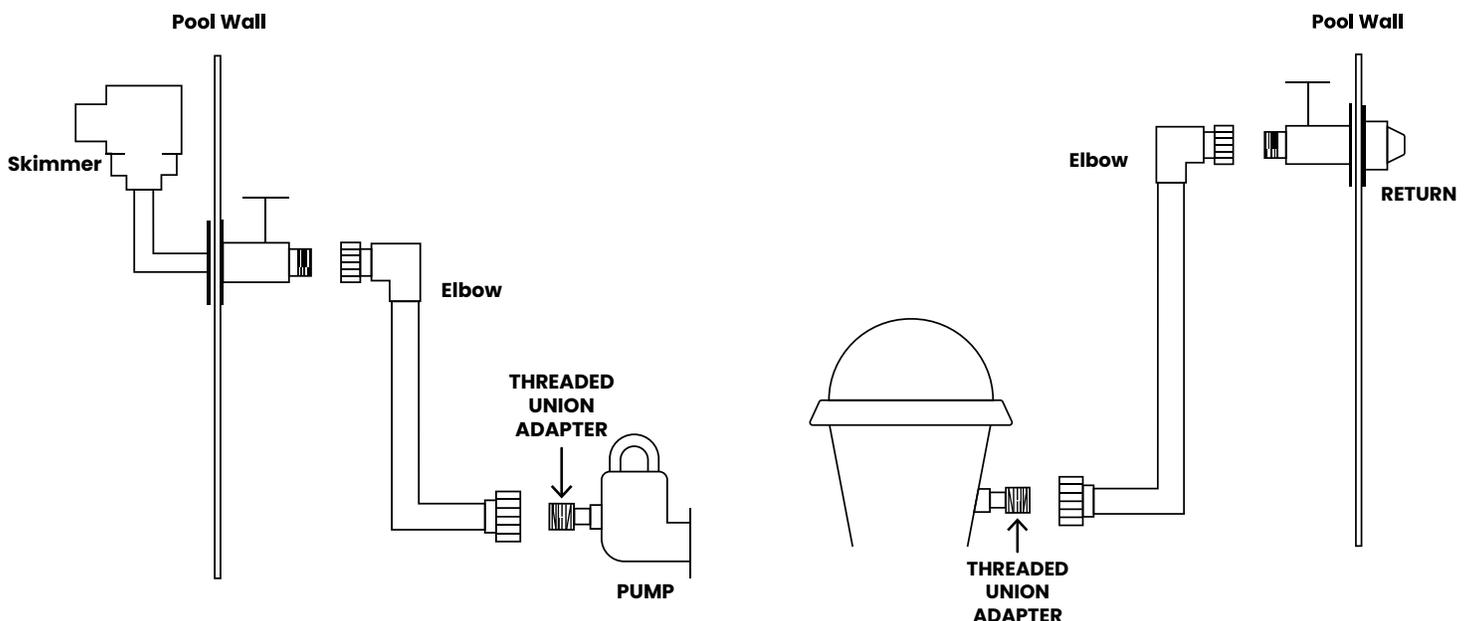
# PLUMBING FROM WALL FITTINGS TO EQUIPMENT



## PLUMBING FROM WALL FITTINGS TO EQUIPMENT (SEE DIAGRAM #3)

- Thread the 1 ½" MPT side of the threaded union tailpiece into the front of the pump and the filter outlet to the pool using the provided Teflon tape. Tighten the tailpieces with pump pliers. The fittings should be snug but **DO NOT** overtighten the fittings due to the potential of cracking the ports on the pump and filter.
- Tighten the union nut with the elbow onto the slide valves previously installed. Tighten the other union nut to the threaded union tailpiece on the pump or filter. **ENSURE** the oring is seated in the oring groove on the face of the union adapter. Hand tightening the union nuts should be sufficient to prevent the connection from leaking. If it is necessary to tighten the union nuts with pump pliers be careful not to overtighten and crack the union nut.

**DIAGRAM #3**



# CARING FOR YOUR POOL



## CARING FOR YOUR POOL

- Predissolve all dry chemicals before putting them into the pool. Failure to do so may result in bleaching or damaging your liner. Always have your pool running when adding chemicals, liquid or dry.
- Keep water balanced within PHTA standards for vinyl liner pools (**see your local pool and spa retailer for details**). Care of a Kona Pool is the same as any above ground vinyl liner pool.
- Do not leave pool set up while empty.
- Do not leave pool filled with water without proper chemical treatment and pool maintenance.
- If you leave your pool up during the winter months in an area that experiences a hard winter freeze, then you must “winterize” your pool. Winterizing generally refers to the treatment of the water in the pool, draining below the ports and draining your equipment, again the pool itself requires no special attention. Visit your local pool store and tell them you would like to “Winterize” or “Close” your Above Ground Pool for the season. They will be able to get you what you need and instruct you based on your location.
- If you winterize your pool you **MUST** drain the pool below the wall fittings.
- When storing your pool, thoroughly clean and dry liner and carefully roll up. Store your pool in a dry safe place. Always store the hard parts and the liner in separate boxes.
- Disassembling pool: Before disassembling pool please read the following: Once the pool is drained, reach in each corner pocket and pull the liner away from the top rail tubes. Once the liner is loose from the top rail walk around the outside perimeter of the pool moving the wall back and forth to loosen the top rail and corner joints. Begin disassembling rectangle or oval pools by taking off all of the corners. **BE VERY CAREFUL TO SLOWLY AND CAREFULLY PULL CORNERS FROM TOP RAILS, JOLTING OR FORCING THE CORNER OUT OF THE TOP RAIL CAN CREATE A TEAR IN THE CORNER OF THE LINER.** Once corners are off, lift top rails off of the legs and disassemble the remainder of the pool. Make sure the liner is rinsed and fully dry before storing.

# ***NO DIVING*** **INTO POOL!**

**KEEP CHILDREN SUPERVISED  
AT ALL TIMES!**



## **CONTACT US**

**SALES & SUPPORT**  
888-419-1901

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[info@konapools.net](mailto:info@konapools.net)

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