

FOUNTAIN ASSEMBLY & INSTALLATION INSTRUCTIONS

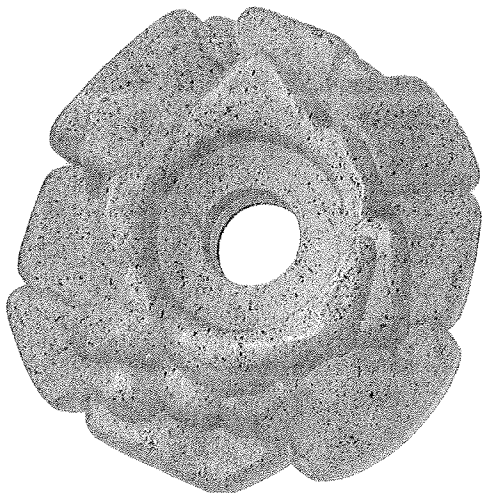
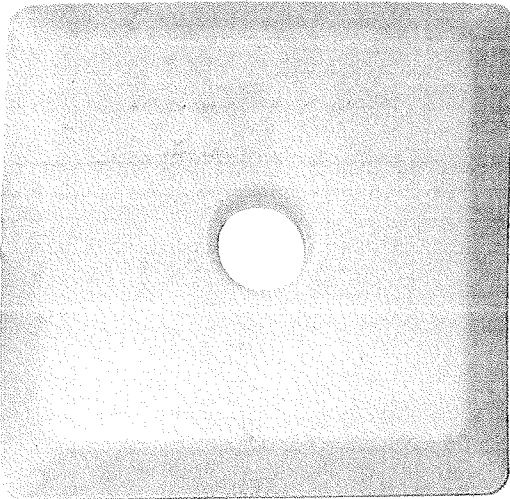
GRECIAN FOUNTAIN (54510) • ROCK FOUNTAIN (54512)

This fountain is to be assembled and installed by an adult. Please read the directions carefully before beginning assembly. Check that all hardware and parts are present BEFORE assembly (see parts illustration). Save all packaging material until assembly is complete to ensure that parts are not discarded. **CAUTION: IMPORTANT SAFETY INFORMATION - KEEP SMALL PARTS, HARDWARE, AND PLASTIC BAGS OUT OF THE REACH OF CHILDREN.**

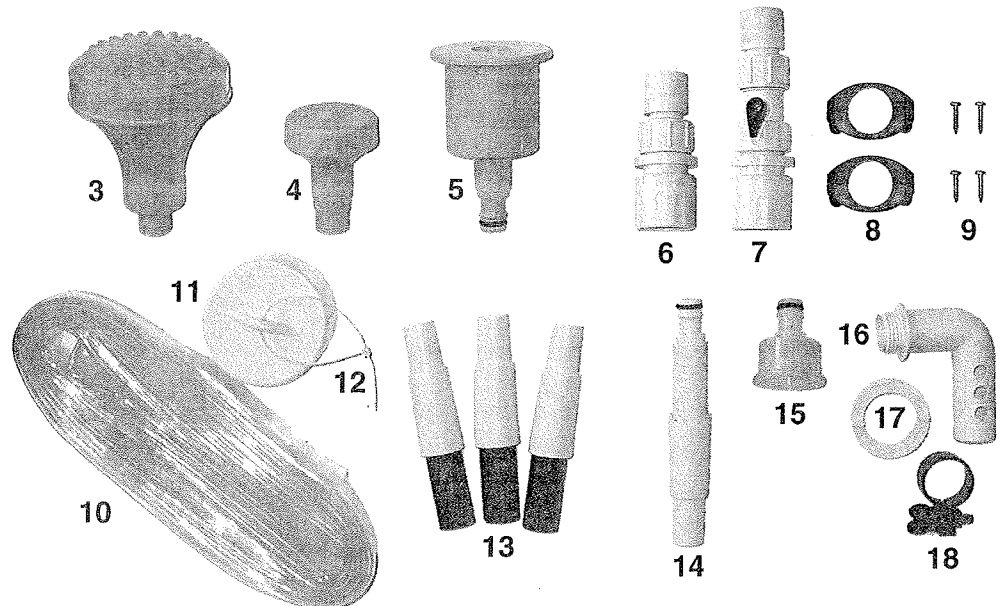
PARTS LIST

Diag. No.	Part No.	Part Description
1	ZX510-1	Grecian Fountain Float
2	ZX512-1	Rock Fountain Float
3	ZX510-3	High Volume Fountain Head
4	ZX510-4	Low Volume Fountain Head
5	ZX510-5	Fountain Head Base
6	ZX510-6	Fountain Head/Hose Connector Assembly
7	ZX510-7	Hose Connector Valve Assembly
8	ZX510-8	Hose Connector Clamps (2)
9	ZX510-9	Hose Connector Clamp Screws (4)
10	ZX510-10	Hose
11	ZX510-11	Anchor
12	ZX510-12	Tie Wrap
13	ZX510-13	Inlet Push-in Plug (3)
14	ZX510-14	Inlet Push-in Connector
15	ZX510-15	Eyeball Insert Quick-Connect
16	ZX510-16	Elbow Hose Connector
17	ZX510-17	Threaded Insert
18	ZX510-18	Adjustable Clamp

Float for Grecian Model 54510
1



Float for Rock Model 54512
2



ASSEMBLY INSTRUCTIONS

1. Place Fountain Head Base (5) in the float opening and push down until the top lip fits flush with the top of the float. (Figure 1)
2. Screw High or Low Volume Head* into the Fountain Head Base (5).
3. Hose assembly: (Figure 2)
 - A. Slide hose (10) over Fountain Head/Hose Connector Assembly (6).
 - B. Secure with Hose Connector Clamp (8) and tighten screws (9).
4. Attach Fountain Head/Hose Connector Assembly (6) to Fountain Head Base (5) with the quick-connect.

* HIGH OR LOW VOLUME FOUNTAIN HEADS:

Your choice of using the High or Low Volume Heads will depend on the amount of pressure (or flow) in your system and the fountain spray height you wish to achieve. The Low Volume Head (4) gives best results in low pressure (or low flow) systems. In high pressure (high flow) systems, the High Volume Head (3) is best. The pool cleaner inlet would likely be a high pressure inlet, which is best suited for the High Volume Head (3).

FIGURE 1

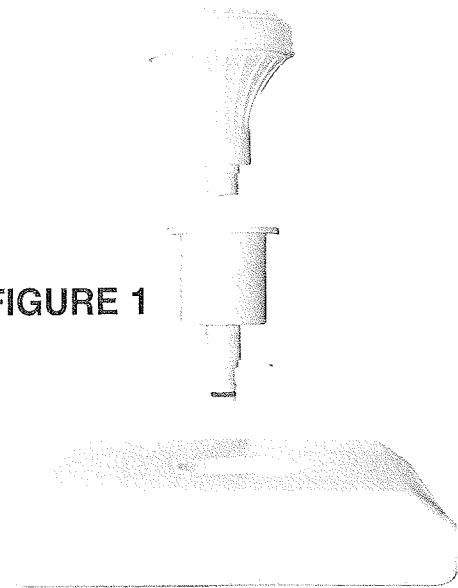


FIGURE 2

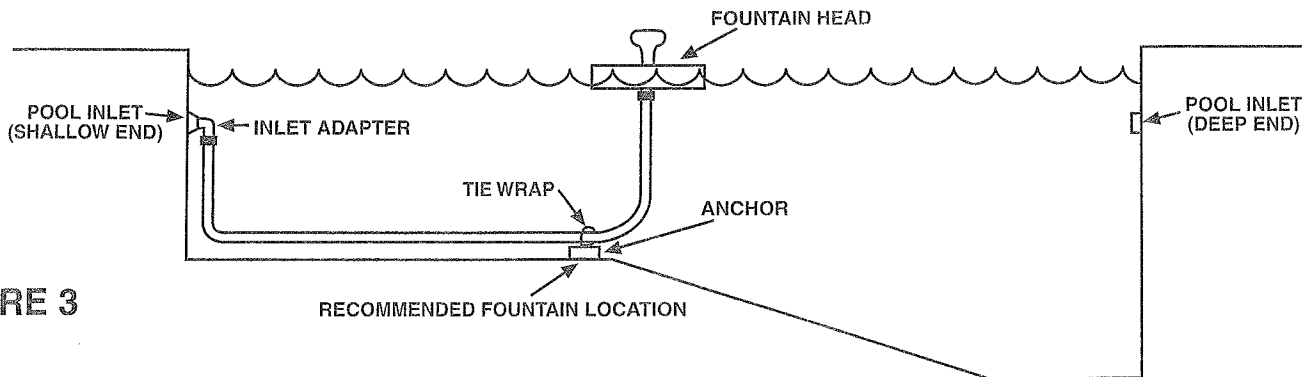
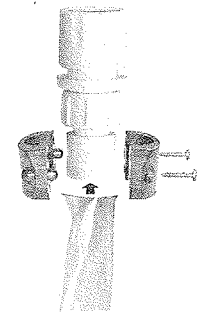


FIGURE 3

INSTALLATION INSTRUCTIONS

This fountain kit will fit pools with four different types of inlets. After reading the description of each type below, determine which inlet you have and follow the appropriate installation instructions.

- 1-1/2 inch female threaded inlet or pool cleaner 1-1/2 inch threaded inlet: Water enters through a 1-1/2 inch threaded hole. Hole measures approximately 1-3/4 inches across. Use installation **Instruction 1** for this type inlet.
- 1 inch unthreaded inlet: Water enters through a 1 inch unthreaded pipe or a 1 inch hole in a directional "eyeball". Opening measures approximately 1 inch top to bottom. Use installation **Instruction 2** for this type inlet.
- Directional "eyeball" type with slip-nut: This inlet has a slip-nut holding an "eyeball" for water directional control. Use installation **Instruction 3** for this type inlet.
- Pool cleaner quick disconnect fittings: Use installation **Instruction 4** for this type inlet.

INSTRUCTION ONE

1. Insure that the filter is operating and properly maintained. Turn the pump off.
2. Slide the Threaded Insert (17) over the Elbow Hose Connector (16) as shown in Figure 4. The Threaded Insert (17) is a tight fit around the turn in the Elbow Hose Connector (16), therefore, slight pressure is needed. This is your inlet adapter.
3. Refer to Figure 3. Uncoil the hose (10) and remove all twists. Attach one end of the hose (10) to the Fountain Head/Hose Connector Assembly (6) using the Hose Connector Clamp (8) provided and the other end to the inlet adapter from Step 2 using the Adjustable Clamp (18). Cover one set of bleed holes with the hose (10). To tighten the Adjustable Clamp (18), grasp the "tabs" between thumb and forefinger and turn clockwise. Tighten securely with a pair of pliers, if necessary.
4. Using the Tie Wrap (12), LOOSELY attach the Anchor (11) to the hose (10). The Anchor (11) should be attached to the hose (10) at a point as deep as the water plus approximately two feet. You will have to estimate what the water depth is where you want the fountain and add two feet. CAUTION: DO NOT CONSTRICT THE HOSE (10) BY TIGHTENING THE TIE WRAP (12) TOO TIGHT.
5. Attach the inlet adapter to the pool inlet by screwing it into the threaded pool inlet.
6. Place the fountain assembly into the pool. Position the fountain in the desired location being careful not to crimp the hose (10).
7. Turn the pump on and observe the position and height of the fountain. Turn the pump off and adjust the fountain position if necessary.

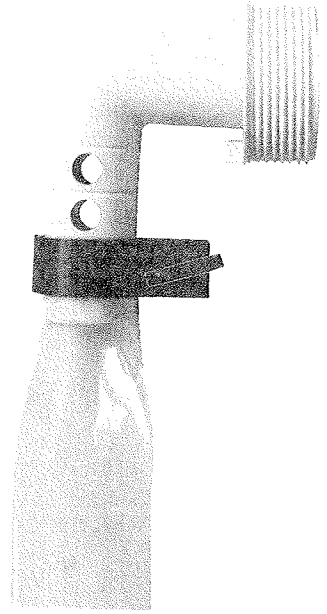


FIGURE 4

HEIGHT ADJUSTMENT FOR SINGLE INLET POOLS OR WHEN ATTACHED TO POOL CLEANER INLET

Height adjustment is achieved by covering more or less of the bleed holes on your Elbow Hose Connector (16) with the hose (10). The more holes covered, the higher the fountain and vice versa.

HEIGHT ADJUSTMENT FOR MULTIPLE INLET POOLS

In addition to the method described for a single inlet pool, plug the other inlets with the Inlet Push-in Plugs (13). The more inlets plugged, the higher the fountain. This step is not necessary when connected to pool cleaner inlet.

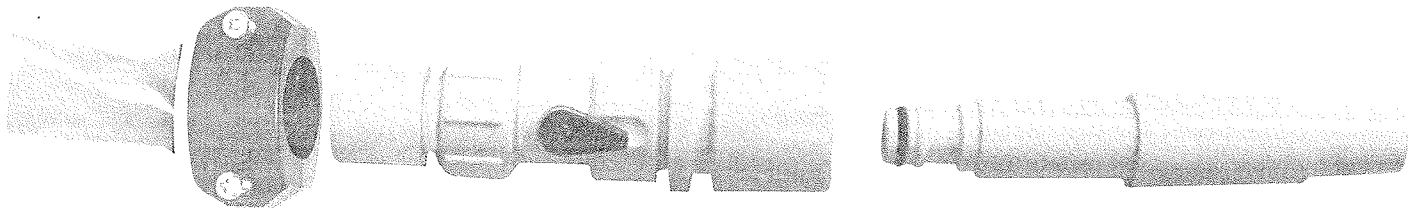


FIGURE 5

INSTRUCTION TWO

1. Insure that the filter is operating and properly maintained. Turn the pump off.
2. Refer to Figure 5. Push the small end of the Inlet Push-in Connector (14) into the Hose Connector Valve Assembly (7). This is your inlet adapter.
3. Refer to Figure 3. Uncoil the hose (10) and remove all twists. Using the Hose Connector Clamps (8) provided, attach one end of the hose (10) to the Fountain Head/Hose Connector Assembly (6) and the other end to the inlet adapter from Step 2.
4. Using the Tie Wrap (12), LOOSELY attach the Anchor (11) to the hose (10). The Anchor should be attached to the hose (10) at a point as deep as the water plus approximately two feet. You will have to estimate what the water depth is where you want the fountain and add two feet. CAUTION: DO NOT CONSTRICT THE HOSE (10) BY TIGHTENING THE TIE WRAP (12) TOO TIGHT.
5. Attach the inlet adapter to the pool inlet by pushing it into the pool inlet until secure. (DO NOT HAMMER).
6. Place the fountain assembly into the pool. Position the fountain in the desired location being careful not to crimp the hose (10).
7. Turn the pump on and observe the position and height of the fountain. Turn the pump off and adjust the fountain position if necessary.

HEIGHT ADJUSTMENT FOR SINGLE INLET POOLS

Height adjustment is achieved by turning the valve on the Hose Connector Valve Assembly (7).

HEIGHT ADJUSTMENT FOR MULTIPLE INLET POOLS

In addition to the method described for a single inlet pool, plug the other inlets with the Inlet Push-in Plugs (13). The more inlets plugged, the higher the fountain.

INSTRUCTION THREE

1. Insure that the filter is operating and properly maintained. Turn the pump off.
2. There are two methods for creating an inlet adapter:
 - A. Remove the slip-nut holding the "eyeball" in place from the inlet nearest the shallow end. Remove the directional eyeball. Insert the Eyeball Insert Quick-Connect (15) through the slip-nut and attach the Hose Connector Valve Assembly (7). This is your inlet adapter. (Figure 6)
 - B. Remove the slip-nut holding the "eyeball" in place from the inlet nearest the shallow end. Remove the directional eyeball. Insert the Elbow Hose Connector (16) through the slip-nut. This is your inlet adapter. (Figure 7)
3. Refer to Figure 3. Uncoil the hose (10) and remove all twists. Attach one end of the hose (10) to the Fountain Head/Hose Connector Assembly (6) using the Hose Connector Clamp (8) provided and the other end to the inlet adapter from Step 2. If you used the Hose Connector Valve Assembly (7), connect the hose (10) with a Hose Connector Clamp (8). If you used the Elbow Hose Connector (16), cover one set of bleed holes with the hose (10) and secure it with the Adjustable Clamp (18). To tighten the Adjustable Clamp (18), grasp the "tabs" between thumb and forefinger and turn clockwise. Tighten securely with a pair of pliers, if necessary.
4. Using the Tie Wrap (12), LOOSELY attach the Anchor (11) to the hose (10). The Anchor (11) should be attached to the hose (10) at a point as deep as the water plus approximately two feet. You will have to estimate what the water depth is where you want the fountain and add two feet. CAUTION: DO NOT CONSTRICT THE HOSE (10) BY TIGHTENING THE TIE WRAP (12) TOO TIGHT.
5. Attach the inlet adapter to the pool inlet by screwing the slip-nut back on.
6. Place the fountain assembly into the pool. Position the fountain in the desired location being careful not to crimp the hose (10).
7. Turn the pump on and observe the position and height of the fountain. Turn the pump off and adjust the fountain position if necessary.

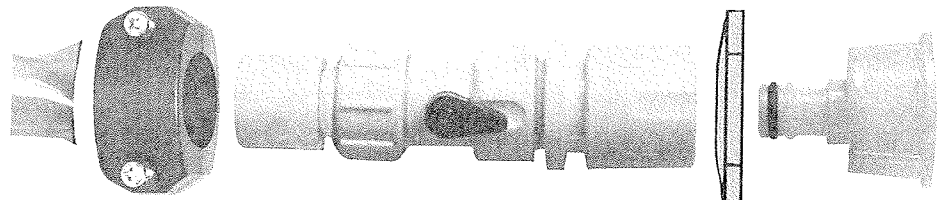


FIGURE 6

Existing Slip-Nut

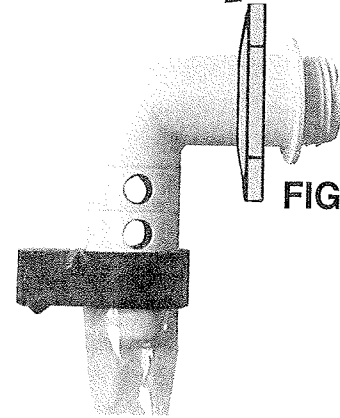


FIGURE 7

HEIGHT ADJUSTMENT FOR SINGLE INLET POOLS

If you used the Elbow Hose Connector (16), height adjustment is achieved by covering more or less of the bleed holes with the hose (10) - the more holes covered, the higher the fountain and vice versa. If you used the Hose Connector Valve Assembly (7), turn the valve handle to adjust the height.

HEIGHT ADJUSTMENT FOR MULTIPLE INLET POOLS

In addition to the method described for a single inlet pool, plug the other inlets with the Inlet Push-in Plugs (13). The more inlets plugged, the higher the fountain.

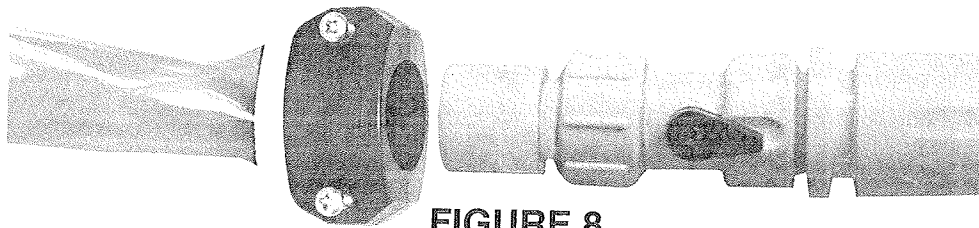


FIGURE 8

INSTRUCTION FOUR

1. Insure that the filter is operating and properly maintained. Turn the pump off.
2. Locate the Hose Connector Valve Assembly (7). This is your inlet adapter.
3. Refer to Figure 3. Uncoil the hose (10) and remove all twists. Using the Hose Connector Clamps (8), attach one end of the hose (10) to the Fountain Head/Hose Connector Assembly (6) and the other end to the inlet adapter from Step 2.
4. Using the Tie Wrap (12), LOOSELY attach the Anchor (11) to the hose (10). The Anchor (11) should be attached to the hose (10) at a point as deep as the water plus approximately two feet. You will have to estimate what the water depth is where you want the fountain and add two feet. CAUTION: DO NOT CONSTRICT THE HOSE (10) BY TIGHTENING THE TIE WRAP (12) TOO TIGHT.
5. Attach the inlet adapter to the pool cleaner inlet by plugging the inlet adapter into the pool cleaner inlet as you would if you were connecting your cleaner.
6. Place the fountain assembly into the pool. Position the fountain in the desired location being careful not to crimp the hose (10).
7. Turn the pump on and observe the position and height of the fountain. Turn the pump off and adjust the fountain position if necessary.

HEIGHT ADJUSTMENT WHEN USING THE POOL CLEANER QUICK-CONNECT INLET

Height adjustment is achieved by turning the valve on the Hose Connector Valve Assembly (7).

HIGH VOLUME OR LOW VOLUME FOUNTAIN HEADS

The pool cleaner inlet is most likely a high pressure inlet, which is best suited for the High Volume Head (3). If you desire a very tall fountain spray, you may try the Low Volume Head (4). Height adjustment for both is made with the valve on the Hose Connector Valve Assembly (7).

NOTES

1. Because the fountain kit is made to adapt to a number of different types of pool inlets, you will have some parts left over after assembly. Save these pieces as well as these instructions for future use if necessary.
2. After a few weeks exposure to the sun and chlorine, the hose (10) will turn frosty in color. This is normal and does not affect operation.
3. Remove the entire fountain during freezing conditions. Damage will result if the fountain is not drained and stored properly. It is advisable to store in a manner to prevent insects or trash from entering the fountain that would clog the jets.

WARNING

FOR SAFETY PURPOSES, COMPLETELY REMOVE THE FOUNTAIN ASSEMBLY PRIOR TO ENTERING THE POOL

WARRANTY

FULL ONE-YEAR WARRANTY

Poolmaster warrants to you, the owner, that if any part of your fountain fails within one year of the original purchase date because of a defect in materials or workmanship, it will remedy the defect at no cost to you except shipping.

THIS WARRANTY DOES NOT COVER THE FOLLOWING:

- INCIDENTAL OR CONSEQUENTIAL DAMAGES.
- Fountains that have been used for purposes they were not intended for, such as commercial uses.
- Fountains that have been misused or modified.
- Clogging of the outlet jets (with proper filtration the jets will not clog).
- No warranty against personal injury or damage to any other pool equipment as a result of the installation or operation of this fountain is expressed or implied.

HOW TO GET SERVICE UNDER THIS WARRANTY

You must provide proof of original purchase, a sales slip to show when your warranty period begins. Contact your dealer or Poolmaster for parts or service.

Poolmaster, Inc.
P.O. Box 340308
Sacramento, CA 95834-0308
1-800-854-1492

YOUR RIGHTS UNDER STATE LAW

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental and consequential damages, so the above exclusion may not apply to you.

FOR ADDITIONAL INFORMATION GO TO WWW.POOLMASTER.COM

TROUBLE SHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
1. Fountain too low.	<ul style="list-style-type: none"> a) Too many Elbow Hose Connector (16) bleed holes uncovered. b) Valve on the Hose Connector Valve Assembly (7) is turned on low. c) Not enough inlets plugged. d) Hose is kinked. e) Hose is crimped at Anchor (11). f) Dirty filter. g) Insufficient pump power. h) Split in hose (10). i) If pump has two speeds, pump is on low speed. j) High Volume Head (3) is being used. 	<ul style="list-style-type: none"> a) Cover more Elbow Hose Connector (16) bleed holes with hose (10). b) Turn the valve on the Hose Connector Valve Assembly (7) on full. c) Plug more inlets. d) Remove kinks from hose (10), may require shortening the hose (10). e) Move Anchor (11) farther away from fountain head. f) Backwash or clean filter unit. g) Check with dealer concerning proper pump operation. 1/2 H.P. pump should be sufficient if operating properly. h) Obtain new hose (10). i) Switch pump to high speed. j) Change to Low Volume Head (4).
2. Fountain too high.	<ul style="list-style-type: none"> a) Too many Elbow Hose Connector (16) bleed holes covered. b) Valve on the Hose Connector Valve Assembly (7) is turned on full. c) Too many inlets plugged. d) Low Volume Head (4) is being used. 	<ul style="list-style-type: none"> a) Uncover more Elbow Hose Connector (16) bleed holes. b) Turn the valve on the Hose Connector Valve Assembly (7) on low. c) Unplug more inlets. d) Change to High Volume Head (3).
3. Adapter will not fit inlet.	<ul style="list-style-type: none"> a) Carefully read page 2 instructions. 	<ul style="list-style-type: none"> a) See your dealer for help or recommendations.*

* Note: Because there is a wide variety of pool types, the installation instructions in this booklet may not be suitable for all pools. It is recommended that you consult with your dealer if the methods outlined here are not **EASILY** adapted to your pool. Your dealer may be able to advise you of methods better suited for your pool.