



Grande Millennia Fountains

Assembly and Installation Instructions



Grande Millennia Dolphin Fountain

THINGS TO CONSIDER

Before you begin.

CAUTION

Before fountain is installed, consult local codes for any regulations and restrictions pertaining to site location, installation and protection of pools of this depth. All electrical outlets must be approved 110-V GFCI -protected outlets installed in accordance with local electrical codes. Do not install fountain in areas accessible to infants, children, small animals and household pets.

Safety requirements and water reclamation procedures imposed by various government agencies vary widely. Prior to installation determine the safety requirements and water reclamation procedures for your particular area and be certain your installation and maintenance after installation complies with them.

This fountain is not intended as a swimming pool.

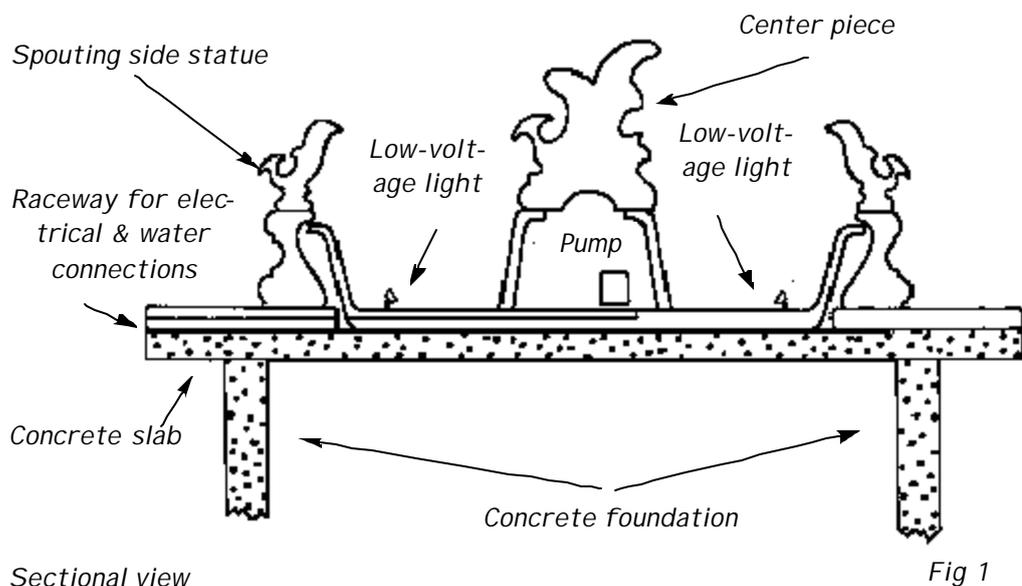
Site Location

When choosing the site for your fountain, consider the direction providing the best viewing angle carefully. Time spent choosing and considering the correct location and the most pleasing direction to view your fountain now, will ensure years of enjoyment after it is assembled.

Foundation

The Henri Millennium Fountain is a quality cast stone product designed for assembly without the use of mortared joints. For this reason, we recommend that you consider providing a concrete footing and slab that is designed to meet the requirements of your local climate. We suggest that you consult a qualified contractor familiar with the building requirements and codes in your area to assist with the proper footings and slab for your fountain. The slab should extend the complete diameter (11' 4") of the sidewalk sections.

NOTICE: The correct footing and slab will ensure that the fountain pieces do not shift or settle over time, resulting in cracks, leaks or misaligned components. Your contractor may also be able to assist with permanent wiring for the electrical connections



and plumbing for the optional hard lined water connections.

Power And Water Lines

The Millennia Fountain requires several connections for water and power. We suggest that you study the schematic provided and choose the location for your connections, so that they do not become a distraction when your fountain is viewed from its primary viewing area. Normally this would mean that the connections are located behind the center piece, when the fountain is being viewed from the primary viewing area or front.

See Fig 2, Recommended Viewing Direction.

You may install your fountain as either self-contained or hard line plumbed. As a self-contained unit, the fountain will be filled and refilled with a hose. As a plumbed unit, the fountain will be connected with permanent water connections, which include automatic low water fill pipe, high level overflow drain, and general pool drain. All of these connections are located in the same area on the pool.

See Fig 3, Step 3.

Regarding your electrical needs, the fountain contains two pumps and one low voltage transformer with four 12V submersible light fixtures. You will need to plug in three cords to standard 115V 60Hz, GFCI -protected, power outlets. The total power draw of the pumps and transformer will be less than 6 amps.

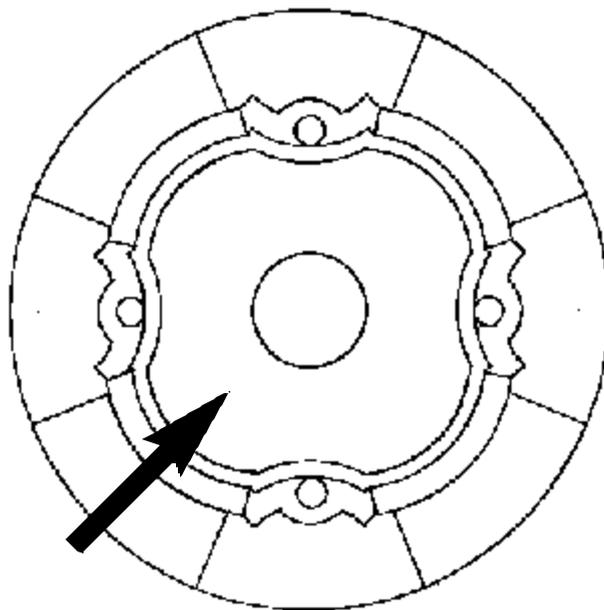
Equipment

Although the centerpiece of this fountain is substantial, it includes some delicate detail which is quite fragile. Generally, we recommend the use of heavy lifting equipment that is suited for the space and terrain where you will be assembling your fountain. A forklift, Bobcat with forks or some other piece of equipment capable of lifting and placing the centerpiece of the fountain will be required. **Note the Dolphins in this fountain have delicate fins and details. Do not use these as securing points for lifting straps or use them as handles. THEY WILL BREAK!**

Refer to Fig 5 in Step #8, page 7.

Centering For Appearance

Most fountains are viewed from one location more than any other. We suggest you arrange your fountain as shown in the photo - with the uplifted tail of the centerpiece Dolphin facing forward. This will give the best view of the two large dolphin heads and the most inclusive angle of the water features. Also, set the outer wall of the fountain such that the centerpiece can be viewed over a large wall section, with two Small Spouting Dolphins to the left and



Recommended viewing direction

Fig 2

right in front of the centerpiece, and two Small Spouting Dolphins to the left and right behind the centerpiece.

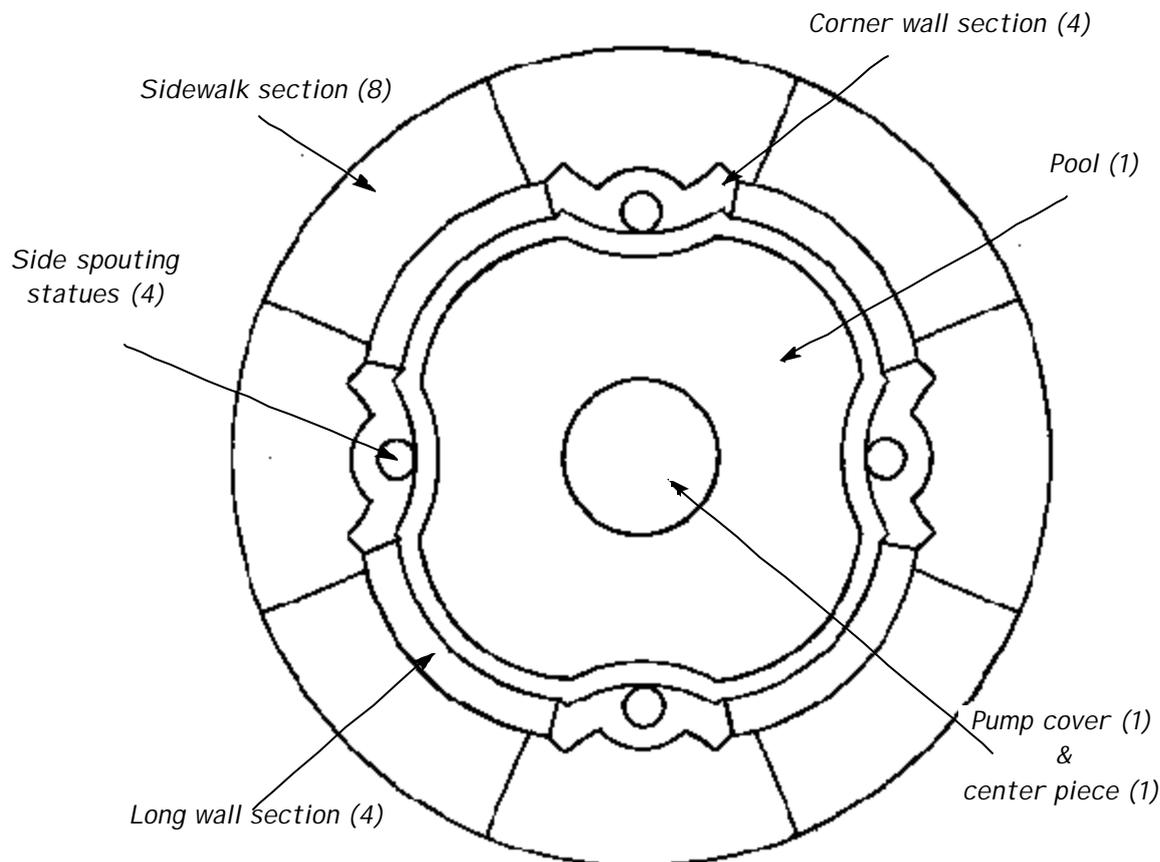
Grande Millennia Fountains are available with a variety of Center Pieces and Spouting Side Statues. See Appendix A & B for installation instructions specific to the Center Piece in your fountain for Steps 8 - 12.

Points To Remember

There are several things to be aware of when assembling your fountain.

- Concrete pieces are heavy! Be sure you have sufficient help before attempting to move or locate a piece.
- Be careful that you have good footing and there is nothing in your path that might cause you to trip or fall while moving a concrete piece.
- Concrete will chip, especially when concrete is bumped against concrete!
- Be careful when placing pieces to avoid chipping edges and corners of the fountain pieces.
- When using pry bars to move or adjust pieces, cushion them or use wide blade bars to minimize the possibility of chipping or marring the finish of your fountain.
- Some portions of your fountain contain small and delicate details, for example the fins on the Small Spouting Dolphins. Be careful when handling these pieces to avoid damaging these fine details. Don't set them down on hard surfaces where they might chip or break.
- Your Henri Fountain was designed to be assembled without the use of mortar in the joints. When assembled on a properly prepared site and foundation, it will not require mortar or caulking to maintain proper alignment.

Millennia Fountain Basic Components



Assembly And Installation

CAUTION

**DON'T TRY TO
LIFT MORE THAN
YOU ARE ABLE**

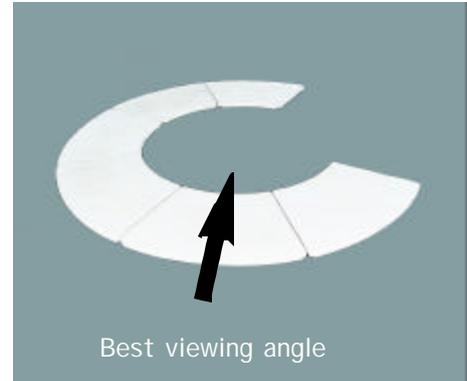
Do not operate, install, or service this product without first reading these instructions and understanding the product's applications, limitations and potential hazards. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain these instructions for future reference.

1. Sidewalk Sections

Mark the center of the circular slab and begin setting the inside edge of the walk sections 42" from the center. Paying attention to your chosen viewing angle, lay the first walk section so that your view looks through the center of this walk section. Continue to add walk sections until the circular walk is complete. This requires 8 sections. Check to be sure that they are centered on the slab and that there is a 3/8" gap between each section. Note that there are hand holds under the edge of each sidewalk section. Sidewalk sections should be lifted only with these handholds. There are also grooves under the end of each section that provide room for electrical cables and water connections to run safely under the walk. Even though your slab may be smooth and level, due to the hand casting process used in the manufacture of your fountain some shimming may be required to keep all the walk sections level. Check the level of each section as you go and shim as required.



Using a wide face pry bar



Placing the walk sections

2. Placing The Pool

Place the fiberglass pool assembly in the center of the circular walk section. Be careful to align it in the center. The water connections should be aligned to your previously determined side, away from the primary viewing angle, and to one of the grooves located between each pair of walk sections. Be certain that you pay close attention to the alignment of the pool, as its alignment will determine the final alignment of your fountain. The four semicircular indentations in the fiberglass pool locate the four Small Spouting Dolphins and their water sprays. Locate these to provide the best view of the completed fountain within your landscape setting.



Placing the pool

3. Routing The Electrical And Water Connections

Move the walk section closest to the water and electrical connections, exiting the pool, about 12" away from the center of the slab. Run the six electrical cables, two pump and four light, to the nearest groove in the walk sections and under the walk.

Now is the proper time to attach optional water piping for the automatic water level supply, high level overflow and drain, if so desired.

See Fig. 3



Routing the electrical cables

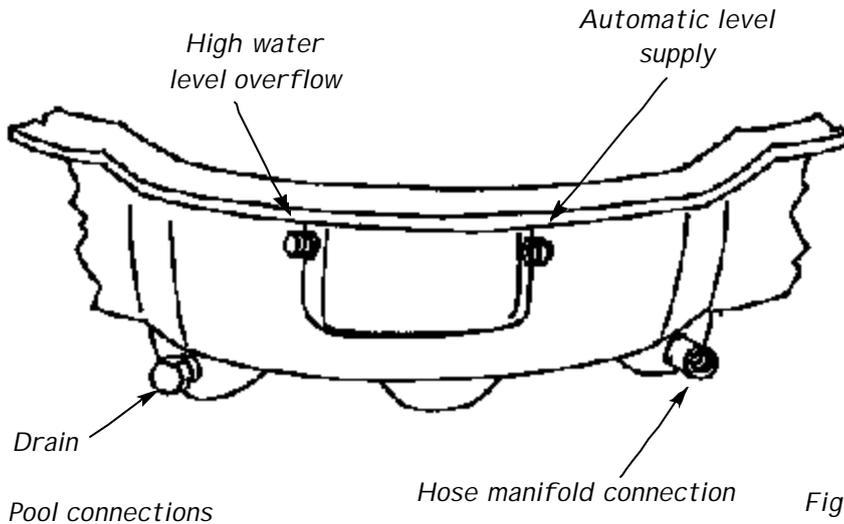


Fig 3

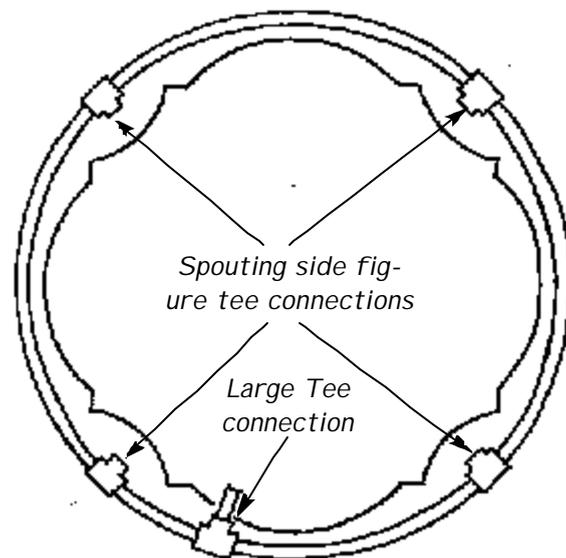
A brass 1/8" MPT x 1/4" barb adapter can be used to attach the automatic water level supply to a flexible 1/4" ID hose if you choose to have water supplied to the water level control unit.

A brass 1/4" MPT x 3/8" barb adapter can be used to attach the high water level overflow to a 3/8" ID hose if you choose to direct excess water away from the fountain.

After the power and water connections have been routed through the groove in the walk sections, slide the walk section back into proper position being careful not to kink or pinch any of the cables or hoses. A 3/8" gap between sections is proper. Check for proper level and readjust if necessary.

4. Locating And Connecting The Hose Manifold

Find the large ring (~7' diameter) of vinyl tubing and tees packed with the pool. Locate the large tee in the hose manifold. Note that there are five tees in this hose manifold but only one large tee. Position the hose manifold on the ground around the pool, so that the large tee lines up outside of the hose manifold connection pipe. Remove the large tee from the manifold by disconnecting the tubing from both sides of the tee. Now, screw the threaded end into pool. Ensure that fitting is water-tight, with generous use of Teflon tape, which is provided. Before reconnecting the tubing to both sides of the



Correct hose manifold alignment

Fig 4

tee, be certain that the four small tees are correctly aligned with the four corner wall sections. Then, tighten the clamps down on each side of the large tee.

See Fig. 4.

5. Preparing The Pool And Mounting the Lights

Now it is time to prepare the inside of the fountain for the installation of the pump cover and centerpiece. First, carefully remove the boxes covering the center connections and pumps. Note that the filter is screwed into the pool through the box containing the connections, to help hold it in place during shipping. Carefully remove the filter head by unscrewing it from the pool before removing the box. Remove the four low-voltage lights from the box and place them in the pool. Each light is packed in a separate box. You can identify these boxes easily as they have electrical cords coming out of them.



Checking the connections

Remove the lights from their boxes and set one near each of the four mounting screws. You will find these screws already threaded into their mounting holes in the bottom of

the pool. Check to make sure you have enough slack to allow the light cord to rest on the pool floor all the way from the mounting screw to the standpipe area. **Do not mount lights yet.** Now, remove the packing box with its contents from the pool and place it on the sidewalk next to the pool.



Do not handle pumps, lights or electrical cables with wet hands or when standing in water or on a wet damp surface.

Check to make sure the standpipe channeling the electric cords is still tight. This needs to remain watertight. Make sure the pump connections are assembled as shown in the photo. Take care to step around the four lights when working in the pool. Remove the threaded fitting from the end of the unconnected pump hose and put aside for use in Step 10. Note, the connections for alternate Center Pieces vary slightly for each Center Piece; consult the instruction specific to your Center Piece in Appendix A, Step 11A.



Placing the Pump cover

6. Placing The Pump Cover

Place the concrete pump cover over the pumps and connections in the center of the fiberglass pool. Make sure the pump cover does not rest on light cords by positioning the four access doorways over the cords. Avoid sliding the concrete pump cover on the pool as it will scratch the surface.

7. Preparing To Place The Center Piece

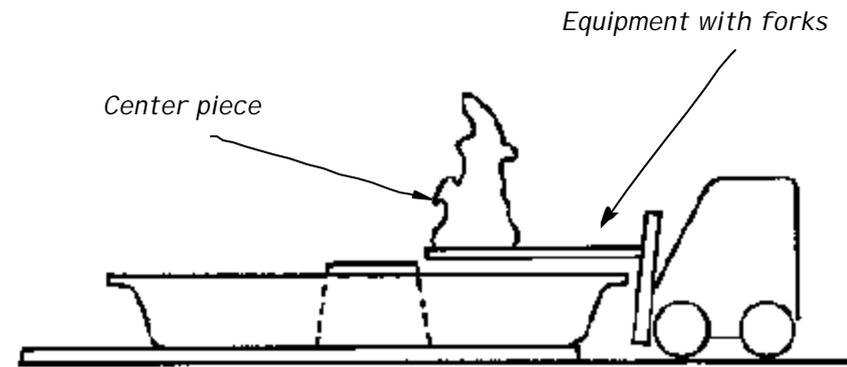
Remove one or two sections of the walkway to allow your lifting equipment access to the center of the pool. This will prevent damage to the walk sections by your equipment.

Do not drive over the walk sections!

Now, place each light just inside the pump cover's nearest access doorway. Make sure the cord is also completely inside the doorway. In this way you will have a clear area to step when setting the heavy centerpiece. If you are not installing the Grande Millennia Dolphins but one of the five alternate Center Pieces, please see Appendix A, Steps 8A-12A, for instructions specific to your Center Piece.

8. Placing The Center Piece

Place the dolphin center section on the pump cover. This is the heaviest (510 lbs.) of the concrete pieces. This is where you will need a forklift or other lifting equipment. Protect the surface and edges of the pool when you are locating the dolphins to avoid scratching or damaging the pool. Do not rest the dolphins on the edge of the pool during installation as this may damage or crack the pool. Do not step or stand on the edges of the pool as this may



Equipment with forks placing center piece

Fig 5

damage or crack the pool sides. Be careful while handling the dolphins to avoid damaging the fine details and water connections. The Dolphins in this fountain have delicate fins and detail.

Do not use these as securing points for lifting straps or use them as handles. THEY WILL BREAK!

See Fig. 5.

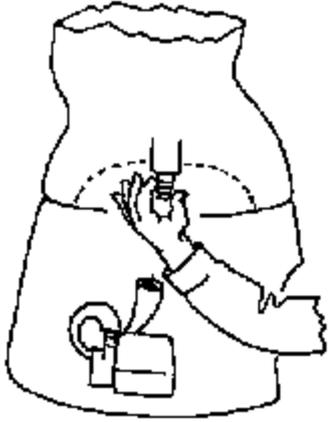
9. Aligning The Center Piece

Choose the correct alignment of the dolphins to give you the best view from your principle viewing direction. Also, locate the water jets in the dolphins so that they are staggered and are not directly opposite the water flows from the Small Spouting Dolphins by rotating the centerpiece in the desired direction. While adjusting the direction of the water nozzles, pay close attention to the desired final alignment with the centerpiece and your chosen primary viewing direction.

Refer to Fig. 2 for suggested alignment.

10. Connecting The Pump And Center Piece

Reach under the pump cover and thread the fitting you set aside in Step 5 into the bottom center of the dolphin centerpiece and tighten using only hand pressure. Now, find the unattached tube coming from the largest pump and push the free end of the tube firmly onto the barbed end of this fitting.



Reaching under the pump cover Fig 6

See Fig. 6 and refer to Photo in step 5.

Now is the time to pull each light back out of the pump cover and mount it in the provided screw holes. Face each light toward the centerpiece and screw tight against the floor. When the pool is filled later you will be able to adjust the vertical angle of the light to find the best effect.

Caution: lights will be hot when used out of water. Do not touch when used out of water.

This is also a good time to find the large intake filter and twist it snugly into place in the pool floor.

11. Connecting The Small Spouting Dolphins

Place one corner wall section near one of the semicircular notches in the fiberglass pool. The shape of the notch and the inside shape of the corner wall section should match. Note that there are two different styles of Small Spouting Dolphins, Tail up and Head up. Decide which style looks best from your principle viewing direction and install them accordingly. We suggest that they look best when installed alternately; one Head up and then one Tail up, etc.

CAUTION: Take care when handling these small Dolphins as their fins are delicate. Do not set them down on concrete or other hard surfaces without cushioning them first.

Connect one of the four 16" hoses supplied to the barbed fitting on the bottom of one of the Small Spouting Dolphins. Slip the Small Spouting Dolphin into the wall section feeding the hose through the base of the wall section. Move the wall section, with the Small Spouting Dolphin inserted, close enough (approximately 6") to the pool to connect the hose from the Small Spouting Dolphin to the tee connection on the hose manifold outside the pool. Install and tighten clamp. Gently slide the wall section up to the edge of the pool and align it with the matching notch in the pool. Be sure that the Small Spouting Dolphin and its water nozzle are pointed in towards the center of the fountain. You may make final adjustments to the direction of the water flow from each Small Spouting Dolphin after the fountain is completely assembled and the water is flowing.



Placing the side spouting statues in the corner wall section



Connecting the side spouting statues to the hose manifold

12. Connecting The Side Spouting Statues

Repeat Step 11 for the remaining three corner wall sections and Small Spouting Dolphins. Remember there are two styles of Dolphins and you will want to be certain that each type is correctly located. **Do not place the long wall section yet!** They will be placed after you are certain that the pumps and spouting statues are operating correctly and are without leaks.

13. Filling The Fountain

Now is a good time to begin filling your fountain. As water begins to fill the pool check for leaks. After the pool is filled you may turn on the pumps and watch for water flowing through the hoses and then through each of the water nozzles.

CAUTION

ELECTRICAL SHOCK HAZARD

Do not handle pumps, lights or electrical cables with wet hands or when standing in water or on a wet damp surface.

Do not attempt to operate the pumps without a proper ground. Use this product only to pump water. Do not use this pump to pump flammable or explosive fluids such as gasoline, fuel oil or kerosene. Do not use in explosive atmospheres.

To reduce the risk of electrical shock, connect only to a properly grounded, GFCI electrical outlet. Ground Fault Circuit Interrupter, or GFCI, receptacles are available through electrical, hardware, building supply and home center stores.

Use only 115 volt AS 60 cycle current unless the pump label designates a special current.

For outdoor installation use only an approved and properly grounded junction box with GFCI electrical outlet. Do not remove the third prong, or ground, from the pump plug. Do not cut plug from cord. Do not use an extension cord.

The pump impeller spins at high speed. To avoid injury, do not place fingers or other objects into the pump opening while pump is plugged in or operating.

Water is discharged from the pump at high pressure. To prevent eye injury, avoid looking closely and directly into the pump exhaust when the pump is started.

Make certain that the pump is disconnected from power source before attempting to clean or service, or remove any component.

Note, sometimes it will take a few moments for the water to begin flowing through the entire fountain system. In some cases an "air lock" may develop. If this should happen, it can often be cleared by stopping the pumps and then restarting them a few times. If this doesn't work, you may try the following; put your finger over one of the water nozzles that is operating and stop the flow momentarily, while the increased pressure forces the air out of the system.

Water should begin to flow from all of the nozzles shortly. The suggested normal water level is approximately 1" from the top of the pool.

A bottle of Henri Water Clarifier (FC22) is included with your fountain. Read the instructions and add the proper dosage at this time. (Your fountain pool can hold approximately 200 gallons of water when full.) Henri Water Clarifier will reduce unwanted water deposits on your pumps, nozzles, and other parts of the fountain. We recommend that you add the proper amount of Clarifier each time you add water to the fountain.

The correct dose is 1 oz. per 100 gallons of water or 2 oz. for this fountain. Approximately four capfuls of Clarifier are equal to 1 oz.

14. Installing The Pump Cover Doors

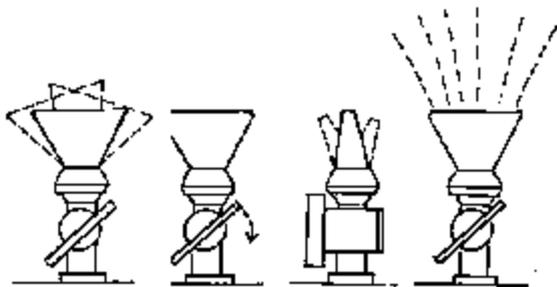
When your fountain is operating correctly and the water sprays are adjusted, turn off and install the four doors in the pump cover base. Do not rest the doors on any of the lighting cords.



Using a wide face pry bar to adjust wall sections

15. Installing The Long Wall Sections

Install and align the remaining four long wall sections. These locate in between the four corner wall sections. Move and adjust these with care to avoid chipping or marring the edges or surface of any of the wall or walk sections. The use of a wide blade pry bar will help minimize possible chipping or damage to pieces as their positions are adjusted.



Valve and nozzle adjustments

Fig 7

16. Adjusting The Water Sprays

Small adjustments in the direction and flow rate of each water nozzle are possible and may be required to achieve the most pleasing overall effect from your fountain.

See Fig 7.

17. Connecting The Low Voltage Lights And Transformer

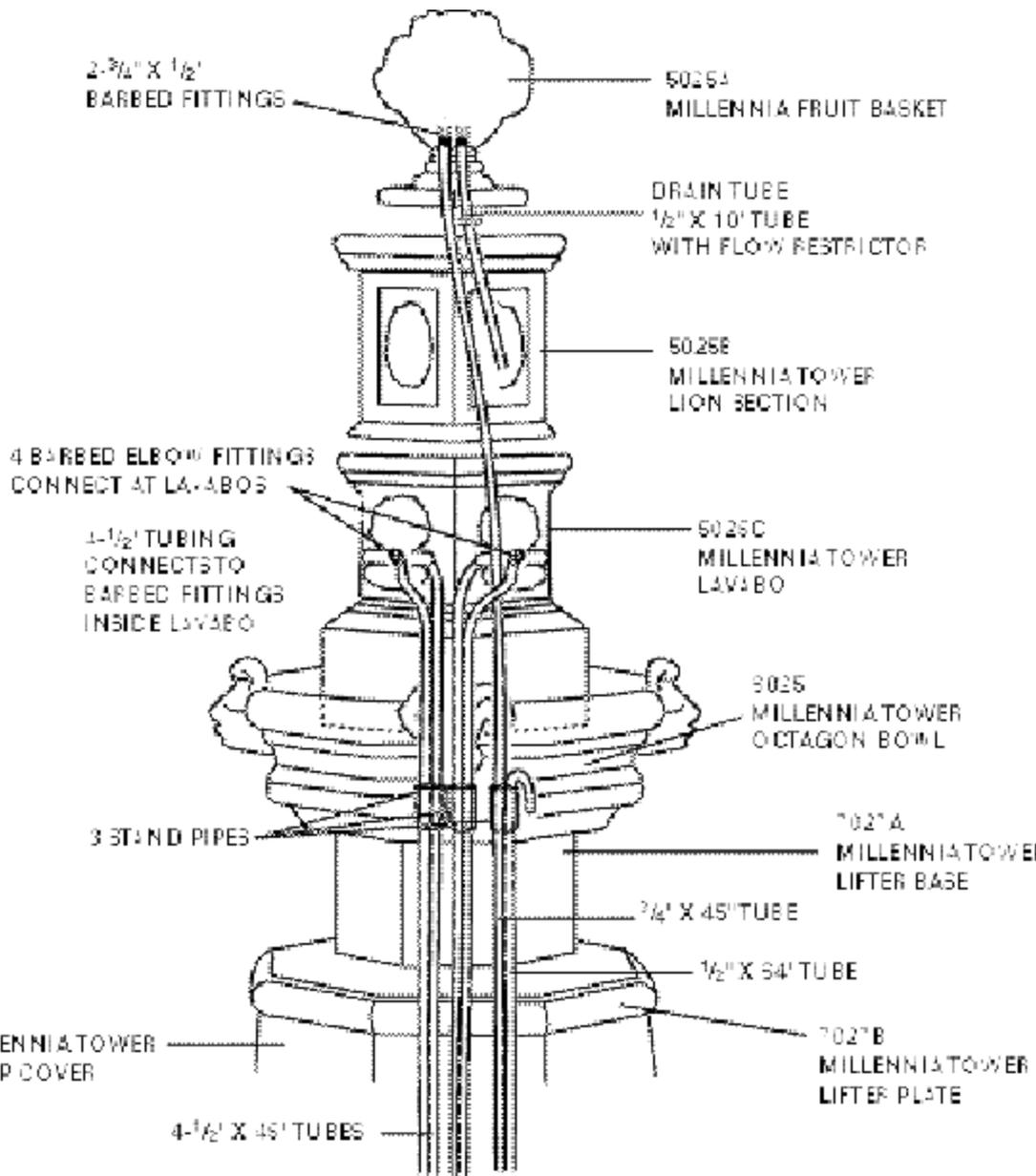
With the power off, connect the four lights to the transformer using the screw terminals and connections provided. After you have connected the lights to the transformer, turn on the power and adjust the direction of the four low-voltage lights for the most pleasing appearance and your fountain is ready to enjoy.

There are six alternate classic centerpieces available for the Grande Millennium Fountains and two different sets of Side Spouting Statues that allow you to personalize your Millennium Fountain. The assembly of the centerpieces of each of these will vary slightly from the assembly of the Grande Millennium Dolphin Fountain. The following instructions will guide you through the assembly of each one.

Appendix A

Assembly Instructions For 5025F32 Grande Tower Millennium Fountain

8A) Attach the brass threaded reducer (3/4 to 1/4) to the P350-20 pump exhaust. Connect the 12" x 1" NKT (no-kink tubing), and 1" MPT x 1" barb adapter between the P350-20 pump and the floor channel to the outer tube ring.



8B) Attach a 3" length of 1/2" tubing and 24" x 3/4" NKT to the P500-20 pump. Attach the open end of the 3/4" NKT to the only non-valved threaded connection of the plastic 4-valved manifold. Attach four 16" x 3/4" NKT on the remaining threaded connections of the manifold (Leave this assembly in one of the pump cover doorways for later connection.)

8C) Place the P1200 pump (with hose connections and filter threaded on)

near the center of the pool.

9A) Place Tower Lifter Plate on Pump Cover.

9B) Place the Tower Lifter Base on the Lifter Plate.

9C) Place the Tower Octagon Bowl on the Lifter Base. Pay attention to the location of the spilling Goat Heads. We recommend that they be located between the Spouting Seasons.

9D) Screw three 2" x 8" stand pipes into the octagon bowl. Holding them flush and together, slip two ½" x 45" tubes down each of two of the stand pipes. Collect the lower ends under the Pump Cover and insert each into an outlet tube of the manifold, clamping each one. The upper ends of the tubes should still rise above the standpipe by about 12 ". Through another standpipe, lower the ends of the ¾" x 45" tube and the ½" x 64" tube. Collect the lower ends under the Pump Cover. Attach the 16" x 1" NKT to the lower end of the ¾" clear tube using a clamp. Insert a 4" x ¾" tube to the other end of the NKT with another clamp. Attach the ¾" tube to tee. Slide an R2 restrictor around the 1" NKT. Attach 'U' fitting on top and rest over the top of standpipe. Slide a 16" x ¾" NKT over the bottom of the 64" x ½" tube. Position an R1 restrictor over the NKT. Attach the NKT to the tee using a clamp.

9E) Insert four barbed elbow fittings inside the Tower Lavabo.

9F) Place the Tower Lavabo in the octagon bowl. Be careful to pull tubing through the Tower Lavabo and do not let top ends slide down the stand pipe. Pull the top of the ½" NKT out the top and let dangle over the side and out of the way. Connect four 1/2" tubes to the barbed fittings. Position the flat nozzles in the Lavabo Bowls in an upright position for now. These will be adjusted once fountain is turned on.

9G) Place the Tower Lion Section on next, while sliding the ½" tubing up through the middle.

9H) Insert the short PVC pipe extension in the water output opening in the top of the Finial. Insert two ¾" x ½" barb fittings under the Fruit Basket finial. Place 10" x ½" NKT with restrictor on the return tube fitting underneath the Fruit Basket finial. Lift the Fruit Basket finial in place. Attach the top end of the long ½" NKT to the remaining barbed fitting under the finial. Make sure the 10" tube is positioned over the inner reservoir of the Tower Lion Section, not over the open center. The restrictor can be adjusted for pleasing flow after the fountain pumps are operating. Fill the fountain with water. We recommend that the fountain be filled to about 1" below the top of the fiberglass pool.

10A) Turn on pumps and adjust water flow to taste using the manifold control and the restrictors on the teed tubes from the P1200. Normally, we recommend that the water level be approximately 1" below the top of the Pool when the fountain is completely filled. Be careful not to overfill the fountain while it is running as some water will drain out of the Tower and bowls into the Pool when the pumps are turned off and may cause overflowing.

Continue assembly with step 11.

Appendix B

Assembly Instructions For Alternate Millennia Fountain Center Pieces.

8B) Placing The Center Piece

Place the Center Piece on the pump cover. This is the heaviest of the concrete pieces. This is where you may need a forklift or other lifting equipment. Protect the surface and edges of the pool when you are locating the Center Piece to avoid scratching or damaging the pool. Do not rest the Center Piece on the edge of the pool during installation as this may damage or crack the pool. Do not step or stand on the edges of the pool as this may damage or crack the pool sides. Be careful while handling the center pieces to avoid damaging the fine details and water connections.

See Fig 5, Equipment with forks placing center piece.

5117F23 Grand Millennia Mermaid

The Spouting Mermaid Pump Cover (5117C) must be placed on the Pump Cover Base (7022) before the Mermaid Center Piece (5117) can be located. Additionally, the Mermaid's left arm must be located in the arm socket after the Mermaid is positioned. This arm is made of a polymer material and contains a water connection fitting in its base. Be careful when handling and assembling.

5760F24 Grande Millennia Lorelei

The Riser Plate (7023) must be placed on the Pump Cover Base (7025) before the Lorelei Center Piece (5760) can be located.

5850F24 Grande Millennia Hebe

Substitute Pump Cover Base (7026) and Hebe Center Piece (5850).

5750F24 Grande Millennia Rebecca

The Riser Plate (7024) must be placed on the Pump Cover Base (7025) before the Rebecca Center Piece (5760) can be located.

5865F28 Grande Millennia Classic Tier

The Classic Tier Fountain has several parts which must be assembled to create the finished Center Piece. Start by placing the Pump Cover Base (7025) in the center of the pool. Then add the 45" Bowl (6867) and thread the standpipe into the bowl. Feed two 3/8" tubes down through the stand pipe. These will be connected to the "T" in the Pump Cover Base. The shorter tube will be used to feed the 45" bowl and the longer piece continues upward to connect to the pipe in the 20" bowl. The 19" Base (7866) is added next in the center of the 45" bowl. Carefully pass the 3/8" tube up through the base. Place the 31" Bowl (6866) on the 19" base and carefully feed the tube through the hole in the bowl. Place the 15" Base in the center of the bowl while passing the tubing up through it's center. Connect the 3/8" tubing to the pipe in the bottom center of the 20" bowl and place it on the 15" Base (7865) in the center of the 31" bowl. Connect a short piece of tubing from the pipe in the top center of the 20" bowl to the pipe in the bottom of the Top Unit (5865). Align each piece as you go and check to see that each bowl is level.

9B) Aligning The Center Piece

Choose the correct alignment of the Center Piece to give you the best view from your principle viewing direction. Also, locate the water jets in the Center Piece so that they are staggered and are not directly opposite the water flows from the Small Spouting Side Statues by rotating the centerpiece in the desired direction. While adjusting the direction of the water nozzles, pay close attention to the desired final alignment with the centerpiece and your chosen primary viewing direction.

5117F23 Grand Millennia Mermaid

The Spouting Mermaid Pump Cover (5117C) contains four water jets which can be aligned using the same procedure described above.

5865F28 Grande Millennia Classic Tier

While the Grande Millennia Classic Tier Fountain does not have any water jets in its base but the spills from each bowl can be adjusted for the most pleasing appearance. To adjust the location of the spills, carefully turn each bowl to locate the spills in the desired position.

5850F24 Grande Millennia Hebe

5750F24 Grande Millennia Rebecca

5760F24 Grande Millennia Lorelei

None of the above fountains have any water jets located in the base.

Align these Center Pieces for the most pleasing view.

10B) Connecting The Pump And Center Piece

The pump connections and fittings are slightly different for each of these fountains.

5117F23 Grand Millennia Mermaid

There are two connections for the Grande Mermaid Fountain. One to the base of the Mermaid and one to the Spouting Mermaid Pump Cover (5117C). Reach under the Pump Cover Base (7022) and connect the loose ends of the two hoses coming from the main pump to the two fittings in the Mermaid and the Spouting Pump cover. There are also two water flow restrictors, one on each of these hoses. These restrictors can be adjusted to provide the most pleasing flow of water to each area of your fountain.

5865F28 Grande Millennia Classic Tier

Place a restrictor over both of the 3/8" tubes and then connect the to the opposite legs of the "T". Connect a short length of tubing to the remaining leg of the "T" and connect it to the pump outlet. The restrictors can be used to control the water for pleasing flow into the 45" bowl and to the top of the fountain.

5850F24 Grande Millennia Hebe

The Grande millennia Hebe fountain has one connection in the base of the Center Piece. Reach under the Pump Cover (7026) and connect the loose end of the hose from the main pump to the fitting on the bottom of the Center Piece. This hose is fitted with a flow restrictor which can be adjusted when the fountain is running to get the most pleasing flow of water through

the Center Piece.

5750F24 Grande Millennia Rebecca

There are two connections for the Grande Mermaid Rebecca. One for each of the two jugs. Reach under the Pump Cover Base (7025) and connect the loose ends of the two hoses coming from the main pump to the two fittings in the base of the Center Piece. There are also two water flow restrictors, one on each of these hoses. These restrictors can be adjusted to provide the most pleasing flow of water to each area of your fountain.

5760F24 Grande Millennia Lorelei

The Grande Millennia Lorelei fountain has one connection in its base. Reach under the Pump Cover (7025) and connect the loose end of the hose from the main pump to the fitting on the bottom of the Center Piece. This hose is fitted with a flow restrictor which can be adjusted when the fountain is running to get the most pleasing flow of water through the Center Piece.

11B) Connecting The Small Spouting Side Statues

Place one corner wall section near one of the semicircular notches in the fiberglass pool. The shape of the notch and the inside shape of the corner wall section should match

Connect one of the four 16" hoses supplied to the barbed fitting on the bottom of one of the Small Spouting Side Statues. Slip the Small Spouting Side Statue into the wall section feeding the hose through the base of the wall section. Move the wall section, with the Small Spouting Side Statue inserted, close enough (approximately 6") to the pool to connect the hose from the Small Spouting Side Statue to the tee connection on the hose manifold outside the pool. Install and tighten clamp. Gently slide the wall section up to the edge of the pool and align it with the matching notch in the pool. Be sure that the Small Spouting Side Statue and the water nozzle are pointed in towards the center of the fountain. You may make final adjustments to the direction of the water flow from each Small Spouting Side Statue after the fountain is completely assembled and the water is flowing.

5023 & 5024 Small Spouting Dolphins

There are two different Small Spouting Dolphins, Head Up (5023) and Tail Up (5024). We recommend that you alternate these in the four corner wall sections to get a pleasing effect.

5027 Spouting Seasons

There are four different Spouting Seasons; Winter (5027WI), Spring (5027SP), Summer (5027SU) and Fall (5027FA). Each can be placed in any of the four corner wall positions. Arrange them to suit your personal preference.

12B) Connecting The Side Spouting Statues

Repeat step 11 for the remaining three corner wall sections and Small Spouting Side Statues. Do not place the long wall section yet! They will be placed after you are certain that the pumps and spouting statues are operating correctly and are without leaks.

Continue assembly with Step 13

Winter Care

Extreme and rapid changes in temperature and humidity affect all concrete adversely. Concrete has an inherent tendency to expand and contract with climactic conditions (a phenomenon taken into account by experienced masons who employ expansion joints-like those "lines" in the sidewalk).

Your Henri Millennia Fountain has been manufactured with weather in mind. The concrete mix is specially blended to enhance the elastic qualities of the concrete. Occasionally, normal surface crazing may appear on smooth finished concrete. If these simple steps are followed your Millennia Fountain will not crack due to weather.

1. Do not let water collect and freeze in the fountain pool or connections.

Prior to the first freeze of the season.

2. Drain the pool for the winter using the installed drain. This should be done either by moving the corner wall section, nearest the drain, and removing the drain cap or by draining through the optional plumbed drain line. Remove the filter to allow all the water to drain from the pool.

3. If you are utilizing the plumbed automatic fill option, be certain your water supply is turned off and the line is drained.

4. The outer hose manifold should be drained by removing the large tee or it should be blown out with compressed air in a convenient manner.

5. Check to be sure that no water remains in the water level control chamber. The chamber has a small drain hole located on the left side and below the access door in the pool. Check the drain to be certain it is not clogged with debris. If it is plugged, clean out using a small pick or piece of wire. If you are not certain that the chamber is empty, the chamber may be accessed by removing the four Phillips screws in the cover, located inside the pool. Blow out or daub out any water remaining in the chamber before reattaching the cover.

6. Cover the entire fountain with a suitable cover paying special attention to the center piece and Small Spouting Dolphins.

7. After the pool is drained, disconnect the hose supplying the centerpiece (as shown in Step 10) and turn on the pumps momentarily to clear all water from the tees, tubing and pumps.

By following these simple and sensible precautions during the winter season, you will protect your Henri Millennia fountain for years of beauty and enjoyment.

Parts List

Grande Millennia Dolphin Fountain, 5022F

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5022 Dolphins	510	1	510
#5023 Small Spouting Dolphin, Head up	27	2	54
#5024 Small Spouting Dolphin, Tail up	27	2	54
#6022 Fiberglass pool	168	1	168
#7022 Dolphin Pump Cover Base	186	1	186
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5397

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Millennia Mermaid Fountain, 5117F23

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5023 Small Spouting Dolphin, Head Up	27	2	54
#5024 Small Spouting Dolphin, Tail up	27	2	54
#5117 Mermaid	200	1	200
#5117C Spouting Mermaid Pump Cover	120	1	120
#6022 Fiberglass pool	168	1	168
#7022 Dolphin Pump Cover Base	186	1	186
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5207

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Millennia Lorelei Fountain, 5760F24

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5023 Small Spouting Dolphin, Head up	27	2	54
#5024 Small Spouting Dolphin, Tail up	27	2	54
#5760 Lorelei	190	1	190
#6022 Fiberglass pool	168	1	168
#7023 Lorelei Riser Plate	30	1	30
#7025 Pump Cover Base	180	1	180
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5101

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Millennia Classic Tier Fountain, 5868F28

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5027 Spouting Seasons (4-WI, SP, SU, FA)	30	4	120
#5865 Top Unit	38	1	38
#6865 Bowl, 20"	32	1	32
#7865 Base, 15"	55	1	55
#6866 Bowl, 31"	105	1	105
#7866 Base, 19"	101	1	101
#6867 Bowl, 45"	230	1	230
#7025 Pump Cover Base	186	1	186
#6022 Fiberglass pool	168	1	168
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5460

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Millennia Hebe Fountain, 5850F24

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5027 Spouting Seasons (4-WI, SP, SU, FA)	30	4	120
#5850 Hebe	446	1	446
#6022 Fiberglass pool	168	1	168
#7026 Pump Cover Base	180	1	180
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5339

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Millennia Rebecca Fountain, 5750F24

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5027 Spouting Seasons (4-WI, SP, SU, FA)	30	4	120
#5750 Rebecca	201	1	201
#6022 Fiberglass pool	168	1	168
#7024 Rebecca Riser Plate	30	1	30
#7025 Pump Cover Base	180	1	180
#7237 Sidewalk piece	300	8	2400
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5124

*includes 2 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

Parts List

Grande Tower Millennia Fountain, 5025F32

Component	Weight (lbs.)	Number required	Total Weight (lbs.)
#5025A Millennia Fruit Basket	76	1	76
#5025B Millennia Tower Lion Section	71	1	71
#5025C Millennia Tower Lavabo	114	1	114
#5027 Spouting Seasons (WI, SP, SU, FA)	30	4	120
#6025 Millennia Tower Octagon Bowl	158	1	158
#7027A Millennia Tower Lift Base	74	1	74
#7027B Millennia Tower Lifter Plate	108	1	108
#7028 Millennia Tower Pump Cover	154	1	154
#7028AD Millennia Tower Pump Cover Base Doors	6	4	24
#9010 Long wall section	290	4	1160
#9011 Corner wall section	205	4	820
#7237 Sidewalk Sections	300	8	2400
#6022 Fiberglass Pool	168	1	168
Pumps & Connections	45	1 kit*	45
Total weight (lbs.)			5568

*includes 3 pumps, 4 lights with low-voltage transformer, wiring, hose and all connection hardware.

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