

## 72"- 90" GARDENFALL Waterfall



### Instructions for use

Inspect for shipping damage- any damage from shipping should immediately be reported to the delivery agent. Do not attempt to operate if unit is damaged.

### PARTS List

- |                                    |                               |
|------------------------------------|-------------------------------|
| Light/Bracket with transformer (1) | Pump/Filter/Valve Assembly(1) |
| Metal Trays for Rocks (2)          | Bag of River Rocks (1)        |
| Cord Strain Relief (1)             | Cable Clips (5)               |

### 72"- 90" GARDENFALL Assembly



figure A



figure B

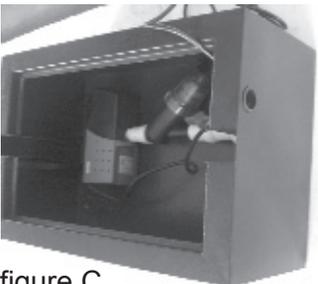


figure C



figure D

- 1 Remove the Gardenfall panel from its shipping carton.
- 2 Lean the glass panel upright against a wall until you reach step 6.
- 3 Move all the packing material from the base including: the light kit, bag of river rocks and pump/filter/valve assembly.
- 4 Take the valve assembly and attach it to the threaded opening on the pump by screwing it in (figure A). Also attach the sponge filter to the threaded opening on the side of the pump (figure B).
- 5 Place the assembled pump/filter/valve assembly into the reservoir with the valve next to the side that has the hole cut out for the cord (figure C). Remove cord strain relief (figure D). Pull the cord through the hole, leaving approximately 12 inches of the cord in the base (See figure E). Apply strain relief to cord (figure F).
- 6 Take Gardenfall panel from step 2, and with 2 people, slide the panel into the center of the base as shown in figure G. (Note: place cardboard over base to protect it from scratching, do not rest the Gardenfall panel directly on the base as this may scratch the base). It is important to place the panel in the reservoir to the side with the plumbing coming out of the bottom.

**Note: The side that has the peel-off sticker labeled "front" is the side that the water flows down and should be facing front.**

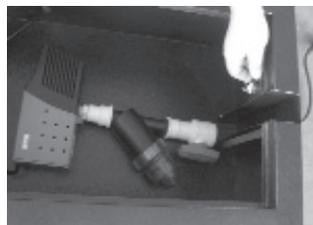


figure E

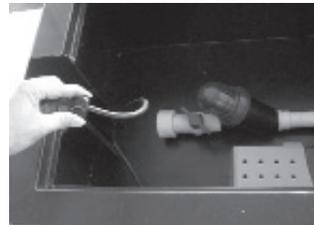


figure F



figure G



figure H

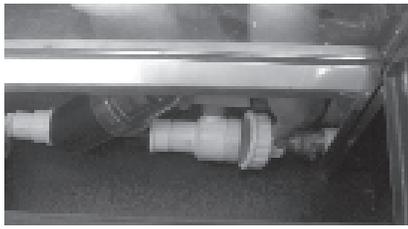


figure I

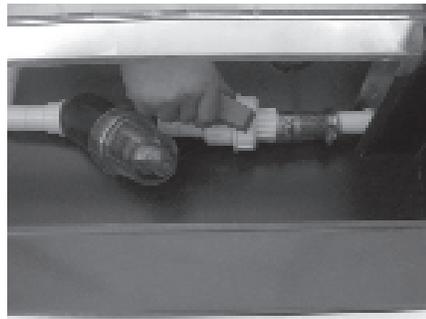


figure K



figure L

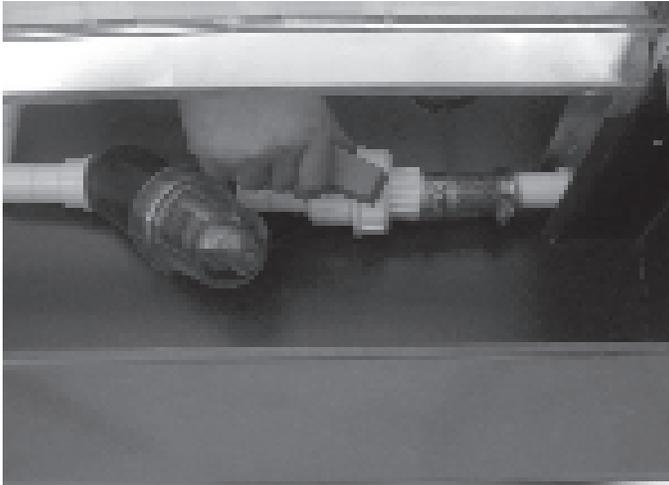


figure J



figure M

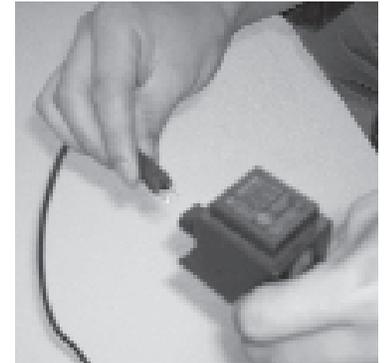


figure N

- 7 Once the panel is placed in the base, turn the thumb screws (as shown in figure H) to secure the panel in the base.
- 8 Line up the pump/filter/valve assembly to the hose coming out of the panel, as shown. Simply hand screw the two connections together. See figures I and J. NOTE: Assembly must lay flat on base floor to avoid hot burner. Position filter and valve to the back of the base. Turn assembly till valve and filter are facing away from the front.
- 9 Fill the reservoir with water. Do not fill the plug hole. Plug it in and the water should begin to flow. Adjust the flow if necessary by turning the red handle on the filter/valve assembly as shown in figure K. Note: Too much water flow will cause dripping and splashing. Water level must be maintained at least one inch above pump. If water level drops below the top of the pump, it may damage the pump.
- 10 Place the metal rock tray to the back of the reservoir and arrange the rocks in them as you like. Place the burner inside the tray opening. Make certain the sliding dampener completely covers the burner opening to avoid getting water inside the burner. **See burner instructions for proper use and safety after correctly assembling the fountain.** Place a few rocks in the burner tray, make certain to not drop or place any rocks inside the burner. **ALWAYS check that burner is empty of rocks or debris before filling and lighting. Place the glass windscreen in channels located at the front of the burner tray. Make certain glass is well seated. WARNING: GLASS WILL BE HOT TO THE TOUCH!**

## Installing the Light Accessory

- 1 Insert the light as shown (figure L) on the top center of the waterfall panel. In the center you will find a slot to accommodate the light.
- 2 You are provided self-stick clips to hold the wire. Place them as shown (figure M) along the side as well as the top.
- 3 Plug the light into the transformer (figure N). Plug the transformer into an outlet.
- 4 You can adjust the light to achieve a nice effect on the water panel.

**Note: The transformer for the light CANNOT BE PUT IN THE WATER.**

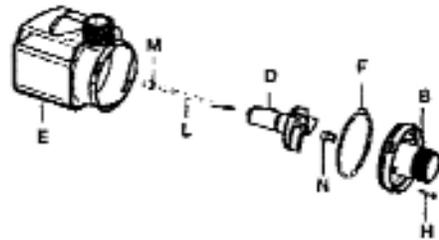


## Maintenance of the PUMP

Open the pre-chamber B, turning counter-clockwise (loosen the safety screw prior to this operation). Slip the rotor D off the pump body E, taking care not to damage the ceramic shaft L and the supporting rubber pads M and N. Always check the seal of the O-ring F; any damage to the O-ring, however slight, may seriously affect the pump performance and should be replaced. Rinse all the parts under running water using a small brush to remove any debris. To reassemble the pump, perform the same operations in reversed order.

Water conditions vary greatly in all parts of the world. Your local water conditions may cause an unwanted build up of minerals and other deposits that may affect the appearance and operation of your water feature. Depending on the level of by product present in your

local water, you may need to add the recommended chemicals and change the water more frequently to avoid excess build up. If these conditions are present it is recommended to use distilled water to operate your product. If these conditions are present and not treated, Bluworld cannot be responsible for any effect it may have on the water feature.



## CARE AND MAINTENANCE

IN ORDER TO CLEAN THE GLASS SIMPLY REMOVE THE HEADER AND UNSCREW THE STAINLESS STEEL DISTRIBUTION PANEL. SLIDE THE GLASS PANEL UPWARDS TO REMOVE IT FROM THE BASE. FILL THE BASIN WITH WATER AND PLUG INTO A STANDARD ELECTRICAL OUTLET.

DO NOT ATTEMPT TO MOVE THE DISPLAY ONCE IT IS FILLED WITH WATER. EMPTY THE BASIN BEFORE REMOVING FROM THE WALL. MAINTAIN THE WATER LEVEL BY FILLING TO BELOW THE TOP EDGE OF THE BASIN ABOUT ONCE A WEEK. WATERFALLS THAT ARE PLACED NEAR AIR CONDITIONING VENTS AND INTAKES WILL EVAPORATE AT A FASTER RATE. DO NOT OPERATE IF LOW ON WATER. IF HARD WATER IS A PROBLEM IN YOUR AREA, THE USE OF DISTILLED WATER WILL GUARANTEE THE BEST RESULTS. IT IS RECOMMENDED TO DRAIN THE RESERVOIR ABOUT ONCE EVERY THREE MONTHS AND REFILL WITH CLEAN WATER. BE CAREFUL NOT TO GET CLEANING AGENTS INTO THE WATER. IF NECESSARY, WIPE THE INSIDE OF THE RESERVOIR WITH A CLEAN CLOTH TO REMOVE ANY BUILD UP.

## GLASS/METAL WATERFALL MAINTENANCE

1. It is recommended that the water feature be left running continuously and shut down once a week for cleaning of the mirror or glass. Use standard glass cleaner on all surfaces of the waterfall feature. It is also recommended that the water feature be drained once every three to four months. After draining, wipe the inside of the reservoir with a wet rag. It is not necessary to use any cleaning agents to remove dirt and debris from the reservoir. If you use soap or cleaning solutions make sure to rinse the reservoir thoroughly before refilling it with clean water. If not properly rinsed, this could cause foaming from the soap residue.

2. The waterfall feature will continuously lose water due to evaporation. Evaporation is dependent on many variables such as climate, humidity, temperature, etc. IT IS IMPERATIVE THAT THE WATER LEVEL BE MAINTAINED AT ALL TIMES. For the first few months of use, you should monitor the reservoir periodically to determine the rate of evaporation on the waterfall feature. If a pump runs dry or very low the following can happen:

***The Pump Can Burn Out And Void The Warranty  
Residue May Spray Onto The Waterfall Surface  
Spraying From Manifold Delivery System May Occur***

Thank you for purchasing a Bluworld water feature. Our artistic models and superior workmanship produce water features designed for a long-term decorative effect providing relaxing sounds and promoting a healing environment. We hope you will enjoy your designer water feature.

3. Over a period of time, if the water in your area is hard it may cause the glass to develop a hazy or cloudy film on its surface. Adding a water softener such as Protec to the reservoir water will help control hard water stains. See bottle for proper instructions on use. It is easy to remove the hazy film from the glass surface. When the glass is completely dry, take a dry soft cloth and wipe or buff the surface in circular patterns.

***Note: A glass cleaner only is recommended in the upkeep of the glass surface.***

4. If the unit develops an algae problem you will want to access the reservoir through the rock tray. Algae is detected by a sour odor and/or white gel like substance. If this occurs then add an algicide such as Fountec to the unit as directed. Bluworld keeps these maintenance products in stock for your convenience.

5. If white particles should build up on the glass it is most likely calcium, which may be prevalent in your water supply. This may be removed with Calcium Lime Remover (CLR). You may also use a scraper or razor blade to remove the deposits. To reduce maintenance on your water feature, use distilled water.

***Should you experience any problems, please DO NOT return to retailer. Instead, call 1 (888) 499-5433 and ask for Customer Service for a quick solution to your problem.***

## GLASS/METAL BURNER MAINTENANCE

**GLASS:** Clean the glass windscreen with a glass cleaner or damp paper towel and wipe dry. Do not use harsh chemicals.

**BURNER:** Remove the burner from the tray and wipe top and dampener slide with cloth or sponge dampened with water to remove any traces of dust or spills and wipe dry. Fine gauge stainless steel may be used for further cleaning to remove discoloration of the burner or burner cup only. Use only with the stainless steel burner or burner cup provided with your fire fountain, never use other containers.

**FUEL:** Spilled alcohol may mar or stain flooring or furniture. Always wipe up spills immediately with a dry cloth followed by a cloth dampened with water. Allow to dry completely before lighting burner or cup. It is recommended that the fuel in the burner or burner cup be burned completely. Dispose unused fuel content and empty bottles in accordance with local regulations for hazardous materials.



# BURNER MANUAL

**Read and understand the entire Burner Manual prior to use.**

*Please store these safety warnings in a safe place for future reference.*

## **NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE THAT IS NOT IN ACCORDANCE WITH INSTRUCTIONS AND WARNINGS.**

We all understand fire is dangerous but for many years it has been safely used and enjoyed when properly handled. To insure your safety and enjoyment we provide a safety manual that explains the correct use of your Nu-Flame fireplace and the basic risk of using the product. It is the sole responsibility of the consumer of any product sold by Bluworld® or its resellers to obtain proper instruction from the safety manual and to always act safely, wisely and with caution while using our products.

**Failure to follow these instructions could result in property damage, bodily injury or even death.**

## BURNER PARTS LIST

Burner Tray (All Tabs face up) (1)  
Stainless Steel Inner Burner (1)  
Wind Screen Glass Panel (1)

Rock Tray (1)  
Dampener slide (1)

Stainless Steel Outer Burner (1)  
Dampener tool (1)

*You may wish to purchase a funnel for pouring fuel into the burner*

**CAUTION:** The flame starts out slowly. Please allow 15 minutes to reach the optimum temperature and flame height. **DO NOT ASSUME THE FUEL DID NOT IGNITE.** Follow the refilling instructions in this manual.

## WARNINGS!

- Never leave a burning or hot fireplace unattended.
- Keep away from children and pets. This is not intended for children.
- Do not operate in a room with oxygen tanks in use or if flammable vapors are present.
- Do not place with 12" of glass windows or wall mirrors.
- Do not burn in a confined space, the flame consumes oxygen.
- Never open a fuel bottle near an open flame. A dangerous fire flash could result.
- Never attempt to move the fireplace while it is burning or is still hot.
- After filling your fireplace, be sure to replace the bottle cap and remove the bottle from area of the fireplace before lighting the fireplace.
- Glass will be hot when lit and for some time after extinguishing, do not touch glass surface. Due to high surface temperatures keep children, pets, clothing, drapery and furniture away from the unit.
- Do not obstruct or inhibit flame.
- Do not use for cooking purposes. Do not use the Fire to heat or boil water or as a cooking appliance.
- Allow fireplace to cool at least 15-20 minutes before touching or moving.
- Do not put wood, charcoal, paper or other combustible objects into the Fire.
- Exercise the same precautions as you would an open fire.
- In case of emergency Dial 911. Extinguish fire with approved fire extinguisher.



**DANGER**

**DO NOT TOUCH  
GLASS WILL BE  
HOT WHEN LIT**





# WARNING!



**DO NOT REFILL BURNER OR CUP UNTIL  
FLAME IS OUT AND BURNER OR CUP IS COOL**

**SERIOUS INJURY MAY OCCUR**

**DO NOT TOUCH** burner when hot  
**DO NOT BURN** near flammable items  
**KEEP AWAY** from children and pets

**READ AND UNDERSTAND** care and use  
instructions provided with fireplace and fuel

## First-Time Use Instructions

Your fire fountain is for decorative purposes only and not suitable for continuous operation.

Do not use the Fire to heat or boil water or as a cooking appliance. Do not put wood, charcoal, paper or other combustible objects into the Fire.

1. **PLACEMENT OF FIRE FOUNTAIN:** This FIRE FOUNTAIN will use oxygen from the air inside the room where it is operated. The rooms should be well ventilated with enough oxygen and fresh air being supplied (i.e. slightly open windows if room is not vented). When ventilated, the room where the fireplace is operated in should not be smaller than 215sq.ft. (to calculate the square footage of a room multiply the width x length. For example, If the room is 15' wide x 16' long then 15' x 16' =240 sq.ft.) Place on a safe, level, stable, non-flammable area and at least 12" from glass windows or mirrors and at least 60" from drapery.
2. **OPERATION:** Check that the burner's slider/dampener is free from obstruction and operating smoothly (closing and opening fully).
3. **FUEL:** Read Fuel Bottle label before use. Use only approved ethanol fuel. We recommend "Nu-Flame Bio-Ethanol Fuel". **USE EXTREME CAUTION! - DANGER FLAMMABLE/IRRITANT** Ethanol Fuel is a Class 3 flammable liquid and presents real danger when not used in direct compliance with all Instructions and safety warnings. **KEEP FUEL OUT OF REACH OF CHILDREN AND PETS**
4. **POURING:** Slowly pour fuel into clean burner that is **COOL TO THE TOUCH**. Use a funnel to fill linear burners. Fill burner no more than 2/3 full. **DO NOT** overfill or allow fuel to touch anything other than the inside of the inner burner. **DO NOT POUR FUEL INTO OUTER BURNER; FUEL MUST BE Poured ONLY INTO THE INNER BURNER BOX WITH CUTOUT.** Should fuel spill or be poured into the outer burner remove the inner burner box and wipe dry of any fuel. Clean any spills with water before lighting. Replace cap on bottle and place bottle 5 feet or more away from the fireplace before lighting. Store fuel bottles in cool dry space. Do not store in direct sunlight or allow fuel to become heated. **CAUTION:** Spilled alcohol may mar or stain flooring or furniture.
5. **LIGHTING:** Use long match or extended lighter to light fuel. **CAUTION:** The flame starts out slowly. Please allow 15 minutes to reach the optimum temperature and flame height. **DO NOT ASSUME THE FUEL DID NOT IGNITE.**
6. **BURNING:** **DO NOT MOVE OR TOUCH FIRE FOUNTAIN WHEN LIT OR HEAT IS PRESENT. UNIT WILL BE VERY HOT.** It is recommended that the fuel in the burner or burner cup be burned completely. **NEVER LEAVE A BURNING OR HOT FIRE FOUNTAIN UNATTENDED. KEEP AWAY FROM CHILDREN AND PETS; THIS IS NOT INTENDED FOR CHILDREN. NEVER ALLOW THEM TO LIGHT OR EXTINGUISH A FLAME.**
7. **EXTINGUISHING:** To extinguish the flame, only use the slider/dampener tool to close the burner. Using the tool, push the sliding dampener over the burner opening. Making certain to completely cover the opening. **DO NOT BLOW OUT FLAME** or attempt to extinguish with water. Snuff for 20 seconds or longer. **DO NOT ASSUME FLAME IS OUT BECAUSE YOU CANNOT SEE IT.**

## Relighting & Refilling

**WARNING: DO NOT ATTEMPT TO ADD FUEL TO BURNER OR BURNER CUP IF FLAME IS PRESENT OR BURNER/CUP IS HOT, THIS MAY CAUSE A FLASH FIRE AND SEVERE BURNS.**

**FLAME MAY BE NEARLY INVISIBLE: APPROACH FIRE WITH CAUTION.**

Always follow shut-off procedure before refueling

1. SHUT BURNER OFF WITH DAMPENER/SLIDER PROVIDED OR ALLOW FUEL TO BURN OUT COMPLETELY. ALLOW 30 MINUTES FOR UNIT TO COOL BEFORE REFUELING. WAIT FOR THE WINDSCREEN AND BURNER/CUP TO COOL TO ROOM TEMPERATURE. FLAME MAY BE DIFFICULT TO SEE - DO NOT ASSUME THE UNIT IS OFF. MAKE SURE THAT THE FLAME IS OUT AND NO HEAT IS PRESENT! CAREFULLY REFILL BURNER/CUP NO MORE THAN 2/3 FULL. DO NOT OVERFILL.
2. Light with long match or extended lighter. CAUTION: The flame starts out slowly and may appear invisible. DO NOT ASSUME THE FUEL DID NOT IGNITE.
3. Never leave a burning or hot fireplace unattended. KEEP AWAY FROM CHILDREN AND PETS; THIS IS NOT INTENDED FOR CHILDREN. NEVER ALLOW THEM TO LIGHT OR EXTINGUISH A FLAME.
4. Ethanol Fuel, when not used correctly and safely can cause serious burns, destruction of property, or even death. Leftover fuel should be disposed of. Dispose unused fuel content and empty bottles in accordance with local regulations for hazardous materials..



## **Attention: New Warranty in effect as of April 1, 2012**

Bluworld's® Warranty has changed as of April 1, 2012 and supersedes all previous warranties for product purchased after April 1, 2012. If there is printed material within this shipment it is considered void and the Warranty as stated below is policy.

Bluworld® product is warranted against defects that render it unfit for its reasonably intended use. This Warranty is not extended to cover use of the product for a purpose other than as intended, and if the product is used unreasonably, or for purposes other than as intended, or if it is altered, modified or repaired by a party other than Bluworld®, then the Warranty shall be null and void. The Warranty is in effect for a period of six months beginning from the date of sale to the original retail purchaser and the rights under this Warranty are limited to the original retail purchaser. Bluworld® will, upon written notification thereof, take commercially reasonable steps to correct such defects (see "manufacturers defects below"), at Bluworld's® sole option, by suitable repair, replacement, or refund.

**THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS OR IMPLIED, EXCEPT FOR THE WARRANTY OF TITLE AGAINST PATENT INFRINGEMENT.** Corrections of nonconformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Bluworld® to any Dealer with respect to the goods, whether based on contract, negligence, and strict tort or otherwise. Bluworld contract sales personnel, including but not limited to authorized Dealers and Resellers (collectively, "Sales Personnel"), are not authorized to make warranties about Bluworld® merchandise.

**ORAL STATEMENTS DO NOT CONSTITUTE WARRANTIES.** Oral statements made by Bluworld® employees or other Sales Personnel shall not be relied upon by a Dealer and shall not become part of any contract for sale. The entire sales contract between a Dealer and Bluworld® will be set forth in the invoice and/or accompanying or reference documents provided by Bluworld® to the Dealer or Sales Personnel. No other warranties are given beyond those set forth in those documents. Please be aware that you may have valuable rights under the state law in which you reside. Some of the provisions of this Warranty may be prohibited by your state law in which case your state law will govern and control. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Our products are warranted for a period of six months against defects in finish, pumps and other product performance issues. Light bulbs are not warranted. Our experience has shown that in practically 100% of incidents that any defect is apparent within a week of installation and use. Appearance defects should be noticed upon unpacking the fountain. We have found that finishes have 'failed' due to poor maintenance, local water conditions with minerals affecting the finish, attempts to clean with harsh chemicals or abrasive pads being used. Performance of water flow, spitting, and other 'leaks', are usually caused by debris getting into the fountain, buildup of minerals, algae from poor water or lack of maintenance. Pumps can also fail due to water levels not being maintained in the reservoir and this is not covered by the warranty.

**MANUFACTURERS DEFECT DEFINED** - A distinct and obvious flaw in the manufacturing of the product that inhibits the product's ability to function properly or a distinct and obvious flaw in the workmanship of the product that affects its physical appearance. Bluworld® water features are manufactured under generally accepted manufacturing techniques as recognized by the International Organization of Standardization. Our products are hand-made and hand finished thus minor scratches in materials within accepted ranges are not considered defects.

**MIRRORS/Glass**-We use tempered Glass/Mirror in our water features for safety reasons and the process of tempering the mirror may cause the mirrors not to reflect images in the same manner of a non-tempered mirror which is designed to reflect images in their true form. When water is flowing over our tempered mirror surfaces, these slight differences are not noticeable and this is not considered a reason for a return.

