

East Dune Trading (Pty) Ltd T/A



51 Gerhardus Street, Strijdom Park, South Africa
P.O.Box 912 North Riding 2160 South Africa
Tel: 011 466 8250
Email: shop@waterhouse.co.za
Reg.No. 2008/010619/07 VAT No: 4200247635

Floating Fountain Manual


(Applies to “Aerator Floating Fountain – For Residential, Golf Dams, and Park Water Features” & “Large Floating Fountain” by Waterhouse)



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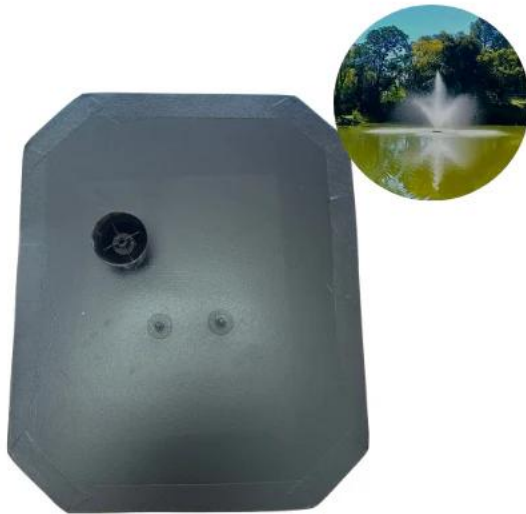
 011 466 8250

Waterhouse – South Africa
 info@waterhouse.co.za

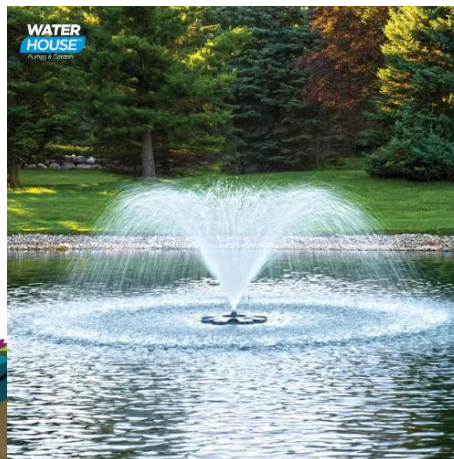
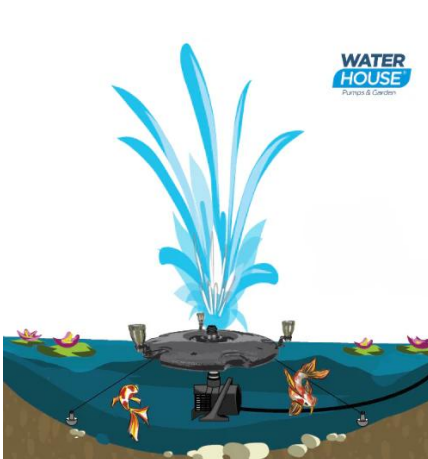
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1. Product Overview

Images:



These floating fountains are designed for ponds, dams, and decorative water features. They help improve water quality, enhance aesthetics, and provide aeration and circulation. The Aerator model includes a pump (Waterhouse WH30000) and spray heads; the Large Floating Fountain is essentially a floating stage (floater + nozzles + strainer net + supports) that suspends a pump (pump not included) and creates decorative spray patterns.



2. Specifications

Model	Size / Dimensions	Weight	Included Components	Spray Height / Output	Pump Included / Compatible
Aerator Floating Fountain	(dimensions approx as per Waterhouse listing, insert exact values if available)	(weight if known)	Spray heads / nozzles; pump WH30000; floating base; cable etc. Waterhouse	Designed to work with provided spray heads to create decorative water displays; aids aeration & circulation. Waterhouse	Includes the Waterhouse WH30000 submersible pump. Waterhouse
Large Floating Fountain	90 cm diameter × 14 cm height Waterhouse	~6 kg Waterhouse	Floater base; strainer net; 3 different nozzles; cable clamps for balancing; excludes pump. Waterhouse	Water display up to ~3 m height (depending on pump used) Waterhouse	Pump not included; must be suitable submersible fountain/pond pump.

3. Uses & Benefits

- Improves oxygenation of water, reducing algae and promoting healthier aquatic environments.
- Enhances visual appeal with decorative spray patterns.
- Helps with water circulation, which can prevent stagnant zones and reduces mosquito breeding.
- Suitable for residential ponds, golf course lakes, park water features.
- Floating design prevents pump from sinking into mud/trash (Large Floating Fountain version).
- Easy to change spray pattern via interchangeable nozzles.

4. Components / Parts List

Aerator Floating Fountain

- Floating base / pontoon
- WH30000 submersible pump
- Set of spray heads / nozzles
- Mounting/hanging cables or supports as necessary
- Safety/strainer net (if included)
- Electrical cable, power cord with plug
- Optional accessories (if any)

Large Floating Fountain

- Floating base (90 cm diameter)
- Strainer net
- Three nozzles (different spray patterns)
- Cable clamps and balancing ropes/cables
- Mounting / support hardware

5. Safety & Maintenance

Safety:

- Always disconnect power before installation, maintenance, or inspection.
- Ensure the pump and any exposed wiring is properly waterproofed and grounded (or double insulated per local electrical code).
- Keep children and pets away from the unit when in operation unless supervised.
- Do not run the pump dry (without water), as this damages pump.
- Remove debris regularly from the strainer/net to prevent clogging and overheating.
- Use only approved nozzles; avoid modifying components which may cause imbalance or unsafe spray patterns.

Maintenance:

- Inspect and clean nozzles periodically (monthly or more often, depending on water quality).
- Clean strainer net regularly.
- Check floating base for wear, leaks, or damage.
- In winter or freezing conditions: remove or protect fountain to prevent ice damage.
- Check electrical cable and connection for wear or damage.

6. Installation Instructions

Here are detailed steps to install either model. (Adjust as appropriate whether pump is included or not.)

A. Tools & Materials Needed

- Submersible fountain / pond pump (if not included) that is compatible in power and flow with the fountain base and nozzles.
 - Electric supply with proper weatherproof outlet and suitable capacity.
 - Rope or cable anchors (if anchoring to shore).
 - Basic tools: screwdriver, wrench, wire clamps, etc.
 - Safety gear: gloves, rubber boots, eye protection.
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B. Pre-Installation Checks

1. Ensure the pond or dam is large enough to safely accommodate the spray radius; avoid spraying water onto walkways, power lines, roads.
 2. Measure water depth at installation point: sufficient depth required for pump to be submerged but allowing clear spray pattern.
 3. Check that water quality is adequate (not too many solids or debris) so net / strainer can cope.
 4. Confirm that the float base is intact, clean, and buoyant.
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C. Step-by-Step Installation

1. Assemble the Floating Base

- For Large Floating Fountain: attach cable clamps / balancing cables to float base so that it sits level on water surface.
- Install the strainer net underneath the float base to prevent debris entering pump intake.
- Choose and fit the desired nozzle among the three provided.

2. Mount the Pump

- If pump is included (Aerator model): attach pump securely to float base. Ensure pump outlet aligns with nozzle/pipe to allow correct spray.
- If pump is separate (Large model): attach pump to float base or suspend just below float in position where inlet is clear and pump is well supported.

3. Connect Electrical Supply

- Run the cable safely from the pump to power source. Use cable clamps to avoid stress.
- Ensure all connections are waterproof and comply with local safety/electrical codes.

4. Position the Fountain in Water

- Gently place the assembled fountain in the desired location.
- If required, anchor the float base to shore or underwater structure to prevent drift (especially in windy conditions).

5. Initial Start-Up

- Fill water (if needed) to ensure pump is fully submerged.
- Turn on the pump and observe spray pattern. Adjust nozzle or pump height/cable balancing if spray is uneven or misting.

6. Fine Tuning

- Adjust nozzle width/pattern to suit your feature (wider or narrower spray).
- Adjust pump flow or pump height (if adjustable) to achieve desired spray height (within specification, max ~3 m for Large model).

7. Operating Guidelines

- Operate during daylight or dusk for visual effect; nighttime visual may require lighting (if available).
 - Monitor water level to ensure pump remains submerged.
 - Periodic operation (e.g. daily or seasonal cycles) helps longevity; avoid continuous overload.
 - In high wind, heavy rain, or storms: consider lowering operation, anchoring more firmly, or removing unit to avoid damage.
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8. Troubleshooting

Problem	Possible Cause	Solution
No spray / very weak spray	Pump not getting power; blockage; inlet or nozzle clogged; pump too small	Check power connection; clean filter/strainer/nozzle; increase flow; replace or repair pump
Splashing or misting rather than clean spray	Incorrect nozzle; float base not level; pump output too high or too low	Use correct nozzle; level float; adjust cable clamps; reduce/increase flow if possible
Pump overheating / burning smell	Inlet blocked; pump running dry; debris causing overload	Clean inlet; ensure enough water; remove debris; stop operation until resolved
Float tilts or dips on one side	Uneven weight distribution; cable clamps not adjusted; unbalanced nozzle	Rebalance cables; ensure weight evenly distributed; check nozzle seating
Excessive algae growth/cloudy water	Poor circulation; low oxygen; too many nutrients in water	Increase aeration (run more hours); clean water; possibly use water treatment; maintain fountain regularly

9. Warranty & Support

- Check the warranty period as per your purchase invoice.
- Keep proof of purchase.
- For spare parts (nozzles, strainer net, float components), contact Waterhouse.
- For technical support: send photos of the installed unit, pump model, issues noticed.