vertex
AQUATIC SOLUTIONS
A Rentokil Company

Bantam Series
1/2 HP Fountain
Owner's Manual

Installation • Maintenance
Troubleshooting • Operation

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Hours of Operation
M – F: 8am – 5pm EST

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Please read all instructions thoroughly and understand them prior to installation or use. If you have any questions or are missing pieces, do not contact or return to place of purchase; please call 1-844-432-4303.

SAFETY INSTRUCTIONS
• Read and observe all the instructions supplied with the pump and on the pump.
• Ensure that your outlet voltage corresponds to those stated on the rating label of the pump.
• Ensure that the pump is securely installed before operation.
• The electrical connection should be in a waterproof area and should be at least 6 feet away from the edge of the pond.
• Keep the electrical connections dry! Droop the electrical cord below the electrical outlet to form a "Drip Loop". This will prevent water from running down the cord into the electrical outlet.
• Always unplug the pump from its power source before installing or removing parts, cleaning the pump, or performing any work on the fountain or water feature.
• The pump must not be used when people or wildlife are in the water.
• Do not operate any appliance with a damaged cord or plug, or in abnormal state.
• The supply cord of the pump cannot be replaced. If the cord is damaged, the pump should be discarded. Replacement pumps are readily available.
• Do not cut the plug end off the cord for any reason. Cutting the cord voids the warranty and may create an electrical hazard.
• For safety reasons, routine cleaning, maintenance or repair work should only be done with the power cord disconnected from the power source.
• To disconnect the pump from the power source, pull the plug by the molded end; never pull the plug by the wire.
• Never hang or transport the pump by means of pulling the power cord!
• Close supervision is necessary when the pump is used by or near children.
• Never use any accessories which are not recommended by the pump manufacturer. This may result in fire, electric shock, personal injury and/or voided warranty.
• The pump is to be supplied power through a dedicated 15A breaker with a Ground Fault Circuit Interrupter (GFCI) with a rated residual operating current not exceeding 30mA.
• To protect against the risk of electrical shock, do not immerse the plug in water or other liquid.
• Do not plug the pump in if it is not submerged in water, doing so damages the pump and voids the warranty.
• The pump power cable needs to be ran through conduit from your water feature to the GFCI outlet.
• Do not fish around the fountain, this can damage the power cord.
• Use extreme caution when operating fountain in freezing temperatures. The fountain will keep the ice thin.
• Do not walk on ice. Thin ice will break, creating the risk of hypothermia or drowning (recommend posting thin ice sign).
• We recommend removing the fountain in freezing conditions, if the pump gets ice-packed it would void the warranty.

THE BANTAM 1/2HP COMES IN TWO BOXES:
PUMP AND FLOAT ASSEMBLY KIT

1. 36" Float
2. Nozzle Quick-Release
3. 3 Fountain Nozzles
4. 2 Pieces Float Flange
5. Fountain Nozzle Hub
6. 2 X 25' Mooring Rope
7. Debris Net and Zip Ties
8. Operation Manual
9. 15,000 Pump
10. 4 Pieces M8 1" Machine Screws
11. 1 Plastic Locking Screw
12. Classic V Steel Plate

REVIEW COMPONENTS

1. Remove all components from packaging.
2. Inspect all fountain kit components for damage or missing pieces. Call us at 1-844-432-4303 if anything is missing or damaged.
3. Once it is determined that all components are undamaged, you are ready to assembly your Floating Fountain

1. 36" Float	2. Nozzle Quick Release	3. Nozzles x 3 (RAEF-0134 RAEF-0124)
4. Float Flange x2	5. Fountain Nozzle Hub	6. Mooring Rope x2
7. Debris Net and Zip Ties	9. BFED15000 Pump	8. Operation Manual
10. M8 1" Machine Screws x4	11. Plastic Locking Screw	12. Classic V Steel Plate (RAEF-0111)

PUMP AND FOUNTAIN SPECIFICATIONS	AEF15000
Pond Size (Surface Acres)	Up to ½ Acre
Range of Fountain Pattern Heights (Ft.)	6' - 14'
Range of Fountain Pattern Widths (Ft.)	8' - 32'
Minimum Operating Depth	24"
Max Flow (GPH)	15,000
Watts (120V)	624
Amps	5.2
Volts	120
Cord Length (Ft.)	100,150,200
Dimensions (L x W x H)	36" x 36" x 24"
Pump Weight (Lbs.)	12

FOUNTAIN ASSEMBLY

FIG 1 — Connecting Hub

1. Screw Fountain Nozzle Hub on to Pump
2. Then place Float over the top of the fountain and let it rest on the ground

FIG 2 — Attaching Float

1. Slide the 2 Flange halves around the hub
2. Lift Float and attach it to the hub using the 4 M8 1" Screws provided

FIG 3 — Attaching Nozzles

1. When using Classic V Nozzle place stainless Steel Ring onto the Nozzle Hub
2. Then place Classic V Nozzle on over the Steel Ring
3. Slip the Nozzle Quick-Release down over the nozzle and twist it to lock into place
4. Install the Plastic Locking Screw to the Quick-Release

6' Tall X 16' Wide — **Classic V**

14' Tall X 7' Wide — **Trumpet**

8' Tall Center Trumpet / 4' Tall X 32' Wide — **Lily**

QUICK DISCONNECT

1. Bantam 1/2 HP Fountain includes a Quick-Disconnect for easy installation and maintenance. Make sure connections are dry and tight
before submersing. Must be hooked up to GCFI.
2. When the cord is not in use, secure cap and attach a float locator. Use the MSVAC remote to control volume and timer (not Included).
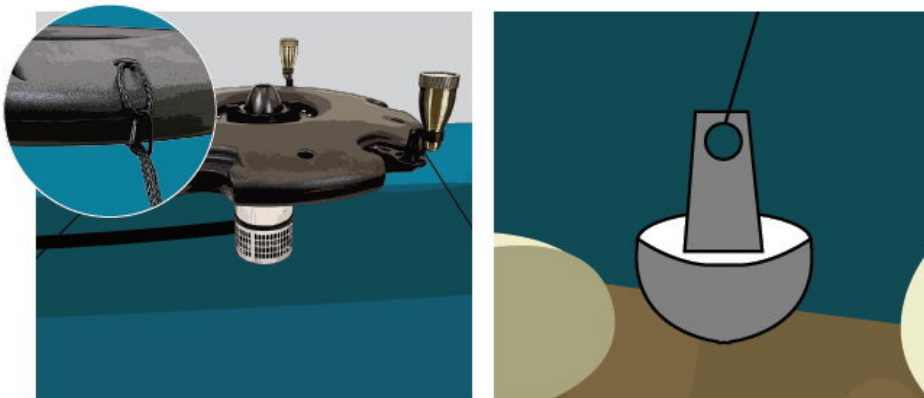
MOORING ROPE INSTALLATION

Attach mooring ropes and secure to anchors or weights. Place the anchors gently into the pond at opposite edges of the float. Set one anchor near the edge of the pond to make it easier to retrieve the fountain for servicing. Be sure to not use sharp rocks, as they can damage your liner. Make sure the ropes are secured to the float.
Important: Always retrieve the fountain using mooring ropes. Never retrieve with the power cord.
Position the floating fountain in the desired location and set the anchors. To keep fountain stationary, place the anchors 2' – 4' away from fountain for every foot of pond depth.

1. Securely attach mooring ropes to the fountain float. We recommend using a carabiner to make fountain-removal simple. After unhooking fountain, you can clip to a float so that you can easily find the mooring rope for reinstallation.

2. Use mushroom anchors or concrete blocks to hold the fountain in position You can also use stakes to secure lines closer to the pond edge so that a boat is not needed for fountain service.

3. Position the floating fountain in the desired location and set the anchors. To keep fountain stationary, place the anchors 2' – 4' away from fountain for every foot of pond depth.

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PRODUCT WARRANTY

Vertex Aquatic Solutions, a Rentokil Company will make sole determination if parts are defective and subject to warranty repair or replacement. If inspection indicates failure due to lack of required maintenance, failure to maintain adequate water depths or failure to maintain specified voltage, warranty shall be voided.

• "In water" fountain components (pump, motor, flotation, framework, nozzles, submersible cables, etc.): 4 years from original date of receipt
• Lighting fixtures (excluding bulbs): 2 years from original date of receipt
• Control panel: 1 year from original date of receipt
Warranty period on all warranty work is equal to the remaining time period of the original new equipment warranty.

EXCEPTIONS

• Damage due to freezing conditions are not a manufacturer defect and will not be considered for warranty.
• Foreign objects and/or debris within the fountain pump/motor assembly do not constitute defect and are thus not covered under warranty
• Vertex fountains are not warranted for use in salt and/or brackish water conditions

WARRANTY WILL ALSO BE VOID IF

• Fountain is dismantled
• Unauthorized repair has been performed
• Factory-supplied components or control panel has been altered
Vertex liability shall be limited solely to replacement or repair. Vertex is not liable for any consequential damages nor for any loss, damages or expenses directly or indirectly arising in connection with the purchase or use of the products.

**Warranty claims must be made to an Authorized Vertex Dealer or to
Vertex Aquatic Solutions at 1.844.432.4303**

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