



Trumpet



Classic



Crown & Trumpet

AIRMAX[®]

SolarSeries[™]
Floating Fountain
Owner's Manual
#654814

OWNER’S MANUAL FOR:

SolarSeries Floating Fountain



THANK YOU FOR CHOOSING
The Airmax® SolarSeries
Floating Fountain

TABLE OF CONTENTS

SECTION	PAGE
1 System Components	3-4
2 Safety	5
3 System Installation	5-15
A.) Tools Required	5
B.) Post Installation	6-7
C.) EasyMount Main Assembly Installation	7-9
D.) Solar Panel Installation & Grounding	9-12
E.) Disconnect Switch, Controller, and Fountain Power Cord Installation	13
F.) Fountain Set Up & Installation	14-15
4 Initial Start-Up	15
5 Maintenance & Winter Storage	15
6 Troubleshooting - Fountain	16
7 Replacement Parts	17-18
8 Warranty	19

See Video Instructions of the
Airmax SolarSeries Fountain
Installation Online



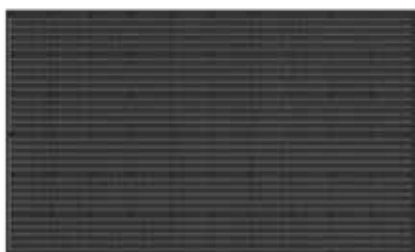
1. System Components

SolarSeries Fountain Components



SolarSeries Fountain
with power unit and float

SolarSeries Solar Panel Components



SolarSeries
Solar Panels (4)



MC4 Cables
(pre-wired leads on back
of each panel)

SolarSeries Power Cord w/strain relief cable attachment (Available in 100'– 300' Lengths)



SolarSeries Fountain Disconnect Switch & Controller Assembly



Spray Patterns (3 Included)



Trumpet

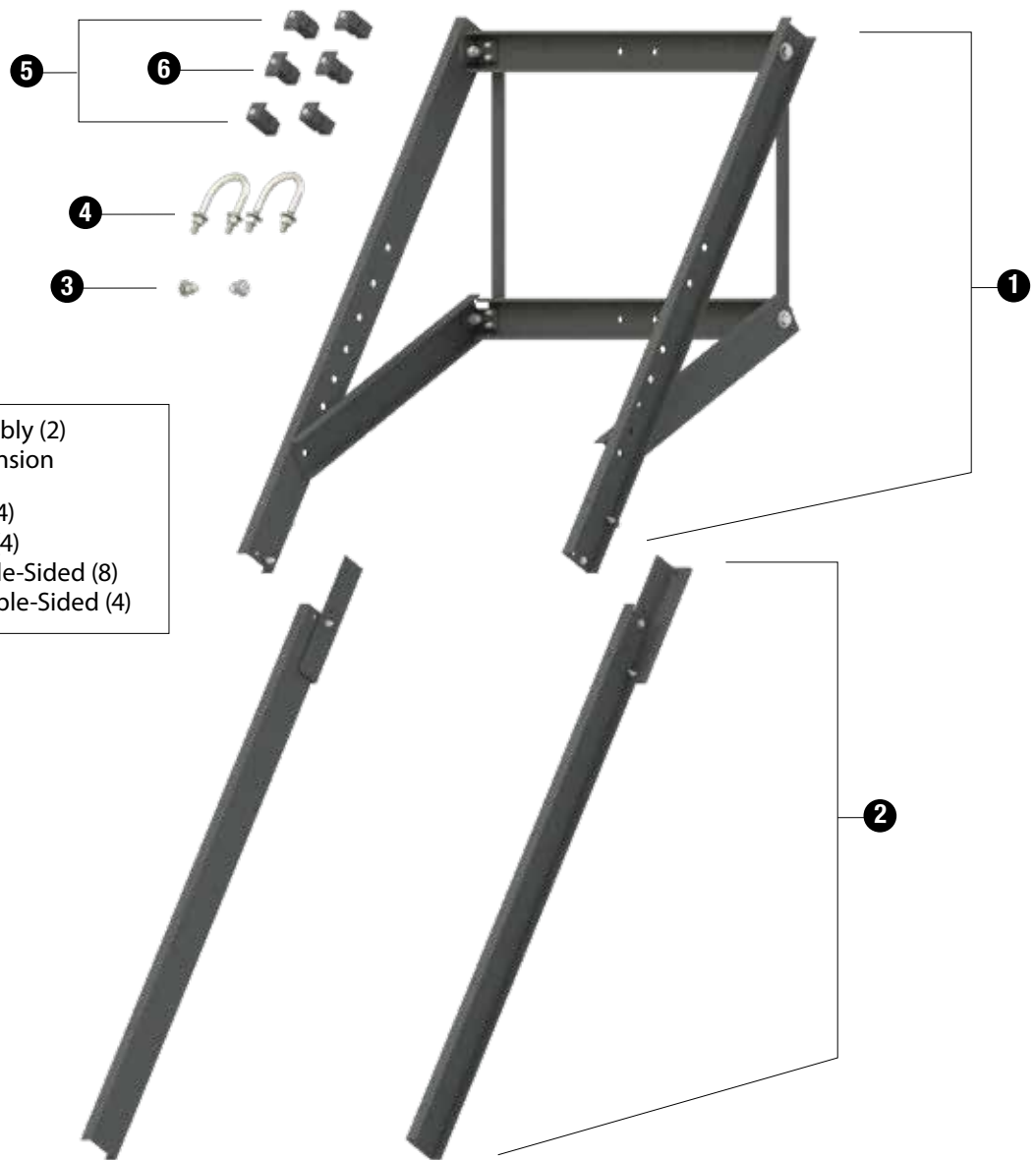


Crown & Trumpet



Classic
(No nozzle required)

Airmax EasyMount™ Assembly Components



- 1. EasyMount Main Assembly (2)
- 2. Panel Support Rail Extension with Hardware (4)
- 3. Tilt Support Hardware (4)
- 4. U-Bolts with Hardware (4)
- 5. Solar Panel Clamp, Single-Sided (8)
- 6. Solar Panel Clamp, Double-Sided (4)

Grounding Hardware



Grounding Wire
12' Grounding Wire (2)
8' Grounding Wire (1)



Grounding Lugs (4)



Ground Rod Clamps
1/2" Ground Rod Clamps (4)



Cable Ties (24)

2. Important Safety Instructions

- Read all assembly and operating instructions carefully.
- Under NO circumstances should anyone enter the water with the fountain plugged in and/or in operation.
- Warning – Risk of electric shock. This fountain is supplied with a grounding conductor. The fountain has not been approved for use in swimming pool areas.
- Do not modify the switch or controller wiring.
- Only use Airmax components provided.
- Never run the unit out of the water. It will damage the seals and create a dangerous situation for the operator.
- NEVER lift or drag the fountain by the power cord.
- During freezing temperatures, remove the fountain and store inside.
- If installing the fountain from a boat or raft, ALWAYS wear a Coast Guard approved personal floatation device.
- ALWAYS follow instructions provided in the manual for proper installation of electrical components.
- ALWAYS make sure your hands are dry before performing any maintenance or troubleshooting of the electrical components.
- Always turn the disconnect switch to the OFF position before removing the fountain for maintenance or storage.

- ALWAYS wait 48 hours between post installation and solar panel installation to ensure that concrete is properly cured.
- Avoid installation in windy conditions to prevent damage to solar panels or mounting hardware.
- Be sure to check for any local underground utilities before digging holes for solar mounting systems.
- Avoid installation in areas where solar mounting systems could come in contact with utility poles or wires.
- System must be properly grounded according to the procedure included in the installation instructions.
- Airmax is not responsible for equipment damage or failure, losses, injury or death resulting from failure to follow safety precautions, misuse or abuse of equipment.

⚠️ GROUNDING: This product must be grounded according to the procedures outlined in the installation section(s). Grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is supplied with a grounding wire and harnesses with appropriate grounding features.

⚠️ WARNING: Check with a qualified electrician or serviceman when grounding instructions are not completely understood or when in doubt as to whether the product is properly grounded. Do not modify the grounding equipment provided with the system.

3. System Installation

A) Tools & Hardware Required: *(Not included with system)*

TOOLS

- Post Pounder
- Sledge Hammer
- Post hole digger or auger
- Wheelbarrow
- Shovel
- Rake
- Step Ladder
- 1/2" Drill (cordless or electric)
- 1/4" x 6" drill bit
- 5/8" x 6" drill bit
- 3/16" Allen wrench
- 7/16" socket and ratchet
- 7/16" wrench
- 1/2" wrench
- 3/4" deep-well socket and ratchet
- 3/4" wrench
- #2 Phillips screwdriver
- #2 slotted screwdriver
- Tape measure
- Marker or pencil
- 4' level
- Cable cutters
- C-clamps or bar clamps (2 with a minimum 4" throat depth)
- Waders and Coast Guard-approved life jacket
- Compass (or smart phone with compass app)
- Cardboard/blankets/towels to block solar panel energy during installation)
- 10-15 gallons of cold water (bucket or hose)

**See Video Instructions of the
Airmax SolarSeries Fountain
Installation Online**



HARDWARE

- TWO 2-1/2" dia. x 10' (min) Schedule 40 Galvanized Steel Pole (2.875" O.D. / 2.47" I.D.)
- TWO 1/2" dia. x 8' copper grounding rods
- 4" (I.D.) Schedule 20 PVC pipe (recommended if burying fountain power cord between solar panels & shore - quantities will vary.
NOTE: Schedule 40 PVC pipe should be used if burying under a roadway)
- 1/2" dia. x 8" rebar (2) (recommended)
- Concrete bags - 60 lb (10) or 80 lb (8)
- 2 x 4 wooden block (6" - 8" long)
- 2 x 4 x 8' wooden studs for bracing posts during concrete cure time (4)
- 24" wooden stakes (4)
- 3" wood screws w/ appropriate drill tip (Torx, Phillips, etc)
- Airmax Mooring Kit (recommended)
- Electrical or duct tape

3. System Installation - Continued

B) Post Installation

- 1) Ensure that holes for the solar mounting pole will not interfere with any underground utilities.
- 2) Locate the system away from irrigation sprinklers.
- 3) Select a solar panel mounting location well above the high-water mark of the pond/lake with optimum southern exposure. Be sure that mounting location is clear of anything that may obstruct exposure such as trees & shrubbery, buildings, privacy fences, etc. (Fig 3).
- 4) Before marking out your two post-hole locations, be sure to establish a plane that is perpendicular to solar south (Step 4a). Solar south is determined by the pivot angle needed to achieve optimum southern exposure based on geographical regions. Establishing this plane will ensure both sets of solar panels can be installed so that one assembly does not interfere with exposure to the second solar panel assembly as shown in the overhead view (Fig. 4).

a) Offset from Magnetic South: Often referred to as magnetic declination, your east/west pivot is determined by the difference between magnetic south (compass) and solar south (true south/south pole). First, start by using the National Oceanic and Atmospheric Administration (NOAA) website below to determine your declination (Fig. 4A).

<https://www.ngdc.noaa.gov/geomag/calculators/magcalc.shtml>

Simply enter the site zip code in the **Location** field, click **Get & Add Lat/Lon**. Once the information auto-fills, click **Calculate** to find your declination. Be sure to note your latitude, as it will be used in a later step.

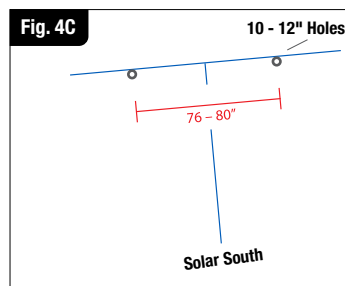
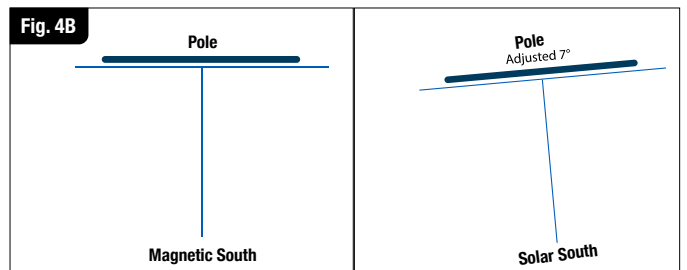
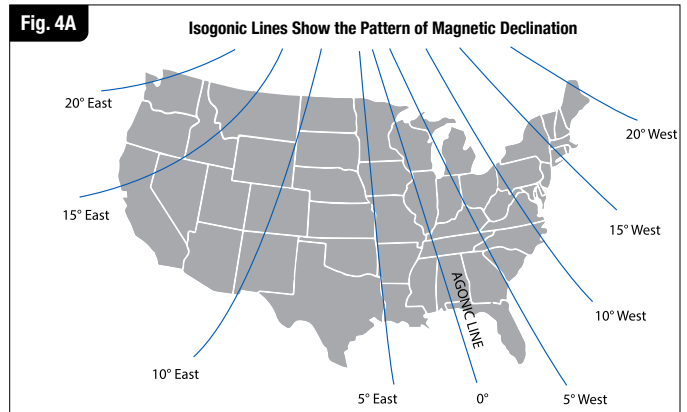
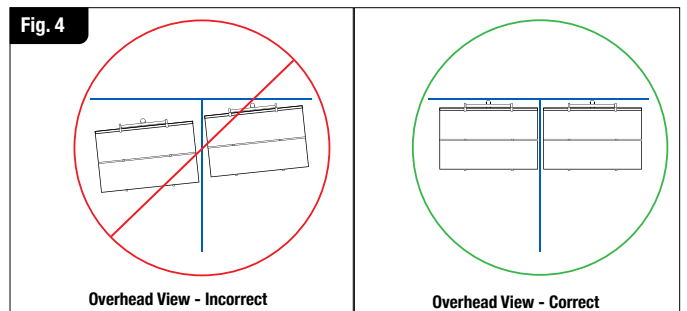
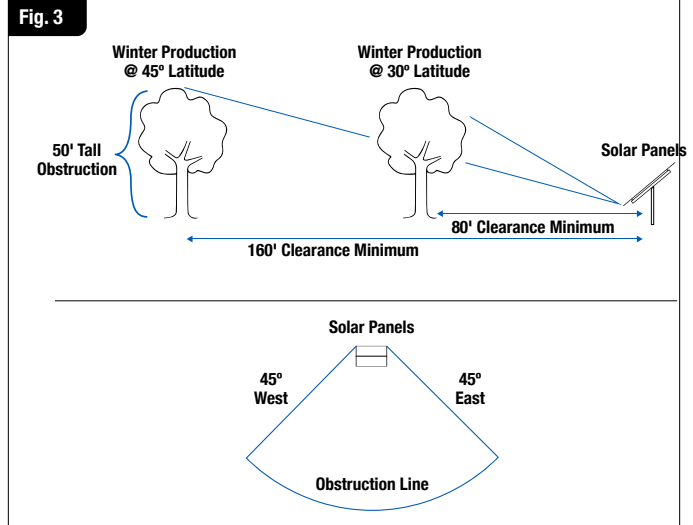
For example, zip code 48005 (Armada, MI):

Latitude = 42°, Declination = 7° 45' W.

b) Post Alignment: Lay one of the 10' galvanized poles on the ground and use a compass or compass app as a reference to position the pole perpendicular to magnetic south. Then pivot one end of the post in the appropriate direction based on your region. The image below (Fig. 4B) uses zip code 48005 as an example. Here we will pivot 7° west to account for the difference between magnetic south (compass) and solar south (true south).

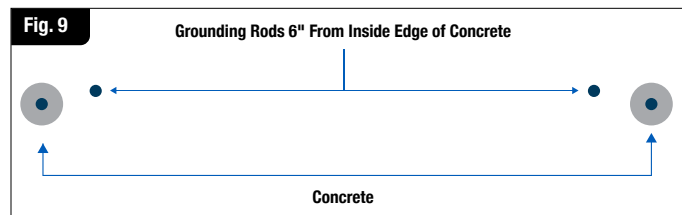
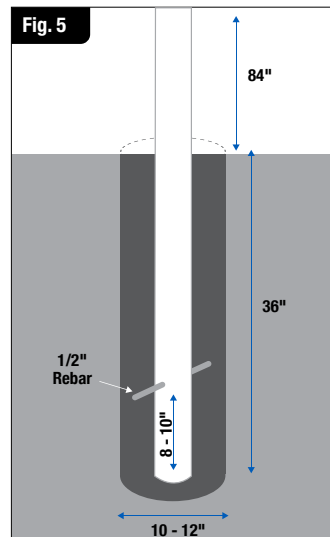
c) Post Spacing: Use a post-hole digger or auger to create TWO 10"–12" diameter holes along the line established in the previous step, 36" deep (min). This depth should leave you with approximately 84" above grade for your EasyMount Assembly. The posts should be approximately 76"–80" apart to leave 8"–10" between each set of solar panels (Fig. 4C). This spacing will help prevent human traffic that could potentially interfere with solar panel wiring.

Note: The hole can be bell-shaped at the bottom, but never at the top.



3. System Installation - Continued

- 5) Use a 5/8" drill bit to drill a hole through each pole 8"–10" up from the bottom (it may be helpful to pre-drill a pilot hole with a smaller drill bit first). Insert 1/2" rebar into each hole so that an equal amount shows out each side. Keep the rebar in place with electrical tape/duct tape or a zip tie to keep it centered until post is set. This step is important to keep the post from rotating in the concrete under high wind conditions. We also advise against use of pre-cut cardboard tubes inside the holes for the same reason; the use of such tubes can lead to the entire cylinder of concrete rotating under windy conditions (**Fig. 5**).
- 6) Mix concrete and water in wheelbarrow according to the manufacturer's specifications.
- 7) Place a post in the center of the first hole and pour concrete into the hole until it is 4"–6" inches below grade; keeping concrete slightly below grade will prevent curbing, which can lead to heaving during springtime frost in colder climates. Repeat for second post.
- 8) Plumb posts with a level and brace using 2x4 studs, clamps and stakes (recommended). **Allow a minimum of 48 hours' cure time before installing the Airmax EasyMount Assemblies and solar panels.**
- 9) Before moving on to the installation of the EasyMount system, drive an 8' grounding rod into the ground 6"–8" away from the inside edge of the concrete (**Fig. 9**), leaving approximately 6" exposed above grade. REPEAT for the second grounding rod. Grounding wire will be installed later in the grounding section of the installation procedure.
Note: Grounding rods can be driven below grade after the rest of the system is installed and properly grounded.
- 10) If burying the power cord between the solar panels and shoreline, the power cord should be run in 4" schedule 20 PVC pipe. If burying under a driveway or roadway, 4" schedule 40 should be used. Conduit should be buried 6"–8" below grade (**Fig. 10**). If conduit installation method is not needed, PROCEED to the next section.



C) EasyMount Main Assembly Installation

- 1) Using a pencil or permanent marker, mark the post approximately 3" down from the top on the south side.
- 2) If installing with one person, we recommend clamping a 2x4 block to the post at the 3" mark using a large clamp. This block will provide a shoulder/shelf for the upper beam of the EasyMount Main Assembly to rest on while installing the U-bolts in Step 3 (**Fig. 2**).
- 3) First, rest the EasyMount Main Assembly upper beam on your clamp/block and secure in place using the two U-bolts, washers, lock washers and nuts. Tighten one half turn past hand tight using a 3/4" deep-well socket wrench. Secure the lower pole mount beam with the second U-bolt and tighten one half turn past hand tight. Leave U-bolts loose enough to pivot the assembly when re-establishing solar south (**Fig. 3**).



3. System Installation - Continued

- 4) Next, pivot EasyMount Assembly in the desired direction to face solar south, based on the recommended angle for your region, and tighten all four U-bolts securely using a 3/4" deep well socket wrench.

Note: This is the same angle established in the previous section during post hole alignment.

- 5) Use the latitude of your region to set the optimal tilt angle (Fig. 5). Some smart phone compass apps will include your latitude and longitude on the screen, OR you can refer back to the NOAA website from the previous section to find your latitude.

a) Refer to the table for recommended tilt angle (Fig. 5A).

b) If you will not be running your system in winter months, then simply use your latitude as your reference point and set your tilt angle to the angle closest to your latitude (i.e. 42° latitude = 40° tilt angle setting).

c) If you plan to run your system all year, use your latitude and add between 10°–15° when setting your tilt angle to get optimum performance when daylight hours are at their shortest. For example, 42° latitude could be set to the 55° or 60° setting on the EasyMount support rail; this will give you the optimum tilt angle in winter months when daytime hours are considerably shorter.

Note: Airmax recommends leaving your tilt angle set for optimum performance during the winter months when daylight hours are reduced by nearly 50%. The solar panels will receive ample sunlight in the other seasons to effectively power the system even when adjusted for winter operation.

- 6) Next, remove the tilt support hardware from the temporary location on the support rail, and attach your tilt support strut to the appropriate hole in the panel support rail to set your angle. The angles below are based off the difference from the horizontal plane (Fig. 6A). Secure in place using the tilt support hardware provided. Tighten completely using two 3/4" wrenches. Repeat for the opposite side (Fig. 6B).

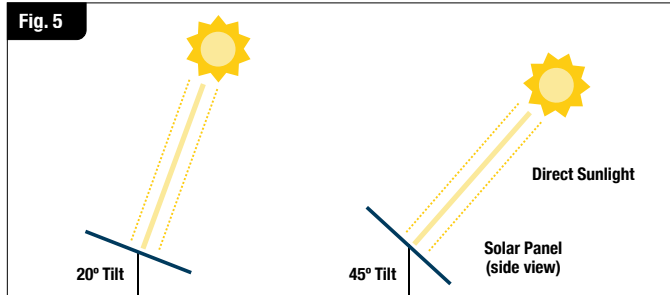
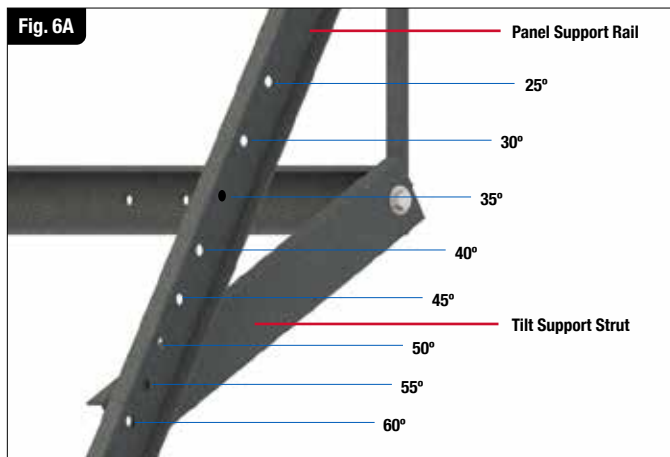


Fig. 5A

RECOMMENDED TILT ANGLE

Latitude	Tilt Angle Setting
0° to 19° (Vietnam – Thailand)	25° or 30°
20° to 25° (Hawaii – S. Florida)	35° or 40°
26° to 30° (S. Texas – N. Florida)	40° or 45°
31° to 35° (Mid-Texas – N. Georgia)	45° or 50°
36° to 40° (S. Nevada – New Jersey)	50° or 55°
41° to 45° (S. Idaho – Northern Michigan)	55° or 60°
46° to 50° (S. Washington – S. Canada)	60°
51° to 65° (S. Canada - Northern Alaska)	60°



3. System Installation - Continued

- 7) Continue by installing a panel support rail extension. First, remove the bolts, lock washers and nuts from the end of the rail extension connector to attach to the panel support rail. Tighten using one 7/16" wrench and one 7/16" socket wrench (Fig. 7). Repeat for the opposite side.



- 8) Lastly, tighten the four pivot bracket bolts using a 3/4" socket wrench (Fig. 8).
- 9) REPEAT Steps 1–8 for the second post and EasyMount Assembly.



D) Solar Panel Installation & Grounding

CAUTION: To prevent possible injury, cover solar panels with either cardboard, blankets, or towels to prevent any voltage transmission through solar panel cables during installation.

Avoid installing solar panels on windy days to prevent possible accidental damage to equipment.

- 1) First, position a single-sided solar panel clamp at the bottom edge of one panel support rail extension and tighten using a 7/16" wrench. Do not tighten the top hex bolt as you will need room to slip the bottom edge of the solar panel frame into the clamp (Fig. 1). Repeat for the second panel support rail extension.
- 2) Temporarily position a double-sided solar panel clamp at the joint between the support rail and support rail extension; hand tighten only at this time. (Fig. 2). Repeat for the second panel support rail extension.



3. System Installation - Continued

- 3) Next, position a single-sided solar panel clamp at the top edge of one panel support rail and hand tighten only (**Fig. 3**). Repeat for the second panel support rail extension.

Fig. 3



- 4) Position the first solar panel so that the wiring junction will face the interior, ensuring all junction boxes face the solar panels on the adjacent solar post mount assembly once completed. See orientation in (**Fig. 4**). Rest one panel on the two lower single-sided clamps ensuring that the face of the solar panel frame is beneath the clamp. Hand tighten each clamp.

Note: We recommend using two people when handling and installing solar panels.

Fig. 4



- 5) Next, loosen the double-sided clamp from the rail on each side. Then position the clamps so that they seat against the top frame of the solar panel. Secure clamps to the rail but leave the top hex bolt loose to allow for positioning of the next solar panel (**Fig. 5**).

Fig. 5



- 6) Position the second solar panel atop the double-sided clamps, making sure that the wiring junction box faces the same direction as the lower panel and hand tighten. Then slide the top two single-sided clamps down until they seat against the top frame of the upper solar panel. Secure the clamp to the rail with a 7/16" wrench, but leave the top hex bolts only hand tight (**Fig. 6**).

Fig. 6



3. System Installation - Continued

- 7) Use your tape measure to center both the upper and lower solar panel widthwise on the panel support rails. It should measure approximately 17-1/2" from panel support rail to the edge of the solar panel on each side. Once the panels are properly centered, secure all clamps using a 7/16" wrench but do not over tighten. Ensure that you have tightened all bolts securing the clamps to the rail as well as the upper bolts securing the solar panels in place (**Fig. 7**).
- 8) REPEAT Steps 1–7 for second set of solar panels.

Fig. 7



Grounding Your System

- 9) First, attach a grounding lug to the center grounding location of each solar panel using the screw and nut provided (**Fig. 9**). Tighten each using a Phillips screwdriver.
- 10) Feed one end of the 12' copper grounding wire through each of the solar panel grounding lugs and secure using a slotted screwdriver (**Fig. 10**).
- 11) Next, slide one ground rod clamp onto the opposite end of the 12' copper grounding wire. Loosen the bolt on the ground rod lamp, attach it to one of the upper U-bolts on the EasyMount assembly and secure in place, making sure the grounding wire is making good contact with the U-bolt. Be sure to leave some slack in the cable in case the solar panel tilt angle should ever be changed. (**Fig. 11**).

Fig. 9



Fig. 10



Fig. 11



3. System Installation - Continued

- 12) Feed the remainder of the grounding cable down the pole and attach in 3–4 places using the cable ties provided (**Fig. 12**). Be sure to run the grounding cable down the south side of the pole (facing the solar panels) so that it does not interfere with installation of the *Disconnect Switch* and *Controller Assembly* in Section E.
- 13) Next, feed the grounding cable through a ground rod clamp and temporarily secure in place on top of the grounding rod. Any excess cable can be cut and discarded, or it can simply be buried alongside the grounding rod.
- 14) REPEAT Steps 9–13 for the second EasyMount Assembly.



- 15) Finally, run the 8' grounding cable from the first to the second grounding rod. Loosen the ground rod clamp on one ground rod, feed one end of the cable into the clamp and re-secure to the ground rod. REPEAT for the opposite grounding rod. (**Fig. 15**).



3. System Installation - Continued

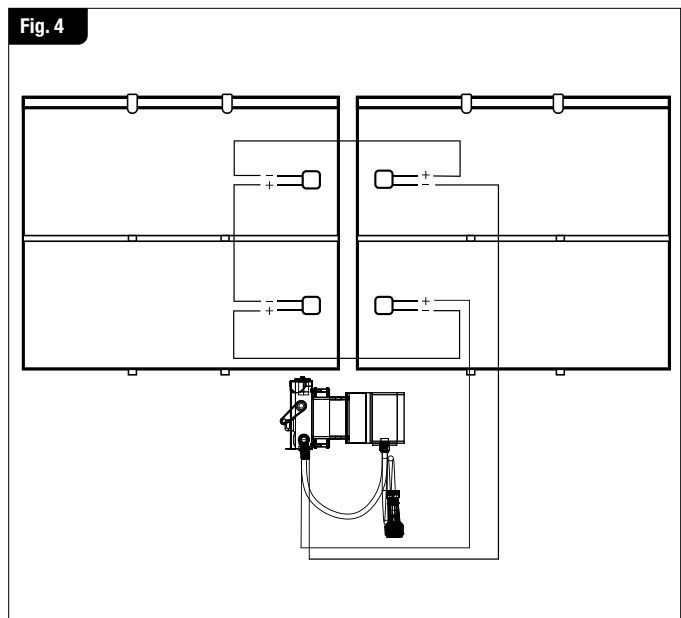
E) Disconnect Switch, Controller, and Fountain Power Cord Installation

- 1) Measure down 10"–12" from the bottom beam of the EasyMount Main Assembly and make a mark on the post. Then, use a 3/16" Allen wrench to remove the 4 bolts holding the controller and disconnect switch mounting brackets together.
Note: The Disconnect Switch & Controller Assembly can be mounted to either post.
- 2) Position the top of the disconnect switch mounting bracket at the mark, then attach the controller mounting bracket to the disconnect switch mounting bracket using FOUR Allen bolts (**Fig. 2A**). Secure in place using a 3/16" Allen wrench. When secured, the switch and controller should be parallel to the solar panels, making each easily accessible (**Fig. 2B**).
- 3) Be sure to leave the switch in the OFF position until after all wiring is complete and the fountain has been moored in the water.
- 4) Using MC4 cables and connectors provided, wire the four panels in series based on the diagram provided (**Fig. 4**), making sure to connect the negative lead from the first solar panel to the corresponding connector on the disconnect switch. Next, wire each subsequent panel so that the wire exits on the + and flows to the – on the next panel. The + terminal on the last panel will then provide the connection back to the corresponding connector at the shut-off switch.
Note: Solar panel cables are labeled with + and - symbols. Diagram shows the control panel on the 'right' pole. Flip wiring if control panel is mounted on the 'left' pole.

- 5) Use a rope or fish tape to pull the power cord through the pipe, from the shore to the solar panel mounting pole. Be sure to feed the correct power cord quick disconnect into the PVC pipe to ensure a proper connection to the controller whip.
- 6) The power cord disconnect can now be connected to the output side of the controller whip (**Fig. 6**).
- 7) We recommend using a cable tie to secure the power cord to the pole to serve as a strain relief and prevent any strain on the disconnect.

Recommended Final Grade and Surface Prep: To prevent possible damage to equipment during lawn maintenance AND to prevent vegetation growth from obstructing exposure, the immediate areas beneath and around your Airmax SolarSeries assembly can be prepped with ground fabric and finished with stone or mulch.

Note: We recommend using the zip ties provided to secure the MC4 cables to the solar panels. This will help prevent possible wear or chafing to the cable sheathing during windy conditions.



3. System Installation - Continued

F) Fountain Set Up & Installation

1) Choose Your Spray Pattern (Fig. 1)

- a) The SolarSeries fountain automatically creates the classic pattern without a nozzle installed. The SolarSeries includes two additional spray patterns (*Trumpet* and *Crown & Trumpet*).
- b) To change a pattern, simply unscrew the nozzle nut, replace the pattern and reinstall the nozzle nut (hand tighten only). We recommend removing the nozzle nut while displaying the classic pattern.

Note: If you are unable to perform installation of your SolarSeries fountain, please contact your Certified Airmax Service Technician and they can perform this installation for you.

2) Assembling the Unit (Fig. 2)

- a) Lay the float flat on the ground with Airmax logo facing up. Place the fountain pump assembly into the center of the float. Lift the float straight up and ensure that the fountain pump lead power cord passes through the center hole. Gently lay the fountain to one side.
- b) Securely attach the power cord to the fountain pump lead quick disconnect. Attach the power cord strain relief to the D-ring on the lower intake basket assembly.
- c) Attach a mooring cable (not included) using two outside mounting locations on opposite sides of the fountain float.

3) Installing the SolarSeries Fountain in Your Pond or Lake (Fig. 3)

- a) Pick up the fountain by the float and place it into the water.
Note: A minimum of 36" of water is required for proper operation.
- b) Tie one side of the mooring cable to a stake and drive the stake securely into the ground. Take the other stake and mooring cable and walk around the pond, carefully pulling the fountain across the water. Once the fountain is in position, tie the second mooring cable to the second stake and drive it securely into the ground.

Fig. 1

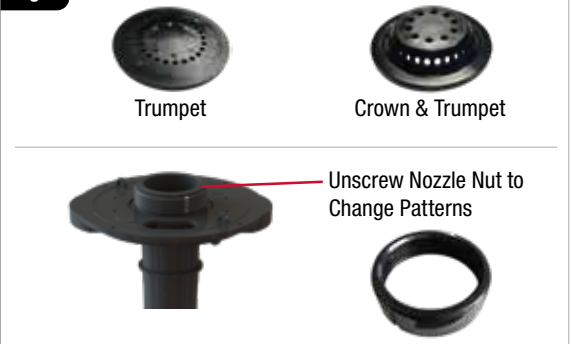
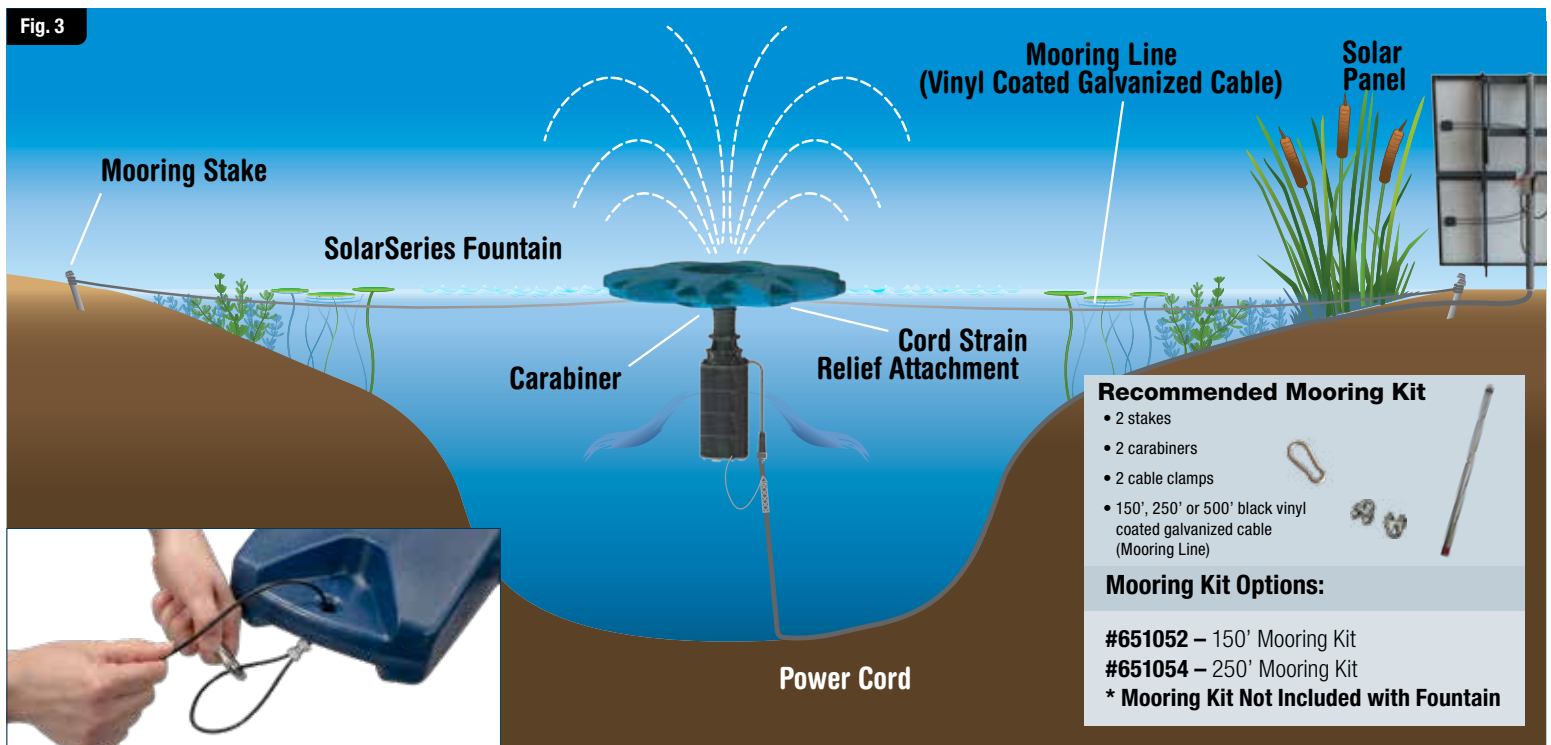


Fig. 2



Fig. 3



3. System Installation - Continued

- c) Ensure both mooring cables are snug to prevent the fountain from twisting and shifting during operation.
- d) Center Mooring Fountain (alternative): To anchor the fountain to the pond floor using blocks, spread the blocks far enough apart so the mooring lines are snug and the fountain cannot spin from the force of the motor, which could cause the lines to become tangled.
- e) At this time, after all connections have been made and the system has been properly grounded, you can test the fountain by turning the disconnect switch to the ON position.

4. Initial Start-Up

- 1) Depending on the quality of sunlight, a pattern should slowly emerge from the fountain.
Note: The Fountain takes approx. 10-15 seconds to start after powering on.
- 2) The height of each spray pattern will be entirely dependent on the time of day and the amount of cloud cover that is present. Each spray pattern will reach its maximum advertised height and width when solar panels are exposed to maximum sunlight. Fluctuations in pattern size throughout the day are perfectly normal and should be expected (**Fig. 2**).
- 3) If the fountain does not produce a pattern upon initial start-up, refer to the troubleshooting section in this manual.



5. Maintenance & Winter Storage

1) Maintenance

- a) Turn external disconnect switch to the OFF position before attempting any maintenance.
- b) Periodically clean the fountain intake screen of debris, algae, and/or aquatic weeds.
- c) Periodically clean solar panels with a damp, soft cloth. DO NOT use abrasive sponges or cleaners.

2) Winter Removal and Storage

- a) Remove the fountain from the pond before ice begins to form.
- b) Install the winterization cap provided with the power cord quick disconnect. The power cord can be coiled up either on the shore or in the water near the pond's edge after installing the winterization cap. We recommend keeping at least the disconnect out of the water to avoid damage from shifting ice.
- c) Fountain removal is the perfect time to clean or power wash any debris from the unit before storing.
- d) It is recommended to store the fountain and float indoors whenever possible.

3) Spring Installation/Inspection

- a) Before reinstalling the fountain in the spring, check the condition of the power cord and quick disconnect connectors, and replace any o-rings that may be cracked or missing.
- b) Contact your local Airmax Certified Repair Center for annual inspection, preventative maintenance and cleaning of the fountain motor assembly.

6. Troubleshooting

IF FOUNTAIN WILL NOT TURN ON

ISSUE	CORRECTION
Not enough sunlight	Check when sunlight exposure has improved
Power Cord Cut	Repair or replace power cord
Power turned off	Turn external disconnect switch to ON
Poor connection at MC4 cables	Check all connections between solar panel cables and disconnect switch
Not enough water in reservoir	Bring water level up to at least 36" at fountain
Fountain impeller stuck	Remove fountain, clean or replace impeller
Intake plugged	Clean intake

IF NOZZLE HAS POOR QUALITY STREAMS

ISSUE	CORRECTION
Intake plugged	Clean intake
Not enough sunlight	Check when sunlight exposure has improved
Debris caught in nozzle holes	Remove nozzle, clean, replace
Water coming over the float	Check fountain float for water
Spray pattern looks incorrect	Check O-Ring on discharge horn assembly

IF FOUNTAIN STARTS AND STOPS

ISSUE	CORRECTION
Intake plugged	Clean intake
Not enough water in reservoir	Bring water level up to minimum depth required

IF STREAMS RAISE AND LOWER

ISSUE	CORRECTION
Not enough water in reservoir	Bring water level up to minimum depth required
Water coming over the float	Check fountain float for water, replace if any
Changes in sunlight conditions	None

IF FOUNTAIN IS HUMMING - RUNNING

ISSUE	CORRECTION
Normal running	None

IF FOUNTAIN IS HUMMING - NOT RUNNING

ISSUE	CORRECTION
Intake plugged	Clean intake
Voltage not high enough for starting	Check when sunlight exposure has improved
Fountain impeller stuck	Remove fountain, clean or replace impeller

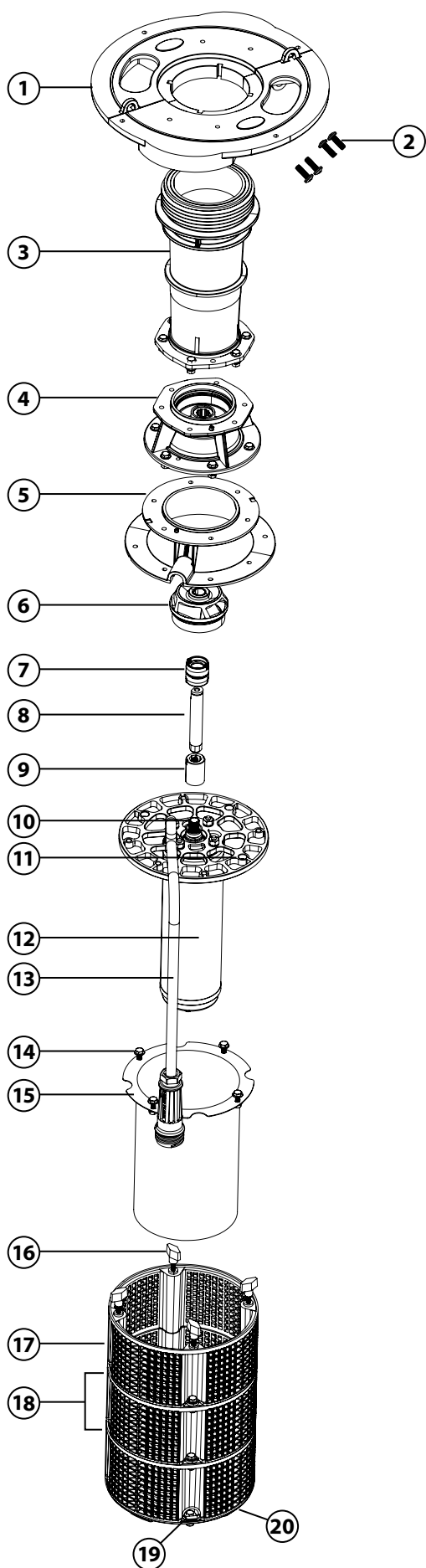
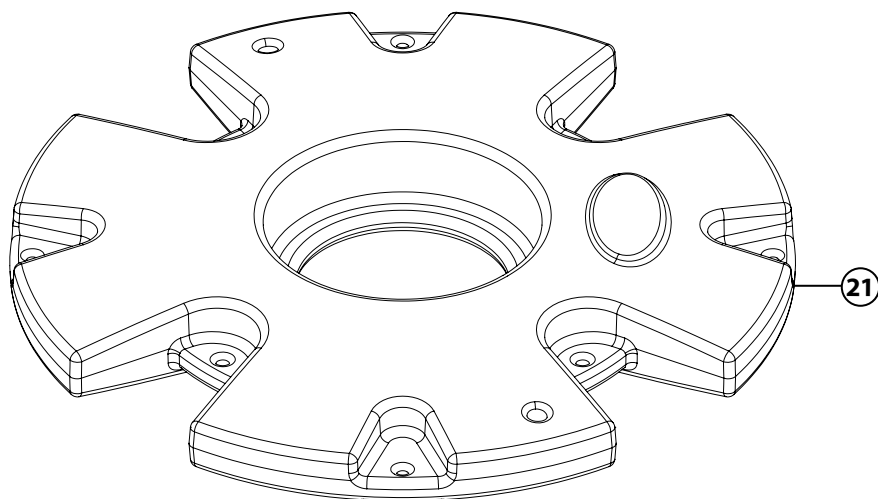
*** If your issue persists or is not covered in the troubleshooting guide above, please contact your Certified Airmax Service Technician to perform any troubleshooting measures you are uncomfortable with or are unable to perform yourself.**

7. Replacement Parts & Accessories

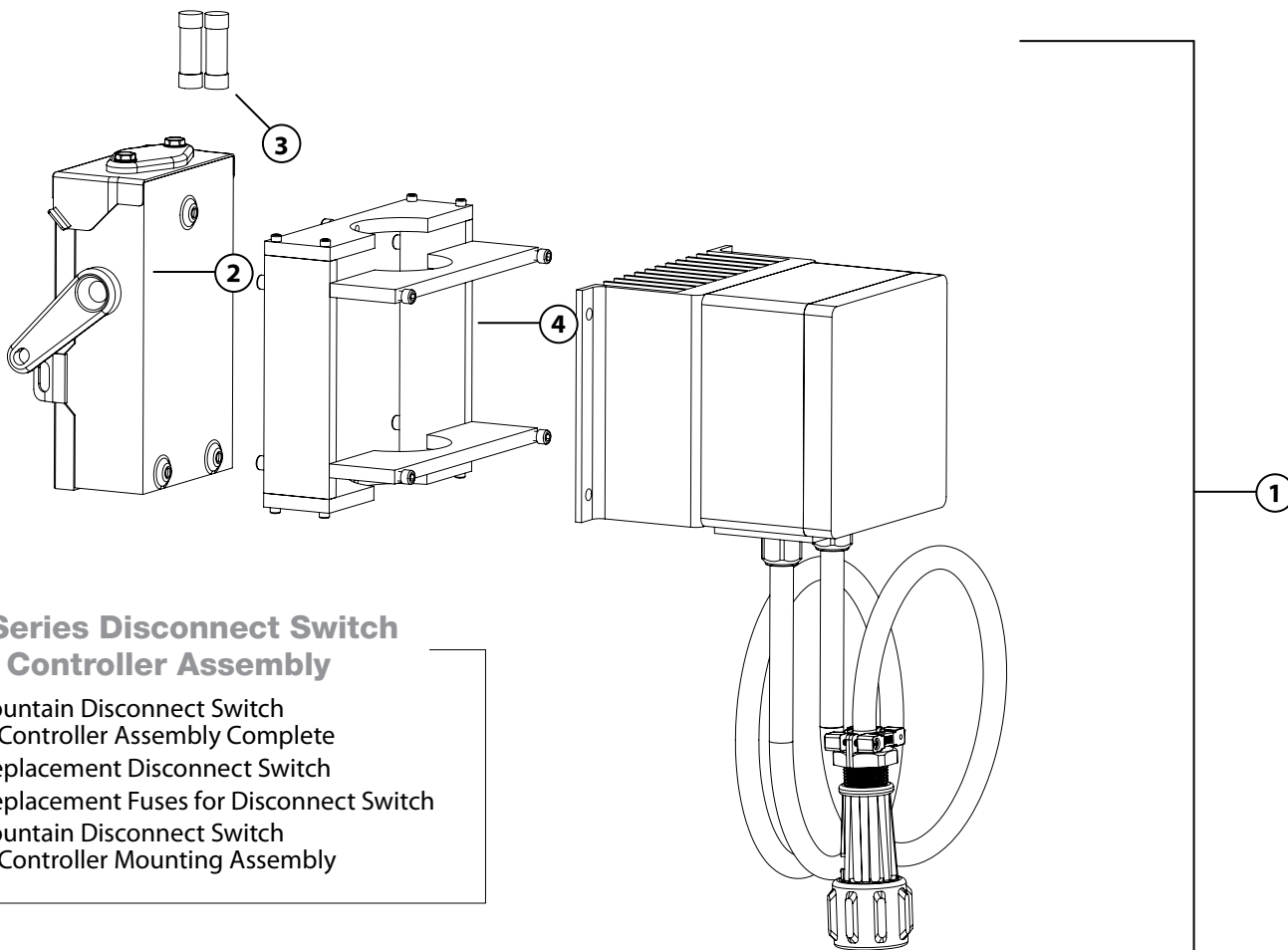
SolarSeries Fountain Replacement Parts

654815 Power Unit

1. 653100 Float Mount Ring Assembly, 12"
2. 651253 Float Mount Ring Hardware Assembly
3. 653102 Discharge Horn Assembly
- 3a. 653311 Discharge Horn Discharge Horn O-Ring, 4"
- 3b. 652163 Pump Screw Assembly (6)
4. 653103 Upper Shroud with Bearing Assembly
5. 651620 Lower Shroud, 4"
6. 653105 Impeller & Clip Assembly, 3/4 - 1 HP
- 6a. 651474 Spiral Retaining Ring
7. 653107 Thrust Bearing Assembly
8. 653215 3/4" Stainless Coated Shaft 1/2 - 1 HP
9. 653213 Stainless Shaft Coupler Assembly 3/4 - 5 HP
10. 652157 Sand Slinger Washer Assembly 3/4 - 5 HP
11. 232561 Sacrificial Anode
12. 654816 Motor Assembly 100v 3 PH
13. 651931 4-Pin Motor Lead with Disconnect, SolarSeries Only
14. 652162 Cooling Shroud Screw Assembly
15. 651861 Stainless Cooling Shroud Assembly, 1/2 - 3/4 HP
16. 651196 T-Knob Assembly
17. 653209 Intake Basket Assembly, 3/4 - 1 HP
18. 653112 Intake Extension with Hardware
19. 652219 Tie-Down Ring
20. 653111 Intake Bottom Plate with Hardware
21. 651500 Float, 34", Blue w/Airmax Logo

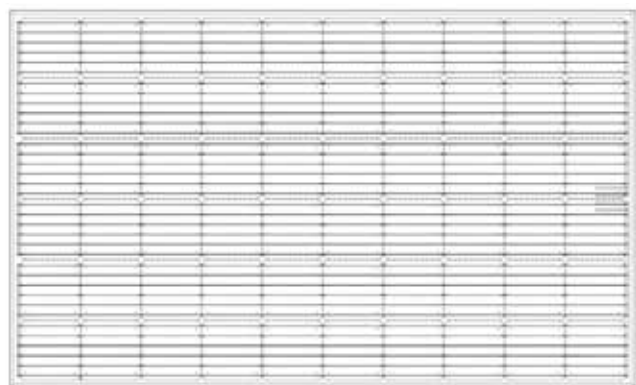


7. Replacement Parts & Accessories - Continued



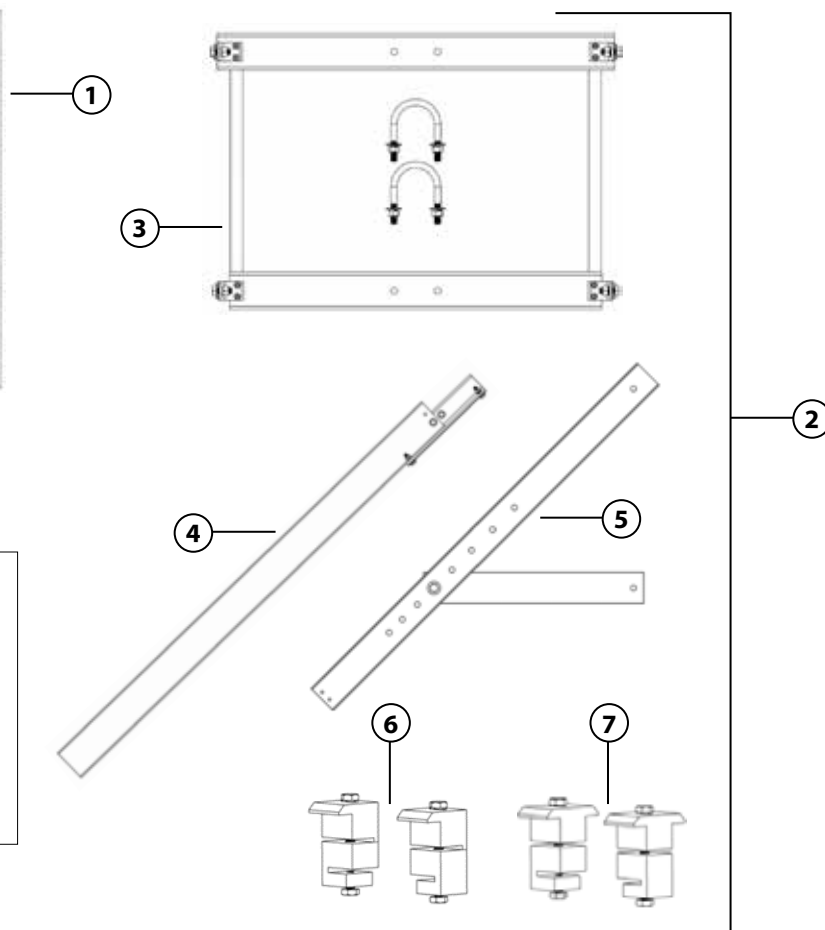
SolarSeries Disconnect Switch & Controller Assembly

1. 654817 Fountain Disconnect Switch & Controller Assembly Complete
2. 654812 Replacement Disconnect Switch
3. 654813 Replacement Fuses for Disconnect Switch
4. 654819 Fountain Disconnect Switch & Controller Mounting Assembly



SolarSeries EasyMount Assembly Replacement Parts

1. 653911 Solar Panel
2. 654117 EasyMount Assembly Complete
3. 654116 EasyMount Post-Mount Assembly
4. 654119 EasyMount Rail Extension
5. 654126 EasyMount Support Rail & Support Strut
6. 654127 EasyMount Single-Sided Clamp (2 pack)
7. 654128 EasyMount Double-Sided Clamp (2 pack)



Airmax, Inc.

Airmax SolarSeries Fountain

Limited Warranty

Airmax, Inc. warrants to the original purchaser (the end user) of any Airmax SolarSeries Fountain manufactured by Airmax, Inc. that any component which proves to be defective in materials or workmanship, as determined by the factory within 3 years (fountain, electrical components & mounting hardware) / 25 years* (solar panels) from the original purchased date, will be repaired or replaced at no charge with a new or remanufactured part, and returned freight prepaid. The end user shall assume all the responsibility and expense for removal, packaging, and freight to ship to Airmax, Inc. to determine the warranty claim and for all reinstallation expenses.

The warranty is void in cases where damage results from: improper installation, improper wiring, alteration, lightning, careless handling, misuse, abuse, disassembly of motor or failure to follow maintenance or operating instructions. Modification or repair by an unauthorized repair facility will void the warranty.

In no case will Airmax, Inc. or its dealers accept responsibility for any costs incurred by the user during installation, removal, inspection, evaluation, repair, parts replacement, or for return freight. Nor will any liability be accepted for loss of use, loss of profits, loss of goodwill, for consequential damage, or for personal injuries to the purchaser or any person.

In the event of problems believed to be covered under warranty, it will be necessary to notify the dealer who will try to help resolve the problem and who may contact the factory for additional assistance. If it is concluded that there may be a defect which may be covered under warranty, it will be necessary to get a Return Material Authorization (RMA) from the dealer before shipment. Freight collect shipments will not be accepted by the factory on warranties or repairs.

The product or part(s) must be returned freight prepaid, to the factory, as directed, and in its original packaging or in a container which will prevent damage. Parts returned under warranty and damaged during shipping will not be covered under warranty for the shipping damage. If the factory evaluation of the returned goods concludes that the failure is due to defects in materials or workmanship, the part or parts in question will be replaced under warranty with new parts, remanufactured parts, or will be repaired at the factory's option. The warranty period for all parts supplied under warranty will terminate at the end of the original product's warranty. All warranty shipments from the factory will be shipped freight prepaid.

Warranty registration is HIGHLY recommended.

No implied warranties of any kind are made by Airmax, Inc. for its products, and no other warranties, whether expressed or implied, including implied warranties of merchantability and fitness for a particular purpose, shall apply. Should an Airmax, Inc. product prove to be defective in materials or workmanship, the retail purchaser's sole remedy shall be repair or replacement of the product as expressly provided above.

The manufacturer's warranty will begin from the dealer's original purchase date if the product is not registered. To register a product, you are required to fill out the warranty registration form at airmaxeco.com/warranty. Warranty registration must be submitted directly to Airmax within 30 days of the end-user's purchase date.

*Degradation of solar panels not to exceed 2% in year one and 0.58% annually from years 2 to 30.



Crown & Trumpet Pattern



Optional Double Arch Pattern



Optional Double Arch & Geyser Pattern



Optional Single Arch Pattern

For Information on Spray Patterns,
Visit Us Online at airmaxeco.com

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