



INSTALLATION & OPERATION MANUAL

FOR ABOVE GROUND POOLS



Read all instructions before assembling or using the SunSplasher® system.

Retain this manual for future reference.



All SunSplasher systems are installed in multiples of two SP212 2' x 12' solar panels, so panels are always packaged two to a box.

If purchased as a bundle, systems will include a **Base Connection Kit** for use with the first two panels, and an **Add-on Kit** for each additional two panels used in the system.

Tools Needed:

- Scissors
- 5/16" Nut Driver (included in Base Connection Kit, Pt. no. 18108)

BASE CONNECTION KIT

Pt. no. 18108 / SKU BCK212-AG

- One kit required per system.
- Includes all required hardware to connect panels to pool using cuffed pool hose.

Pt. no.	Description	Qty
10134	Divertor Coupling	1
30304	Cuffed Hose Adaptor	2
60003-1	Panel Coupling Clamp	10
60571-1	End Cap	2
60690-1	Panel Coupling	3
60752	5/16" Nut Driver	1
60818	Cuffed Hose Clamp	2



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ADD-ON CONNECTION KIT

Pt. no. 18111 / SKU ACK212-U

- One kit required per two additional panels.
- Includes all required hardware to expand a SunSplasher system by two panels.

Pt. no.	Description	Qty
60003-1	Panel Coupling Clamp	8
60690-1	Panel Coupling	4



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SECTION 1: UNBOXING THE PANELS



Before You Begin:

- Take care when opening boxes of panels, so as not to damage the panels.
- Panels are tightly coiled; you may require assistance when uncoiling the panels.
- Ensure you have adequate work space to unroll the 12-ft long SunSplasher panels.
- After removing panels from the box, remove and discard the four black protective end caps.



1. With scissors, cut the white strapping. Take care, as panels are tightly coiled.



2. After separating panels, allow them to sit in the sun for 30 to 60 minutes. This will make unrolling the panels easier.



3. Unroll the panels, and lay them in the opposite direction they were rolled in.



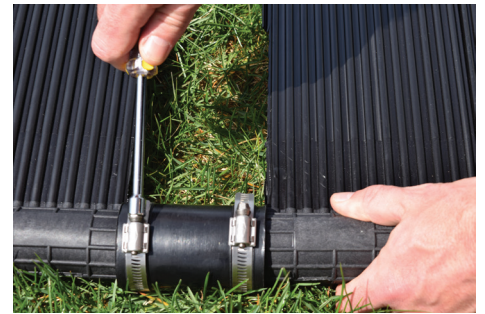
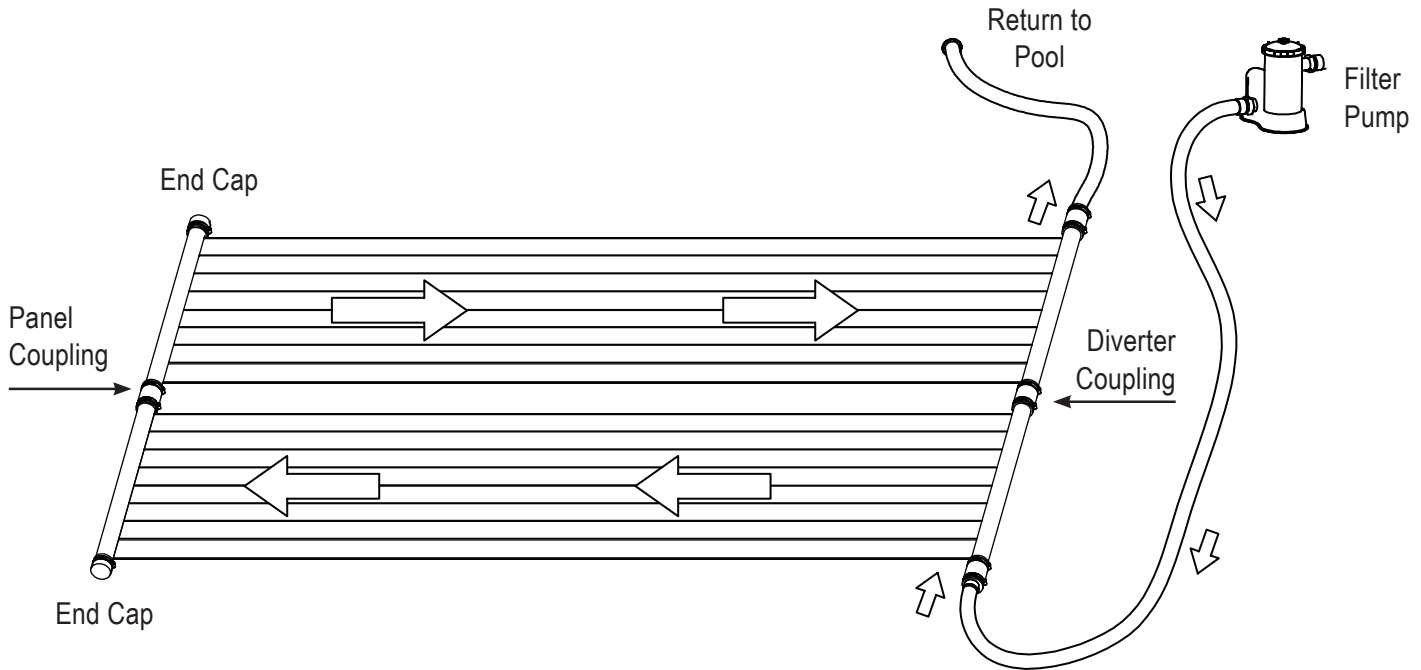
4. Allow panels to sit in the sun for 1 to 3 hours before making water connections.

SECTION 2: CONNECTING THE PANELS



Before You Begin:

- Coupling Clamps should always be located inside the two raised indicator ridges of the Panel Couplings, and should be hand-tightened only using the supplied Nut Driver.



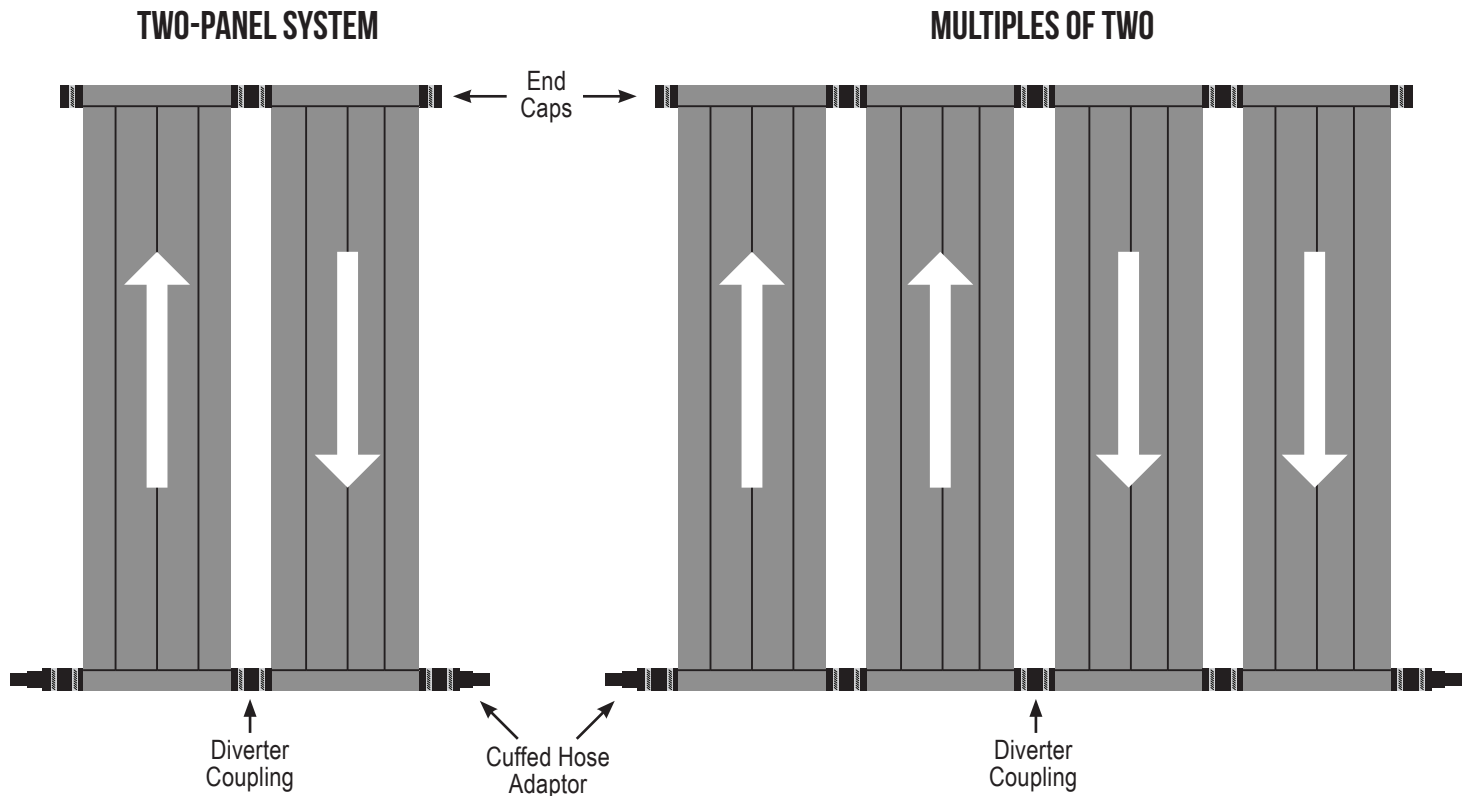
1. Lay the first two panels side-by-side with the serial number labels at the same end, facing up. This end of the panels will be closest to the filter pump.
2. Locate the **Diverter Coupling** (Pt. no. 10134) and connect using two (2) **Panel Coupling Clamps** (Pt. no. 60003-1).
3. At the opposite end, connect the two manifolds using one (1) **Panel Coupling** (Pt. no. 60690-1) and two (2) **Panel Coupling Clamps**.
4. If your system will have more than two panels, repeat step #3, ensuring Diverter Coupling remains located in the center of the system (see “Multiple of Two” diagram on page 5).
5. Once all panels have been connected, proceed to **Section 3: System Assembly**.

SECTION 3: SYSTEM ASSEMBLY



Before You Begin:

- Coupling Clamps should always be located inside the two raised indicator ridges of the Panel Couplings, and should be hand-tightened only using the supplied Nut Driver.



- Insert a **Cuffed Hose Adaptor** (Pt. no. 30304) into one end of a **Panel Coupling** (Pt. no. 60690-1), and secure it with a **Panel Coupling Clamp** (Pt. no. 60003-1). Repeat, so that you have two Coupling/Adaptor assemblies.
- Slide each open end of the Coupling/Adaptor assemblies over the labeled header ends; this should be the same side as the diverter coupling. Secure with Panel Coupling Clamps.
- Install two End Caps at the opposite end of the panels. Secure with Panel Coupling Clamps.

SECTION 4: CONNECTING TO THE POOL



The SunSplasher Above-Ground Base Connection Kit (Pt. no. 18108) includes two (2) Cuffed Hose Adaptors, designed to fit standard 1-1/4" or 1-1/2" cuffed flex hose.

1. Turn the pool pump off and ensure that the handle of the multi-port filter valve (if so equipped) is in the OFF / CLOSED position.
2. Plug the return fitting from the pool to prevent water loss.
3. Remove the flex hose from the return fitting of the pool, and secure it to the first **Cuffed Hose Adaptor** using a **Cuffed Hose Clamp** (Pt. no. 60818). This will serve as the feed to the collectors.
4. Connect another flex hose of sufficient length (not included) to the other **Cuffed Hose Adaptor** to serve as the return from the collectors to the pool.
5. Ensure all fittings and hose clamps are tightened, taking care not to overtighten.
6. Remove the plug from the return fitting and turn the handle of the multi-port filter valve (if so equipped) to the FILTER position.
7. Turn the pool pump on and closely examine each connection for leaks.



Your Sun-Swim® SunSplasher Solar Pool Heating System is now installed and ready to use!



FIVE-YEAR LIMITED WARRANTY

TERMS & CONDITIONS

1. COVERAGE

This warranty issued by Aquatherm Industries, Inc., hereinafter referred to as "AI", applies only to the first retail buyer on whose premises the equipment is initially installed.

2. FIVE YEAR LIMITED WARRANTY ON THE SOLAR COLLECTOR

AI warrants that its Sun-Swim SunSplasher brand of unglazed polymer solar collectors (also known as "solar panels") manufactured by it and purchased for use on swimming pools, spas, or hot tubs shall be free from defects in material and workmanship and will not fail from corrosion or from scale or deposits in the walls of its water passages for a period of five (5) years from the date of initial installation.

3. ONE YEAR HARDWARE WARRANTY

Additionally, AI warrants that all factory-provided couplings, coupling clamps, pipe adapters, strapping, end caps, vacuum relief valves, and stainless-steel mounting hardware (hereinafter referred to as "hardware") shall be free from defects in material and workmanship and will not fail from corrosion or scale for a period of one (1) year from the date of initial installation.

4. WHAT IS NOT COVERED BY THIS WARRANTY

- A. AI will not be responsible for your costs associated with the repair, removal, or installation for claims which are covered by this warranty.
- B. AI will not be responsible for your costs associated with the investigation or analysis of an alleged defect or any repair charges for claims which are not covered by this warranty.
- C. This warranty does not apply to solar collectors which, by AI's exclusive review and inspection, are determined to have not been installed and maintained in strict compliance with AI's installation and operating manuals and instructions and/or applicable ordinances or codes.
- D. This warranty does not apply to conditions resulting from misuse, neglect or accident, or to solar collectors or hardware which have been damaged by extraordinary or abnormal weather conditions or other cause, thing, person or act of God.
- E. This warranty does not apply to any solar collector which has been damaged by internal freezing, unless that damage is resultant of a defect in material or workmanship.
- F. This warranty does not apply to conditions resulting from attempts at repair or alteration by anyone other than a person designated by AI to do such repairs or alterations, or when non-factory authorized accessories or components are used.
- G. This warranty does not apply to any solar collector or hardware on which the serial number/date code marking has been altered, effaced, or rendered illegible.
- H. No particular level of thermal performance or savings in fuel costs is warranted.
- I. This warranty does not cover any component or part which is not supplied by AI.
- J. AI, its distributors, or its Dealers will not be liable for consequential damages such as damage to your house or property, inconvenience, loss of time or use of your solar heating system as a result of your use of the product or any breach of this warranty. Some states do not allow the disclaimer of consequential damages so this exclusion may not apply to you.
- K. AI shall not be liable for any implied warranties of merchantability or fitness for a particular purpose. The only obligations of AI are as set forth in this written warranty.

5. WHAT YOU MUST DO TO OBTAIN COVERAGE UNDER THIS WARRANTY

This is an upgraded warranty, requiring warranty registration online at www.aquathermsolar.com/register. In the event you do not register the purchase of your system within 30 days of installation, then Coverage in Section 2 is amended to a period of one (1) year from the date of initial installation.

You must notify AI and give the specific nature of the defect or malfunction within thirty (30) days from the discovery of any defect. Notice must be in writing or acknowledged in writing by the Dealer. Failure to provide notification within thirty (30) days after discovery of the defect may be deemed a waiver of the warranty in certain states. If you are unable to provide AI with proof of date of installation, the basis for determining warranty eligibility will be based on the manufacturing date of the solar collector or hardware.

6. WHAT A.I. WILL DO

If a collector defect becomes evident within the coverage period, AI will provide a repair method, or at its option replace the solar collector or hardware within a reasonable time and without charge for parts. AI will be responsible only for the cost of the replacement part; the consumer must return the defective part prepaid to AI. If the part is found to be defective, then AI will pay for shipping costs back to the consumer.

7. NO OTHER EXPRESS WARRANTIES

This warranty is compliant with the Magnuson-Moss Warranty Act of 1975 and is the only warranty that will be given to you. No other product warranty whether written or verbal, shall be binding on Aquatherm Industries, its Distributors or its Dealers. The relationship between the parties is that of buyers and sellers. Neither party shall have the right to bind the other contractually in any respect whatsoever nor be considered the agent or representative of the other.

8. WHAT TO DO IF THERE IS A QUESTION REGARDING THIS WARRANTY

Your satisfaction and good will are of primary concern to Aquatherm Industries. In the event a warranty matter is not handled to your satisfaction, please contact Customer Service at Aquatherm Industries, Inc. at (732) 905-9002 or by email at customerservice@warmwater.com