*P*ool *h*eating *D*istributors
The PhD's of Pool Heating

A Division of Solar Direct

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INSTRUCTIONS FOR REPLACEMENT AND RETURN OF SOLAR PANEL

Read complete instruction sheet before beginning.

1. Unpack the panel. **WARNING**: This box contains solar panels rolled up under tension. When removing, place box on side and remove one panel at a time. Use caution when removing, the panel may attempt to spring open into an un-rolled position and could cause injury if you or any item is struck by the panel. Two people should carefully cut the banding and unwind panel to release tension.

    As you unpack the panel, note how it was bundled. You will need to repack the defective panel for return to PhD. Once the panel is removed from box, it will likely remain in a slightly rolled position. To return the panel to a flat shape, place the panel in full sunlight. Begin to unroll panel and use a heavy weight (without sharp edges) in several spots to hold the panel flat or mostly flat. As the sun heats up the panel, its memory will return to a flat configuration. This process typically takes 30 to 60 minutes depending on how long the panel was boxed and the intensity of the sun. Exercise the warning above when unrolling the panel, until it has completely returned to a flat position. Carefully remove weights.

    The panels are assembled in four 1-foot strips, which are connected together with a tack weld. This is to hold the individual panels in place during shipping and handling until they are placed on the roof. In some cases, the tack weld will break apart during rolling, shipping or un-rolling of the panel. This is normal and does not in any way affect the integrity or performance of the panel.
2. Turn the pool pump off. Remove the hose clamps on the rubber couplings on each of the four corners of the defective panel, including the clamp holding the panel to the roof. Loosen the straps at the end of the row and remove the straps from the clips back to and including the defective panel. Lift one side of the panel up until the header pulls our of the rubber couplings. Pull the panel out of the other two rubber couplings on the opposite panel. Remove from roof.
3. Reverse step #2 to install the new panel. Be careful when moving the panel not to strike any sharp objects. After replacing the panel, tighten all clamps being careful not to over-tighten and strip.
4. Re-start the system and check for leaks. The hose clamps may need re-tightened after the system has filled and/or re-started several times.
5. Place the defective panel in the sun at least 30 minutes to allow it to warm up for easy rolling. The following step requires two people. Each person stands on opposite corners of the panel header. Lift the panel up and begin to roll it up like a rug, keeping it compressed. When finished, the diameter of the roll must be 19" or smaller for shipping. Tie or tape the panel in at least three places; each end and one or more times in the middle. Use packing tape, duct tape or twine. Place the panel back in the original box and re-tape. The box and/or the panel must be strapped to ensure that it does not expand.
6. After the panel is boxed and ready to return. Please ship it back to Solar Direct 5919 21st St E Bradenton FL 34203 by UPS or Fedex Ground.

NOTE: Note: If you would like to keep your Solar Pool Heater in operation while waiting on a warranty replacement panel you can take the panel off your roof and replace it with 2 sticks of 51"x1 ½" schedule 40 PVC pipe. Slide each pipe into the rubber couplings and tighten down the hose clamps to keep the pipe secure.

In the event the defective panel is not returned within fifteen days, an invoice for the full retail price will be applied to your account and/or charged against your credit card. Acceptance of the new panel will constitute authorization for charges. Any panel received after fifteen days will be issued as a credit against your account.

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