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SolarSheat 1500G, 1500GS Wall Mount Pictorial Installation

Phillips Residence

Location: North of Toronto - Muskoka Ontario Canada

The SolarSheat is a self contained heating system. **It needs no additional electrical or auxiliary power.** The SolarSheat will work when it is sunny outside. Approximately 50% of the time the sun shines in the winter. The SolarSheat is very easy to install and designed for long life. It requires between 1-3 hours to install and provides comfortable room heating from 500 to 1500 sq ft. (Depending on insulation/heat loss of the room or home). The SolarSheat weigh approximately 95 pounds and is heavy for one person. We recommend a helper to assist with the install.

1) Unpack and inspect the SolarSheat panel.



2) Find the location where the SolarSheat will be mounted. The location should be due south. You can use a compass or watch the sun strike your building during sunny

conditions. The SolarSheat will work best when facing south and you will maximize heating time.

3) Install bottom mounting bracket and place the template on the shelf of the bottom bracket. Please refer to owners manual for exact placement of the template. This is critical for getting the holes of the SolarSheat to lineup perfectly with the duct. This will allow for maximum performance.





4) Next use a core drill 5" or large drill bit to breakthrough the brick or siding.



5) Continue through the other side and make sure you don't have any wires or pipes.



6) Position the collars on the outside of the holes for the 1500G. If you are installing a 1500G then you will need to drill the bottom hole as well. The the template will allow for the this. If you are installing an additionally secondary panel 1500GS, then the second hole is drilled diagonally to the top hole. Use the template to position for the second diagonal bottom hole if necessary.

7) Install the bottom mounting bracket(s). One for the SolarSheat 1500G and the extra one if you are installing the 1500GS.

8) Drill the corresponding holes on the top side of the SolarSheat 1500G and 1500G both at the tops of each collector and bottoms to allow for side airflow. Refer to owners manual for hole placement. You can use a hole drill 1 5/8" diameter is preferable. Use the template included in the SolarSheat box. **Note: This is not necessary if you are just**

installing one 1500G SolarSheat. Remember to you're your safety glasses.





9) Cut and position the pieces of EPDM foam included with the duct kit above and below both sets of holes. This is for sealing the channel for airflow and will prevent the air from leaking into the rest of the SolarSheat channel. Refer to owners manual for foam placement.



10) Caulk around the collar if you wish to provide an air tight seal for the duct(s) when the SolarSheat collector(s) are laid against the wall. Position the SolarSheat with your helper on the first mounting bracket.

11) Drill a ¼ “ hole though the middle of the two ducts for the thermostat control wire. Fish the control wire on the back of the SolarSheat through the hole.

12) Mount the SolarSheat on the bottom bracket. You can determine where the top bracket fits now. Please refer to the owner’s manual for proper placement and fit of the SolarSheat onto the bottom and top mounting brackets. Place the top mount on top of the SolarSheat. You can now drill the hole through the bracket and the brick/siding behind it.

Note: We do not include wall anchors because of different types of walls. You can also use wall spacers(shown here) or a piece of 2 x 6 to mount the brackets of the wall if you want more stability on brick or if you have an uneven surface.



13) Screw in the wall anchors through the mount into the wall.

14) Screw the SolarSheat against the mount top and bottom with the self tapping tek screws included.

15) Repeat steps 12 through 14 for the 1500GS. The frame of the SolarSheat 1500GS overlaps the frame of the SolarSheat 1500G. Run a bead of silicone down the seam where the two SolarSheats overlap.



16) Cut away debris from the holes and pull control wire through to the inside. Measure the wall thickness and cut duct grill assemblies to match.





Congratulations! You are now ready to use your SolarSheat heating system!



Operating the SolarSheat

Set the control to the on position. Set your room temperature using the buttons up or down on the control. The SolarSheat will automatically start heating based on your temperature setting when the sun shines. The thermostat control and the sensor in the SolarSheat will turn on based on your temperature room control setting when the sun is shining.