

SunGrabber™

-Accessories-

Part Numbers 263 and 263-2 (Roof/Rack Mounting Kits)

Application: P/N 263 is required for mounting a single SunGrabber™ solar panels onto a roof or rack. P/N 263-2 is required for mounting a set of (2) solar panels on a roof or rack.

P/N 263 Kit Contents	
Quantity	Description
3	36" mounting straps
6	2" x 1/4" stainless mounting screws

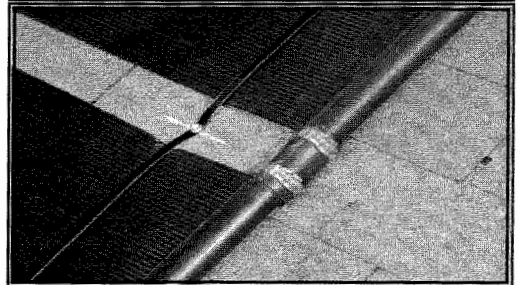
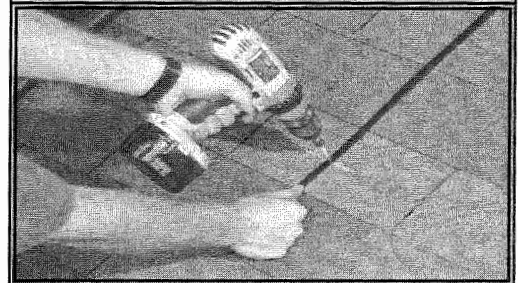
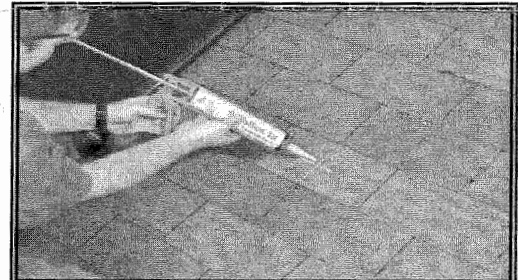
P/N 263-2 Kit Contents	
Quantity	Description
3	60" mounting straps
9	2" x 1/4" stainless mounting screws

Additional Parts Required: roofing mastic

Tools Required: cordless drill, 1/8" drill bit, 7/16" socket with drill adapter, marking pencil, tape measure

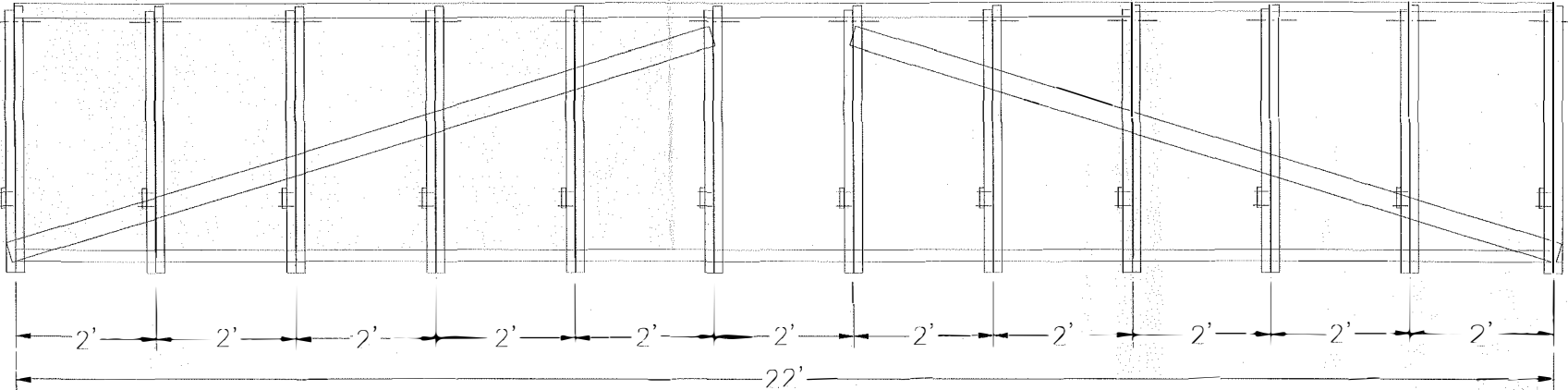
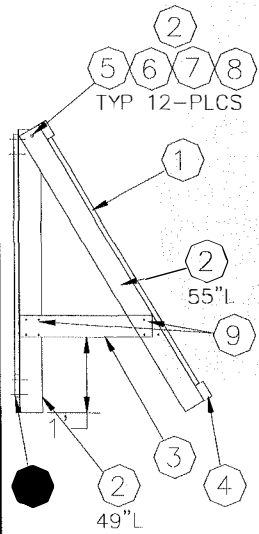
HORIZONTAL INSTALLATIONS ON ASPHALT SHINGLE ROOFS

1. It is assumed that you have been following the installation manual that came with your SunGrabber™ up until this point.
2. Determine the location of your panel(s). Lay out your system so that it declines slightly (about 1" of fall every 10') toward the bottom corner of the panel that feeds from your pool equipment. This is needed to ensure proper drainage for winterizing.
3. The three mounting straps provided should be positioned with one in the center of the panel, and one 5" in from each header. Mark the bottom row lag bolt locations. Position the first strap and drill an 1/8" pilot hole, remove strap, apply roofing mastic to the pilot hole, reposition the strap, and screw the lag bolt through the strap into the roof. Install remaining two straps the same way.
4. If this is a multiple panel system, connect all the panels using the rubber couplers and hose clamps provided with your system. Make sure each coupler is pushed on at least an inch past the raised ribs of the header adapters. Position hose clamps 1/4" from the end of the couplers and tighten.
5. Proceed following the procedure in Step 3 until all panels are installed.
6. Follow your installation manual that came with your SunGrabber™ to complete your installation.



Rack Mounting

The following drawing is provided as a suggestion for the construction of a rack for your solar system. SunGrabber™ takes no responsibility for the completeness of the drawing or the results of its implementation.



NOTES:

- 1.) ALL OF THE 1x4 BOARDS AND THE PLYWOOD ARE ATTACHED USING THE SCREWS.
- 2.) SECURE PANELS USING THE SUNGRABBER™'s ROOF MOUNT KIT.
- 3.) BACK LEG LENGTH CAN BE CHANGED TO VARY THE ANGLE AND TO FIT BESIDE THE POOL AS NECESSARY.

Caution: Solar collectors are often installed on the roof of buildings or residential homes. Unless you are familiar with working on roofs and have the proper ladders and safety equipment for such work, you should hire someone with the proper experience to do the installation. Failure to observe safe practices on a roof or other elevated structure may result in falling, leading to serious injury. When installing collectors on the ground, do not build a rack support that can allow children access to the pool.

item	qty	description
9	100	SCREW, GRABBER, CALV, 1" L
8	12	NUT, HEX, 3/8"
7	12	WASHER, LOCK, 3/8"
6	12	WASHER, FLAT, 3/8"
5	12	BOLT, CARRIAGE, 3/8", 5" L
4	7	LUMBER, 1x4x10'
3	3	LUMBER, 1x4x8' (CUT INTO QTY-12, 21" L)
2	12	LUMBER, 2x4x8' (CUT INTO 1 EA 49" L & 55" L)
1	3	PLYWOOD, 1/4" - 3/8" THK, 4' x 8'

<small>INFO AND KNOW-HOW HEREON ARE CONFIDENTIAL AND MAY NOT BE USED, REPRODUCED OR REVEALED TO OTHERS EXCEPT IN ACCORD WITH THE CONTRACT OR OTHER WRITTEN PERMISSION OF FAFCO INC. ANY REPRODUCTIONS IN PART OR WHOLE SHALL INCLUDE THIS NOTATION.</small>		DRAWN A. Holtz 3/22/05
MATERIAL	<h1>SunGrabber™</h1>	CHECKED
FINISH		APPROV
TOLERANCES FRAC: ± DEC: ± ANG: ±		SCALE None
DWG TITLE RACK, POOL	SYSTEM	SHEET OF
		DWG NO. 07366
		REV