



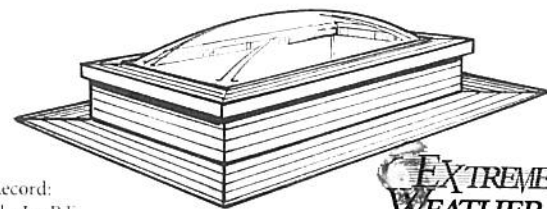
Sun-Tek Manufacturing, Inc.
10303 General Drive
Orlando, FL 32824
407 / 859-2117
www.Sun-Tek.com
CustomerService@Sun-Tek.com

INSTALLATION INSTRUCTIONS POLYCARBONATE SERIES

MODEL HSF

SIZES 3030, 3046, 3636, 4646

* For use on any type roof except metal



**EXTREME
WEATHER**

MIAMI-DADE
COUNTY

Engineer of Record:
James D. Wells, Jr., P.E.
Professional Engineer No. 53616

J & L Wells Consulting LLC
1453 Arbitus Circle
Oviedo, FL 32765
(407) 496-5489

Certificate of Authorization No. 27162

- sealant/mastic
- tape measure
- chalkline or straight edge
- trowel or caulk gun
- utility knife

RECOMMENDED SEALANTS:

- 100% Silicone
- Sealants approved for use on polycarbonate (contact Sun-Tek)
- STS 1000 (or equivalent) Butyl rubber sealant/caulk

SIZE INFORMATION				Fastener Schedule			
Size Code	Roof Opening	Finished Opening (Drywall Dimension)	Fits on Center Spacing	Frame to Deck #10 x 1" Pan Head Screws		Deco to Frame #6 x 3/4" Hex Head Self Drilling Screws	
				Long Side	Short Side	Long Side	Short Side
3030	30 1/2" x 30 1/2"	29 1/2" x 29 1/2"	16" or 32"	6	6	8	6
3046	30 1/2" x 46 1/2"	29 1/2" x 45 1/2"	16" or 32"	9	6	9	6
3636	36 1/2" x 36 1/2"	35 1/2" x 35 1/2"	16" or 32"	7	7	7	7
4646	46 1/2" x 46 1/2"	45 1/2" x 45 1/2"	16", 32", 48"	9	9	9	9

This item has been electronically signed and sealed by James D. Wells, Jr., P.E. on 11/11/2021 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Digitally signed
by James D
Wells Jr
Date:
2021.11.11
20:40:56 -05'00'

You will need:

- hammer
 - keyhole saw
 - skill saw
 - nails
 - drill
 - 2 x 4's
- For Light Tunnel:**
- 8 or 10 penny nails
 - plywood or drywall

FAILURE TO FOLLOW RECOMMENDED INSTALLATION PROCEDURES MAY VOID WARRANTY

Please read instructions completely before beginning. Deck and roofing felt should already be installed.

All installation information is supplied in good faith, but without recommendation to its use. No guarantee of the results of any use of this information is to be implied, since conditions of use are beyond our control. Please consult local building codes for compliance before installing.

1. Inspect skylight for damage before installing. Peel back protective plastic to inspect dome. If skylight is damaged, do not install. Please contact your supplier for information on a replacement.
2. To properly position skylight between trusses/rafters, locate the roof opening from the underside of the decking. Drill holes or drive nails to mark corners. (If this area is not accessible, locate the ceiling joists from inside the house, mark and cut opening in ceiling, then mark roof opening.)
3. Remove shingles 6 - 8" out from roof opening. Before cutting roof opening, check measurements against size chart. Snap a chalkline from corner to corner, or draw line with a straightedge, then cut roof opening.
4. Frame roof opening using 2 x 4's as headers - cut two 2 x 4's to fit the actual distance between trusses / rafters and nail into place.
 - a. If applicable, cut ceiling opening and build tunnel framing. See "Light Tunnel Installation Instructions."
5. Shingle up to the bottom of the roof opening.
6. Apply a 1/2" wide bead of caulking, set back 1" from the roof opening around the entire opening. Set a second 1/2" wide bead around the entire opening, set 1" back from the first bead. Sealant applied too close to the opening may "ooze" into the opening. Can also use 3" wide x 1/8" thick butyl tape, if compatible. Set 1/2" back from opening.
7. Set skylight over opening with the "THIS EDGE DOWN" label at the bottom of the opening. Screw into place through the pre-drilled holes in the flange with the #10 x 1" phillips pan head screws provided (See Fastener Schedule). Cover the head of each screw with sealant. Place a 1/2" bead of sealant at the outside edge of the flange up both sides and across the top. Place a second bead on the flange set 1" in from the first bead.
8. Shingle up sides and across the top. Place shingles as far in as possible, but be careful not to screw through the skylight flange.
9. The bottom flange will still be exposed: we recommend leaving it this way. However, if you decide to place a "false shingle" over it, be careful not to screw through the flange.
10. Interior Finishing: Run drywall (or other finishing material) up the inside face. The PVC lining has a white finish that is ready to install. There is no need to paint or stain.

