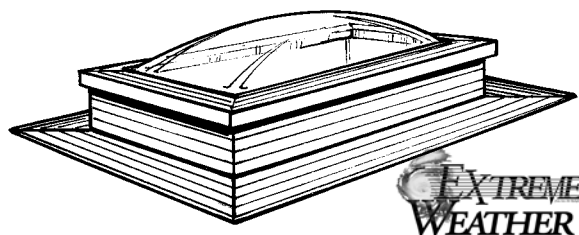




Sun-Tek Manufacturing, Inc.  
10303 General Drive  
Orlando, FL 32824  
407 / 859-2117  
www.Sun-Tek.com  
CustomerService@Sun-Tek.com

## INSTALLATION INSTRUCTIONS POLYDOME SERIES

### MODEL HSF



SIZE INFORMATION				Fastener Schedule			
Size Code	Roof Opening	Finished Opening (Drywall Dimension)	Fits on Center Spacing	Frame to Deck #8 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
1430	14½"x 30½"	13½"x 29½"	16"	6	4	6	4
1446	14½"x 46½"	13½"x 45½"	16"	8	4	8	4
2222	22½"x 22½"	21½"x 21½"	24"	5	5	5	5
2230	22½"x 30½"	21½"x 29½"	24"	5	6	5	6
2236	22½"x 36½"	21½"x 35½"	24"	5	7	5	7
2246	22½"x 46½"	21½"x 45½"	24"	8	5	8	5
3030	30½"x 30½"	29½"x 29½"	16" or 32"	8	6	8	6
3046	30½"x 46½"	29½"x 45½"	16" or 32"	8	6	8	6
3636	36½"x 36½"	35½"x 35½"	16" or 32"	7	7	7	7
4646	46½"x 46½"	45½"x 45½"	16", 32", 48"	8	8	8	8



#### 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

- 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 (Sun-Tek exclusive) Butyl rubber sealant/caulk

### 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 ½" wide bead of caulking, set back 1" from the roof opening around the entire opening. Set a second ½" 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 ½" 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 #8 x 1" phillips pan head screws provided (See Fastener Schedule). Cover the head of each screw with sealant.
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 of the curb. Slip the drywall up until it bumps against the ledge in the top of the curb.

