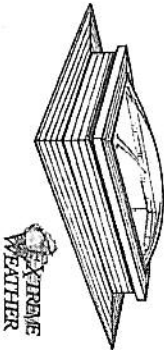


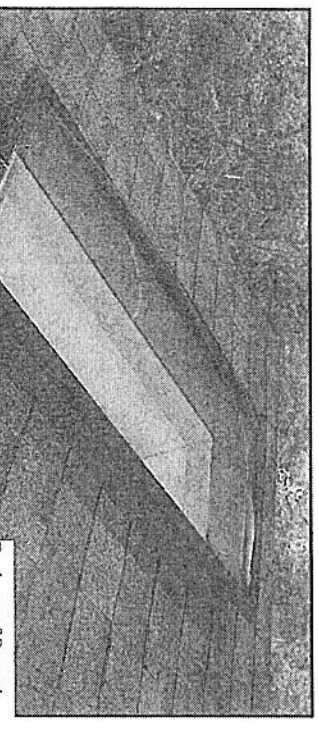
INSTALLATION INSTRUCTIONS
POLYDOME SERIES
MODEL HSF

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



SIZE INFORMATION			Fastener Schedule			
Site Code	Roof Opening	Finished Opening (Drywall Dimension)	Fix on Spacing	Long Side	Short Side	Decorative Frame Hardware
1430	146" X 306"	133" X 293"	16"	8	8	8
1446	148" X 456"	135" X 456"	16"	5	5	5
2222	220" X 220"	219" X 219"	24"	5	5	5
2230	220" X 306"	219" X 293"	24"	5	5	5
2236	220" X 361"	219" X 358"	24"	5	5	5
2246	220" X 461"	219" X 458"	24"	5	5	5
3030	301" X 306"	295" X 299"	16" or 32"	8	8	8
3046	301" X 461"	295" X 458"	16" or 32"	6	6	6
3056	361" X 366"	355" X 358"	16" or 32"	7	7	7
4646	461" X 461"	455" X 458"	16", 32", 48"	8	8	8

- You will need:**
- Hammer
 - keyhole saw
 - skills saw
 - nails
 - 2 x 4's
 - 8 or 10 penny nails
 - plywood or drywall
 - sealant/mastic
 - tape measure
 - chalkline or straight edge
 - towel or caulk gun
 - utility knife
- RECOMMENDED SEALANTS:**
- 100% Silicone
 - Sealants approved for use on polycarbonate contact Sun-Tek rubber sealant/caulk
 - STS 1000 (Sun-Tek exclusive) butyl rubber sealant/caulk



Engineer of Record:
 James D. Wells, Jr., P.E.
 Professional Engineer No. 53616
 J & L Wells Consulting LLC
 1453 Arbutus Circle
 Oviedo, FL 32765
 (407) 496-5489
 Certificate of Authorization No. 27162

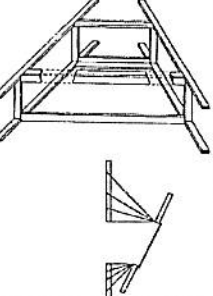
CLEANING YOUR SKYLIGHT:
 Use a mild glass cleaner (such as Glass Plus) and a clean sponge or soft cloth. Fresh paint splashes, glazing compound, etc. may be removed before drying by rubbing lightly with a soft cloth or cotton ball soaked in isopropyl alcohol.

DO NOT use abrasive or highly alkaline cleaners, ammonia, benzene, gasoline, acetone, or carbon tetrachloride. Do not clean skylight in bright sun or high temperatures. Periodic washing with a high quality, non-abrasive wax such as Mirror-Glaze will help maintain the good looks of your skylight.

LIGHT TUNNEL INSTALLATION INSTRUCTIONS

For homes with an attic, it is necessary to build a tunnel between skylights and ceiling. The tunnel walls may be straight, or flared for extra light and architectural appeal. It's very easy to increase the tunnel size along the length of the ceiling joist. As long as no roof-supporting members are cut, no special framing is needed. While it is possible to flare the tunnel in all directions, if support members are cut, special framing will be required for structural support. In this case you must consult a qualified building professional to insure proper and safe results.

- 1 After roof and ceiling openings have been framed, measure distance (at each corner of roof opening) between rafter/truss and ceiling joist.
- 2 Using these four measurements, cut 2 x 4 lumber for vertical support members (two per corner).
- 3 In each corner, nail vertical support members into place at tight angles, to each other.
- 4 Measure, cut, and nail tunnel walls into place. Suggestions for framing tunnel:
 - use drywall, tape corners, and paint white using regular or texture paint. (Texture paint alone will hide and fill unsealed joints, but in time, cracks may appear in corners.)
 - use prefinished paneling with molding in corners.
 - line the tunnel with cedar, pine, or a wood to coordinate with your decor.
 - for special effects, try painting the tunnel a striking accent color, or use mirrors or wallpaper on tunnel walls.
- 5 Caulk the slight gap between the tunnel walls and skylight base.
- 6 Finish off tunnel at ceiling with molding, or blend edges into ceiling with texture paint.
- 7 Be sure to wrap the exterior of the tunnel with insulation for energy savings.



POLYDOME SKYLIGHT LIMITED WARRANTY

Sun-Tek Manufacturing, Inc. ("Sun-Tek"), 10303 General Drive, Orlando, Florida 32824, (407) 859-2117, warrants that Skylights and Floating Ceilings and sealant/mastic, "Warranty Components", shall be free from defects in materials and workmanship for a period of ten (10) years on a single set and ten (10) years on all other Sun-Tek skylights and floating ceilings. This warranty applies to Sun-Tek skylights and floating ceilings that are installed in accordance with the Sun-Tek installation instructions. This warranty does not cover any other skylights or floating ceilings that are installed in violation of the Sun-Tek installation instructions or any other skylights or floating ceilings that are installed in violation of the Sun-Tek installation instructions.

The warranty applies to Sun-Tek skylights and floating ceilings that are installed in accordance with the Sun-Tek installation instructions. This warranty does not cover any other skylights or floating ceilings that are installed in violation of the Sun-Tek installation instructions or any other skylights or floating ceilings that are installed in violation of the Sun-Tek installation instructions.

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.

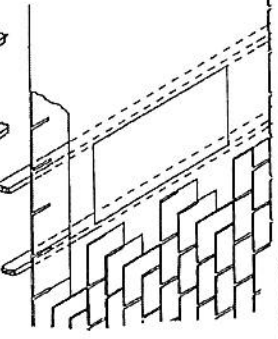
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FAILURE TO FOLLOW RECOMMENDED INSTALLATION PROCEDURES MAY VOID WARRANTY

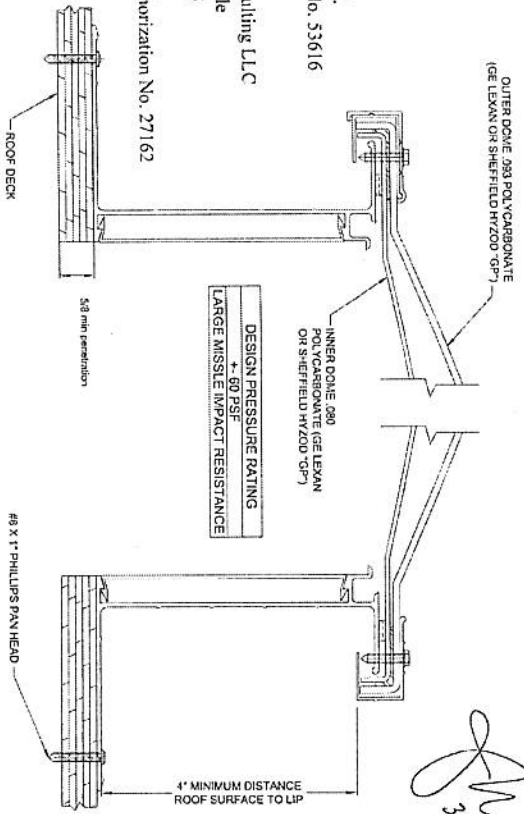
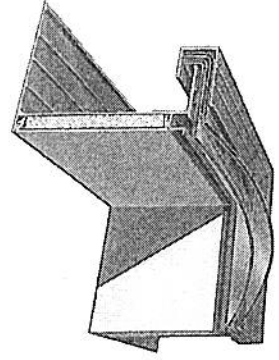
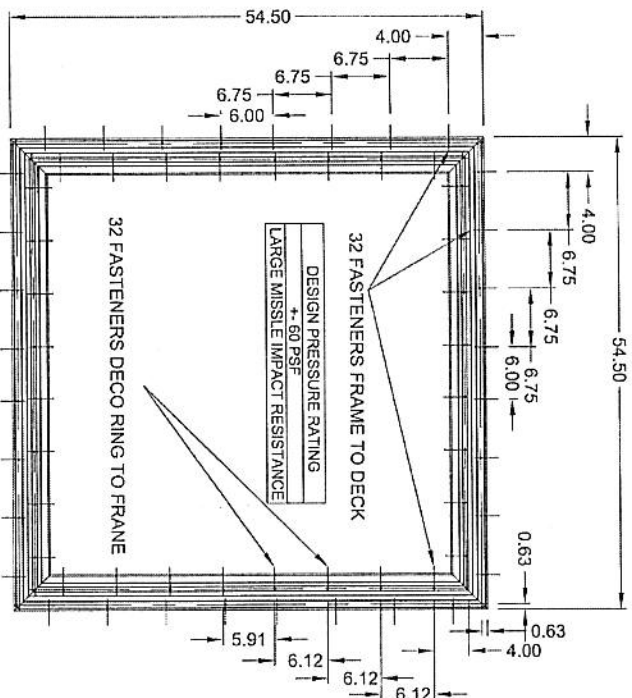
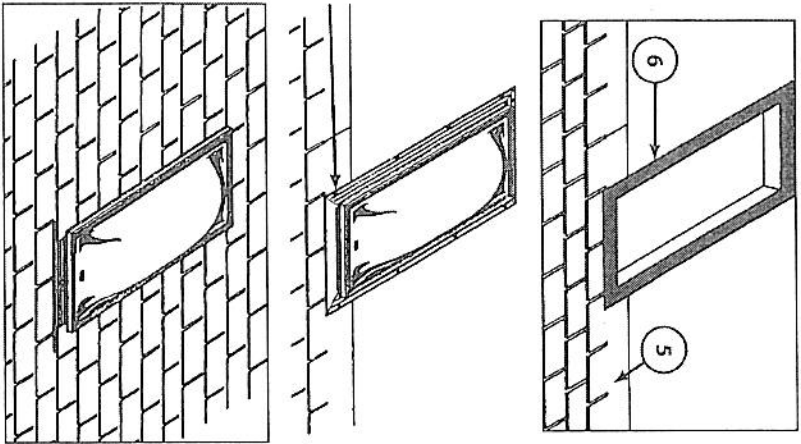
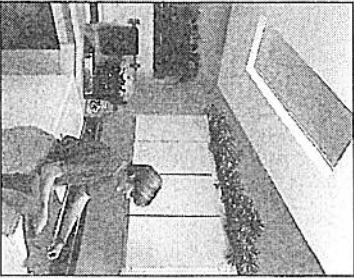
Please read instructions completely before beginning. Deck and roofing felt should already be installed.

- 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, 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."

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- 5 Shingle up roof to bottom of 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 5/8" thick butyl tape, if compatible; set 1/2" back from opening.
- 7 Set skylight over 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 Now shingle up sides and across top. Place shingles, as far in as possible, but be careful not to nail through skylight flange.
NOTE: DO NOT put additional sealant on top of the flange. Place a large bead around the outer edge of the flange.
IMPORTANT:
Bottom flange of skylight MUST go on top of shingles.
- 9 Bottom flange will still be exposed; we recommend leaving it this way. If you decide to put a "false shingle" over it, be careful not to nail through skylight flange.



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JM
3/11/12