

# THANK YOU FOR PURCHASING THIS QUALITY PRODUCT!

## READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING!

**LOW PROFILE ROOF MOUNTS** ARE SUITABLE FOR PITCHED ROOFS WITH SHINGLE, FLAT TILE, FLAT METAL, RUBBER, ROLLED ROOFING AND FOAM ROOFING. THIS DESIGN WILL NOT WORK ON A FLAT (NO PITCH) ROOF.

**THIS SET OF INSTRUCTIONS IS FOR A SHINGLE ROOF. ANY OTHER ROOF TYPE, YOU SHOULD CONTACT A ROOFER OR CONTRACTOR**

**PLEASE BE VERY CAREFUL! SHEET METAL HAS SHARP EDGES.**

1. Determine placement of the **TUBULAR SKYLIGHT™** taking care not to place it under a ridge or a valley on the roof. The location of the **TUBULAR SKYLIGHT™** should be placed so as not to cast your shadow on the area where you will need the light in the room.
2. Insert a pencil in the enclosed PVC compass
3. Check the length of pipe needed by measuring from the ceiling to the roof plus 3 inches. The best way to do this is to take a probe, (coat hanger or wire) push it up through the ceiling at the location where the **TUBULAR SKYLIGHT™** is to be placed

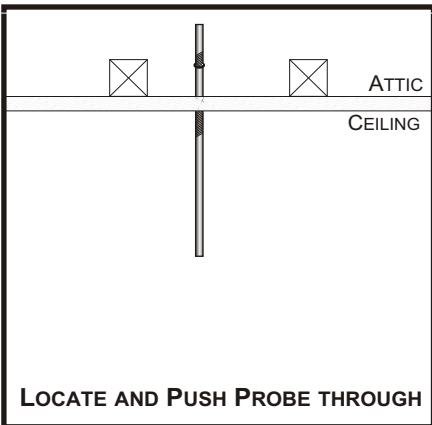


Figure 1

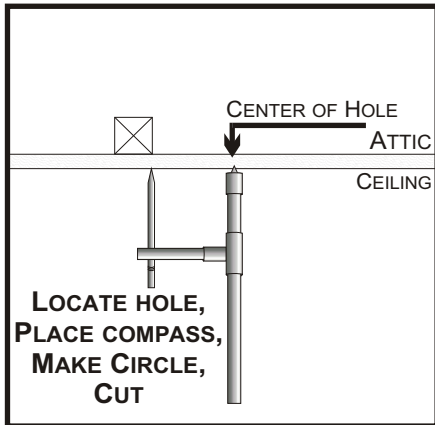


Figure 3

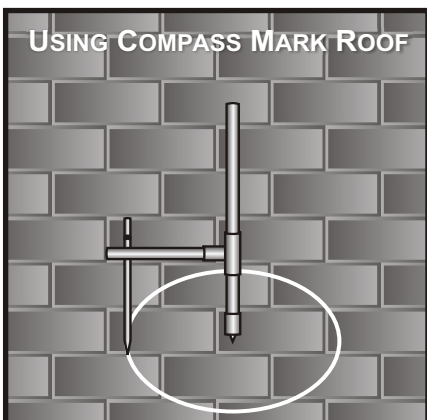


Figure 5

**(Fig. 1).** Now go in the attic and locate the probe, measure this area. Also you need to check that the area is clear of any ducts or pipes. Clear away the insulation from around the probe. Take note where the ceiling joists are in relationship to the probe. Return to the living area of the home.

**4.** Locate the ceiling joist. The side of the pipe will attach to this ceiling joist. With a drywall saw cut through the ceiling to the ceiling joist **(Fig. 2)**. Use the enclosed compass to locate the center of the hole for the pipe **(Fig 3)**. Using the compass (keep the center of the compass straight up and down) draw a 5 1/2" inch, 8 inch or 13 inch circle on the ceiling. (Depending on the kit you have). If the ceiling is vaulted, keeping the compass vertical, the compass slides up and down on the center pipe creating an elliptical circle. Proceed by cutting the ceiling hole.

**5.** Now that the ceiling hole is cut, you will need to locate the roof hole center point to be cut. Plumb from the hole in the ceiling either with a level or a plumb line up to the roof boards and mark the spot **(Fig. 4)**. Drill a small hole up through the roof. It may be necessary to push a probe up through the hole to help you locate it

**6.** Locate the roof hole center point on the roof. Using the compass, draw a circle **(Fig 5)** the right size for your unit (8" compass hole for the 5 1/2", 13" compass hole for 8" unit or 17" compass hole for 13" unit). Hold the compass vertical. The circle will be oval on a pitched roof. Cut with your reciprocal saw **(Fig. 6)** through the roofing and roof boards. It may be necessary to drill a pilot hole to start your cut. Take care not to let the cutout drop through to the ceiling. It can damage your ceiling. You will need to cut the shingles about 1" more than the hole, this should give you room to insert the screws and rubber washers in the holes in the dome. (It may be necessary to remove some of the shingles on the top side of your hole). Now slide the dome under the shingles, taking care as not to damage the black paper under the shingles **(Fig. 7)**.

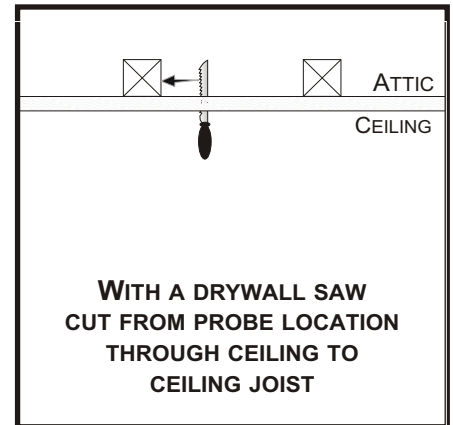


Figure 2

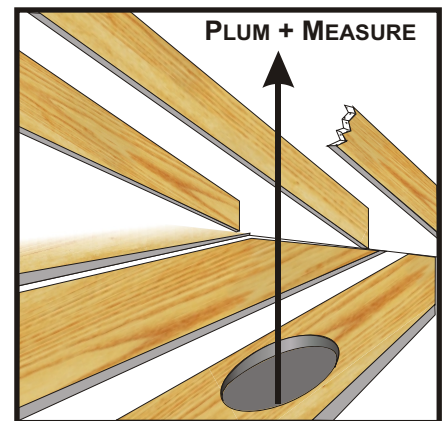


Figure 4

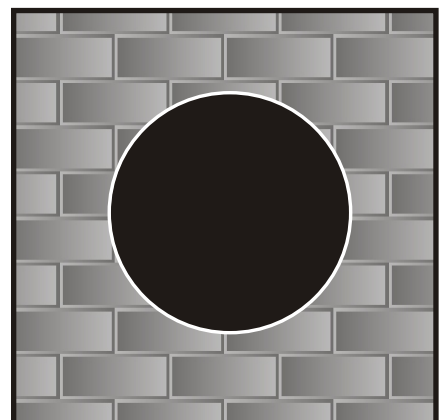


Figure 6



Figure 7

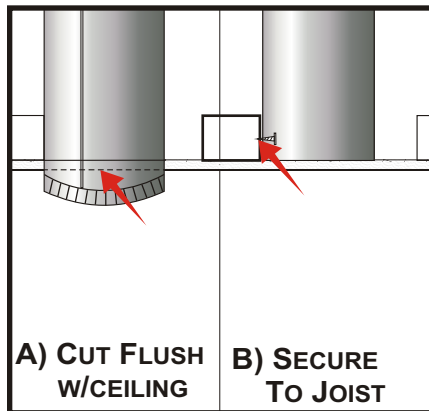


Figure 9

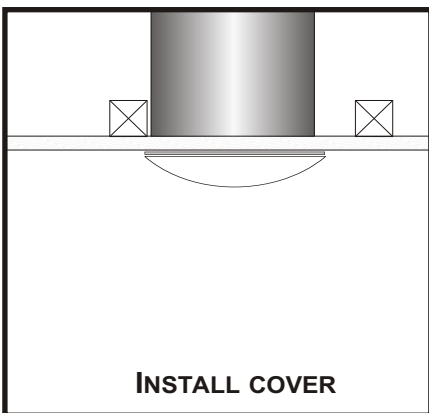


Figure 11

Check the fit of the dome to the hole after checking the fit remove the dome. Turn the dome upside down. Put 2 heavy beads of caulk near the outer edger of the flat part of the dome, all the way around the dome. Turn the dome over (do not lay the dome down on the roof). Slide the dome under the shingles with the condensation drain tube to the lowest side, lifting the dome so you don't spread the caulking on the roof. With the dome in place, fasten the dome to the roof with rubber grommets and stainless steel screws. Seal around the dome (Do not seal the drain tube as it needs to drain), seal the shingles and secure them. You are finished on the roof. Now you need to put the skylight pipe in.

**7.** You will need to prepare the pipe at this time. Lay the pipe on the floor, place the male side of the snap lock into the female side. Make sure the seam is locked in place (slap both sides of the pipe to get it to lock). Using a sharp knife, cut along both sides of the snap lock on the inside of the pipe. This will cut the protective film and make it easier to remove. If you are using only one pipe you may remove the protective film later in the installation. If you are using more than 1 pipe put them together now. You will need to remove the film from the top pipe. To put the two pipes together insert the crimped end of the one pipe in the other pipe, the seams do not need to line up. The two pipes may be fastened together with pop rivets or small screws, (this is not necessary). Place duct tape around the seam of the two pipes and press it down tight on the pipe.

**8.** Now you are ready to install the pipe. Slide the pipe through the hole in the ceiling (crimped end down), pushing it up through the ceiling and past the flashing, at least  $\frac{1}{2}$  inch (Fig.8). The pipe must extend at least  $\frac{1}{2}$  inch above the rubber flashing. It may be necessary to trim the pipe to get it flush with the ceiling. If so mark around the pipe with a pencil at the ceiling (Fig 9A) and mark on the ceiling where the seam is located. This will help to keep the pipe lined up. Now pull the pipe down a little (you may need two pair of pliers to do this) 2 to 3 inches will be enough. (You can take the pipe all the way out if this is easier.) Cut around the pipe on your pencil mark with a pair of tin snips. Push the pipe up flush with the ceiling. Be careful! After cutting the pipe with tin snips it has very sharp edges. With the pipe in place secure the pipe to your ceiling joist with one truss head screw (Fig. 9B). Remove the protective film. Remove the paper back from the metal tape, tearing off pieces about 3 inches long and placing them about  $1\frac{1}{2}$  inch in the pipe and taping the pipe to the ceiling, overlapping the tape, making sure the crack between the ceiling and the pipe is completely covered. Remove the protective film from clear plastic disk. Place the clear plastic disk over the end of the pipe as close to the center as possible, make sure one of the holes is lined up under the ceiling joist. Mark the other 3 holes; install the screw anchors in the drywall. Remove the paper back from the white foam seal and place it on the clear plastic disk about  $\frac{1}{4}$ " from edge of disk and over the screw holes (Fig.10).

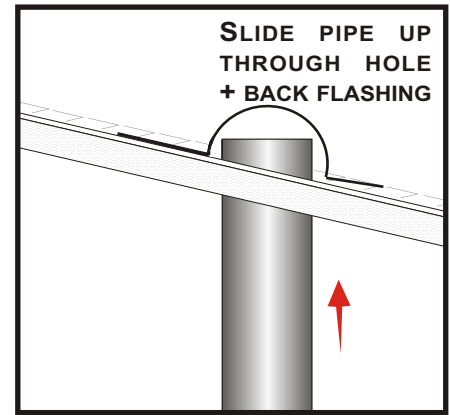


Figure 8

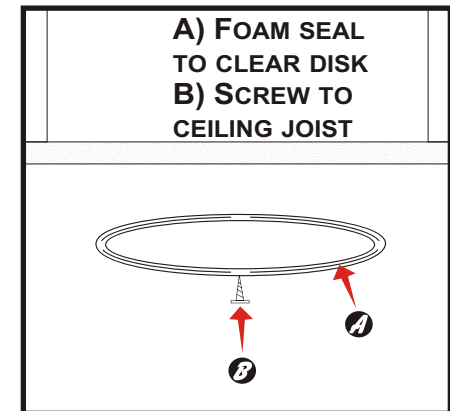


Figure 10

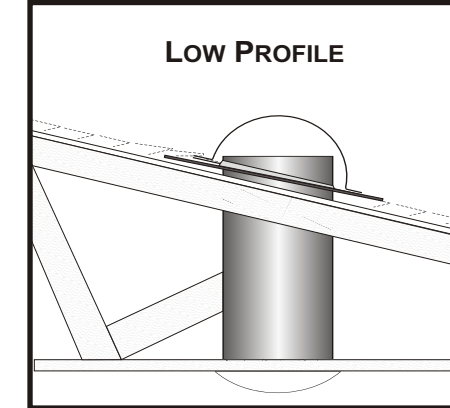
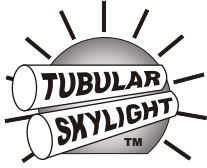
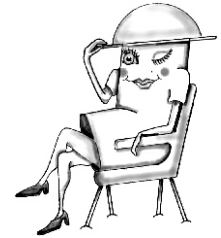


Figure 12

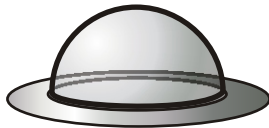
Install the clear plastic over the pipe with the 4 one and one-half inch screws (Fig 11); tighten the screw to about one half the thickness of the foam seal. Now place the diffuser on the clear plastic disk (Fig. 12). Turn the diffuser towards the screws to lock it in place.



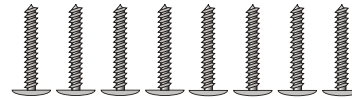
# NOW THAT YOU ARE DONE, ENJOY THE LIGHT!



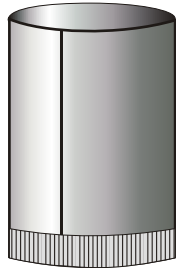
# COMPONENT PARTS



CLEAR POLYCARBONATE  
DOME with RUBBER FLASHING



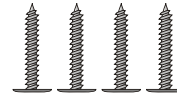
STAINLESS DOME SCREWS



.020 ALUMINUM TUBING  
WITH SNAP LOCK AND  
BEAD & CRIMP



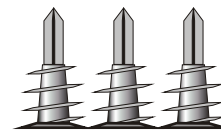
WHITE FOAM SEAL



INSULATOR DISK SCREWS (4 EA.)



INSULATOR DISK



Easy ANCHOR DRYWALL ANCHOR (3 EA.)



INTERIOR DIFFUSER LENS



FOIL TAPE



RUBBER GROMMETS