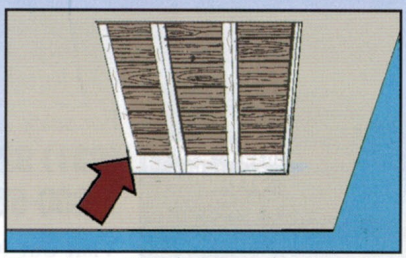
Easy Installation

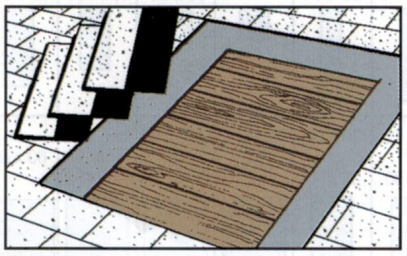
PITCHED ROOFS (One Piece Flashing)
Using a carpenter's square, measure off the ceiling area where the skylight will be installed. Width dimension is parallel with the roof ridge. For proper rough opening, add 1/2 inch to both the width and the

height of the unit size. Try to make these dimensions fall between the rafter spacing.

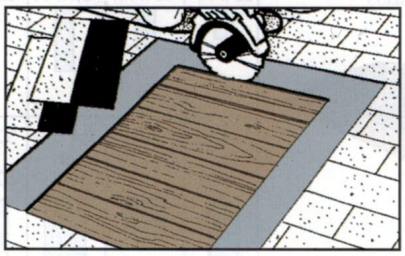
Cut along the marked off area with a hand or power saw without damaging the surrounding ceiling area.



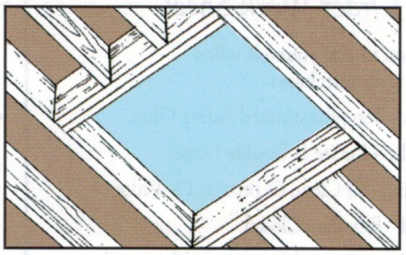
The rafters will be exposed after the ceiling material is removed. From the inside, drive a long nail through the roof at each of the four corners. The length of the protruding nails will indicate your outside skylight roof opening measurement.



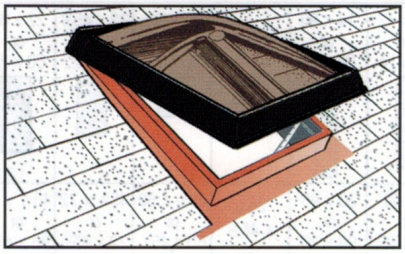
Next, remove the shingles on and around the area designated for the skylight, except for the bottom area. Then remove the roof felt from the rough roof opening area.



Cut out the rough roof opening. Save the cut out rafter sections to be used as headers when framing out this opening.

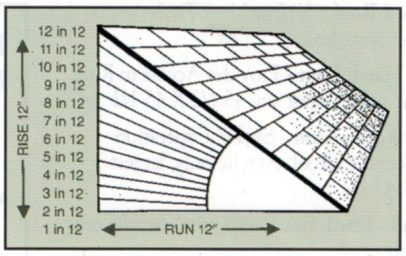


According to the particular installation and size of the skylight, frame out the rafters with headers on the top, bottom and possibly, the sides.



Before placing the skylight in the rough opening, run a bead of roof flashing cement on the roof felt approximately 1½ inches out from the opening's edge. Also run a bead on the existing roof shingles that go up to the bottom of the rough opening. Position the skylight in the rough opening and, from the inside, nail it to the rafters and headers through the liner box, using shims where necessary. Be sure

the skylight's bottom copper flashing is resting on top of the existing roof shingles. **CAUTION: NEVER NAIL THROUGH THE COPPER FLASHING!** Reinstall the side shingles, trimming each to leave a tapered space between shingles and the vertical curb from ¾ inch (at top) to 1 inch (at bottom) for proper water runoff. Reinstall shingles over top copper flashing with ½ inch gap from



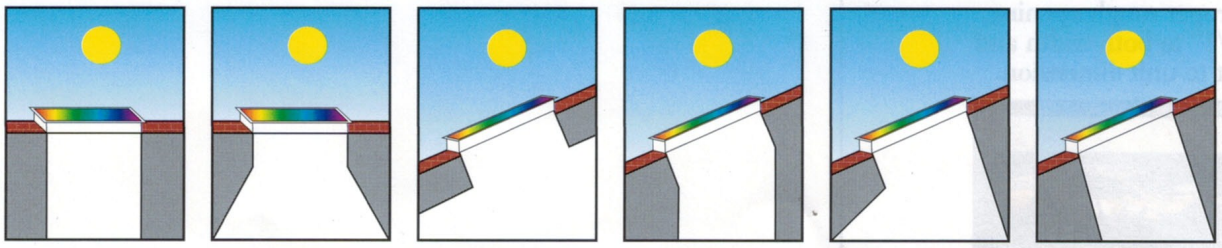
shingles to curb. Finish the ceiling's interior to suit your overall design—paint or stain. The skylight liner box can be finished in white to increase the amount of reflective light.
Pitched roof model is used where pitch is 3/12 or larger; for installation less than 3/12 please call for assistance. Roof pitches are denoted in inches of rise (vertical) per 12 inches of run (horizontal).

FLAT AND LOW PITCHED ROOFS (One Piece Flashing)
As with the pitched roof installation, allow approximately an additional 1/2 inch to the width and height dimensions of your skylight size when measuring the roof opening. For a remodeling job (and some new construction projects) remove the original roof material until the skylight's copper flashing will be able to sit on the bottom layer of roof felt or tar paper. At this time, place a bead of roof flashing cement in the middle of the area where the copper flashing will sit – make sure it is applied some 1½ inches away from the opening. Place the skylight in position. Next, from the inside, nail the skylight to the rafters and headers through the liner box.
(CAUTION: NEVER NAIL THROUGH THE COPPER FLASHING!)

On the outside, spread roof flashing cement on top of the copper flashing, overlapping it onto the adjacent roof area approximately 3 to 4 inches. Place 90 pound roll roofing or split sheet cold roofing material (SIS) over the copper flashing and adjust roof area where the roof flashing cement was previously applied. Once the material is in place, repeat the application of roof flashing cement making sure to overlap the new and original roof areas.

(NOTE: There are several roofing materials designed for low pitched or flat roofs. Some examples are hot tar, torch down, and rubber roofing. Please refer to manufacturers' instructions for proper application.

How to Get the Most Amount of Light from Your Skylight



This is a straight shaft on a flat roof.

A flared or cone shaped shaft is under this flat roof allowing more light to enter

A simple straight shaft arrangement is formed with this cathedral ceiling.

This pitched roof with a straight shaft allows you to place the light directly over any desired area.

The splayed-out light shaft opens more of the room area to direct light.

This is an angled light shaft shown in a pitched roof application.