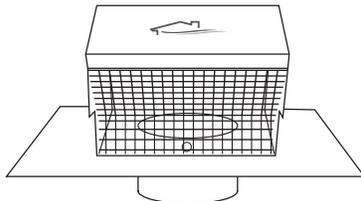
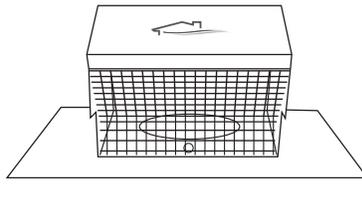


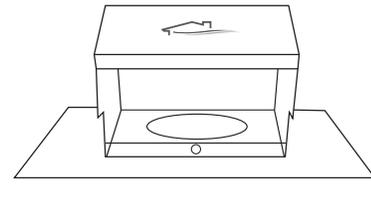
Builder's Best Black Metal, Galvanized, and Aluminum Roof Caps



Roof Caps with Collars



Roof Caps Flush (no collar)



Roof Caps without screens
(Screens should not be used with dryer venting.)

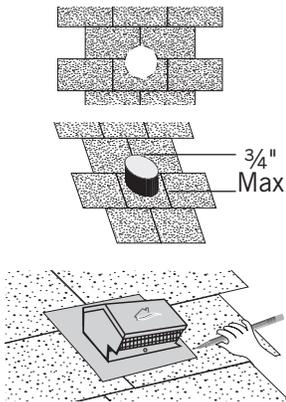


Tools needed:

Reciprocating saw or jigsaw
Tin snips
Roofing knife
Pencil

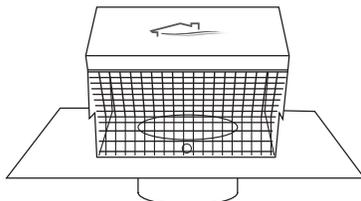


Roof cement
Crow bar
Hammer
Roofing nails

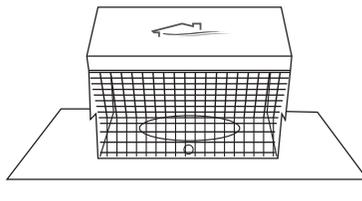


1. From attic side of roof, determine the hole that will need to be cut. Hole should be located between two trusses or rafters and at least 2' away from any chimney, roof valley or other vent pipes. In the center of the hole, drive a large nail thru the roof sheeting so that the nail will be visible from the roof.
2. From outside on top of the roof, use the protruding nail as a center. Cut a hole approximately $\frac{1}{4}$ " larger in diameter than the duct or collar being installed.
3. For roof caps without a collar, insert the duct through the opening and run the duct back to the source. Trim the duct parallel to the roof so that no more than $\frac{3}{4}$ " of the duct projects thru the surface of the roof. Trim the duct parallel to the roof pitch. Secure duct to the roof following the duct manufacturer's recommendations.
4. Preparing the shingles: Lay roof cap into place, trace the outline of the flange onto the shingles. The outline will be used as a reference for roof nail removal and shingle trimming.

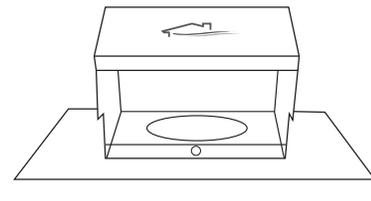
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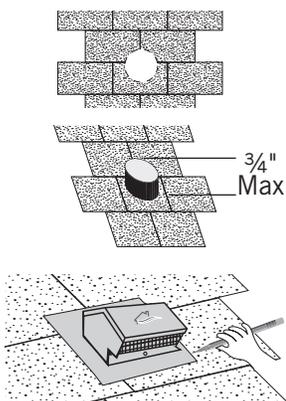


Tools needed:

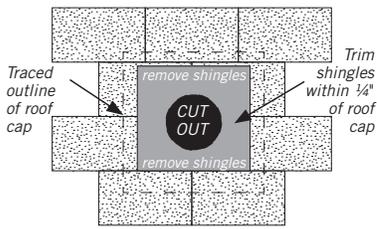
Reciprocating saw or jigsaw
Tin snips
Roofing knife
Pencil



Roof cement
Crow bar
Hammer
Roofing nails



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4. Preparing the shingles: Lay roof cap into place, trace the outline of the flange onto the shingles. The outline will be used as a reference for roof nail removal and shingle trimming.



5. Using the tracing as a reference, trim the shingles so that when installed, the shingles fit within 1/4" of the body of the roof cap.

With a crowbar, loosen and remove roofing nails located under the footprint of the roof cap flange.

Note: Roofing nails are always located above the shingle knockout slits.

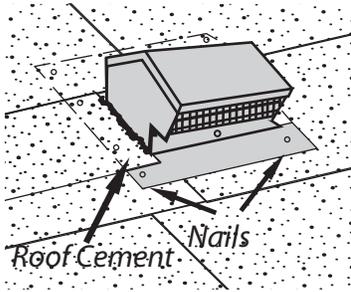
Gently lift the shingles located under the tracing of the roof cap flashing.

6. For roof caps with no collar, seal all around the protruding duct with roof cement. For roof caps with collars, apply a bead of roof cement around the underside of the flange approximately 1" from the edge of the flange.

7. Insert the back flange of the roof cap under the shingles and slide into position. Nail the top and sides of the roof cap flange to the roof under the shingles. Seal each nail head with roof cement.

8. Nail the exposed bottom flange of the roof cap directly to the roof. Seal each nail head with roof cement.

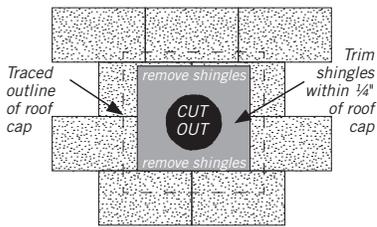
9. Secure the loosened shingles to the roof and roof cap flange with roof cement. Tape all joints with UL® approved duct tape to prevent air and water leaks.



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5. Using the tracing as a reference, trim the shingles so that when installed, the shingles fit within 1/4" of the body of the roof cap.

With a crowbar, loosen and remove roofing nails located under the footprint of the roof cap flange.

Note: Roofing nails are always located above the shingle knockout slits.

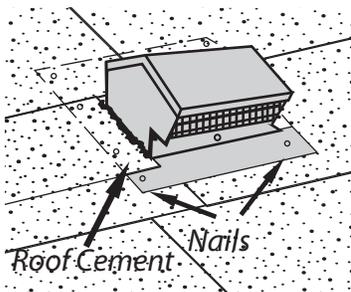
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