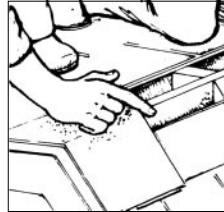
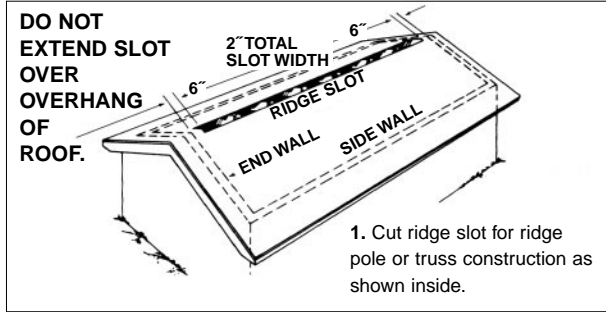


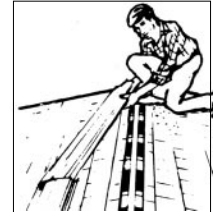
# New Construction



2. Shingle roof up to slot.



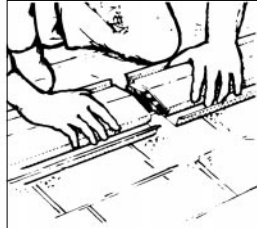
3. Let top course of shingles lay over unslotted portion of ridge (ends) to form one thickness.



4. Place FilterVent over open slot.



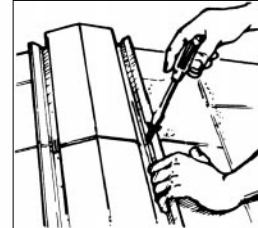
5. Inset end plugs.



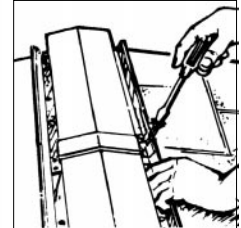
6. Join FilterVent sections with connector plugs.



7. Extend FilterVent past ends of slot to full length of ridge. Cut final section.

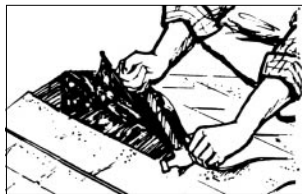


8. Align joined FilterVent over slot, fasten in place.



9. Place straps over joints and fasten in place.

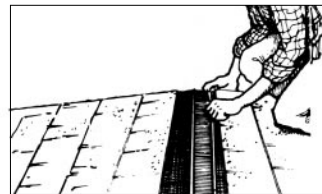
# Existing Roofs



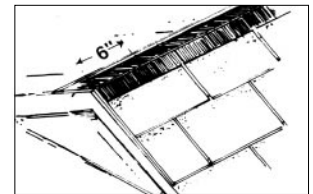
1. Remove cap shingles along entire length of ridge.



2. Snap chalk line along centerline of peak.



3. Snap parallel lines on both sides of peak for ridge pole or truss construction. (See drawings inside.)



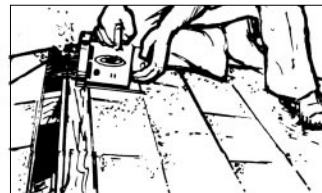
4. Mark end of slot 6" from inside of end wall on each end.



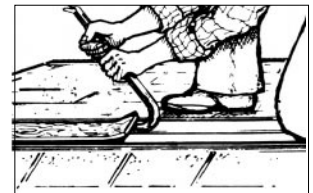
5. Cut through shingles to roof sheathing with utility knife.



6. Strip away cut-out scrap from slot.



7. Cut through roof sheathing with power saw. Set depth at sheathing thickness (approx. 3/4").



8. Remove cut out portions of sheathing. Once slot is cut out, follow Steps 3 through 9 for New Construction.



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www.airvent.com



Application procedures and conditions are beyond the control of the manufacturer and/or seller of FilterVent and for this reason neither manufacturer nor seller can be responsible for the failure of the product when not used according to instructions and specifications.

Air Vent's written warranty for this product shall not apply in any instance in which the product was not installed in accordance with the instructions contained herein. FilterVent® is a patented product of Air Vent Inc.

## Helpful Installation hints.

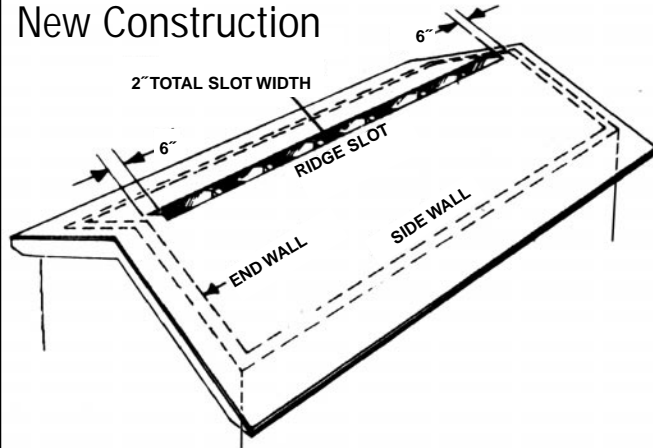
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**Please read complete instructions before you begin!**

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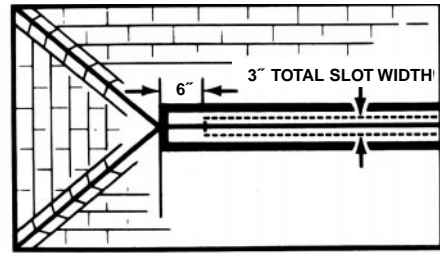
- 1** 1<sup>1</sup>/<sub>4</sub>" long aluminum screw shank nails are supplied. For ease of installation and to prevent vent damage, #8 x 1<sup>1</sup>/<sub>4</sub>" long galvanized sheet metal screws may be used.
  - 2** For installation on asphalt shingles, slate, machine split shingles or other smooth surfaces, caulking is not required between the vent and roof surface.
  - 3** Before applying vent to dimensional or architectural shingles on new construction, leave felt long at ridge and fold back under vent (see drawings on other side), or caulk between low areas of shingle and flange of vent.
  - 4** When installing on flat tile, handsplit shakes, or standing seam roofs, use Tile FilterVent. Please call for assistance when using on barrel tile or high seam roofing.
  - 5** Use FilterVent products for roof slopes from 3/12 to 12/12.
  - 6** When installing these vents the slot must be cut in accordance with the illustrations shown within.
  - 7** When retrofitting, and on new installations where a ridge beam exists and the roof slope exceeds 9/12, a plumb cut must be used to keep the slot as narrow as possible.
  - 8** FilterVent works at maximum efficiency when used with an equal amount of soffit venting. This can be accomplished with Continuous Soffit Vent or 16" x 8" undereave louvers.
  - 9** Make all existing roof and/or gable end vents inoperable by plugging or blocking to prevent short-circuiting of the ventilation system.
  - 10** When installing straps at joints and ends, care must be taken not to distort or crush the ridge vent.
  - 11** Install connector straps at each end of the vent run.
  - 12** For best appearance, run FilterVent to ends of roof.
-

### New Construction



On all installations, cut ridge slot for ridge pole or truss construction as shown below and in the architectural drawings below. Slot must not be cut within 6" of end wall.  
**DO NOT EXTEND SLOT OVER OVERHANG OF ROOF.**

### INSTRUCTIONS FOR CUTTING SLOTS



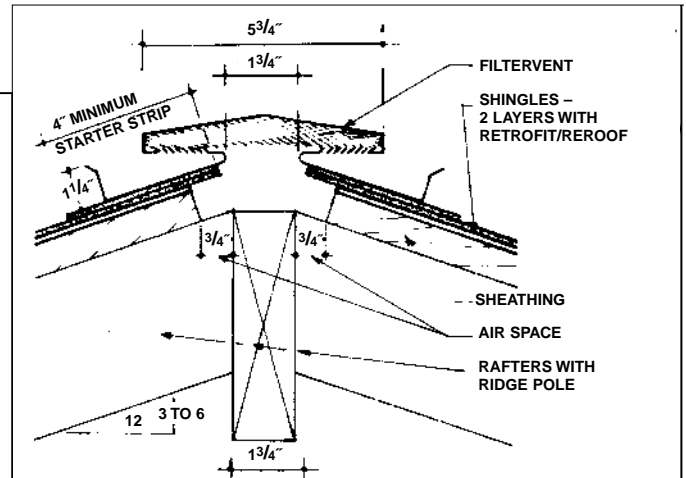
#### Hip Roofs

Cut slot 1 1/2" on either side of ridge centerline and to within 6" of end.

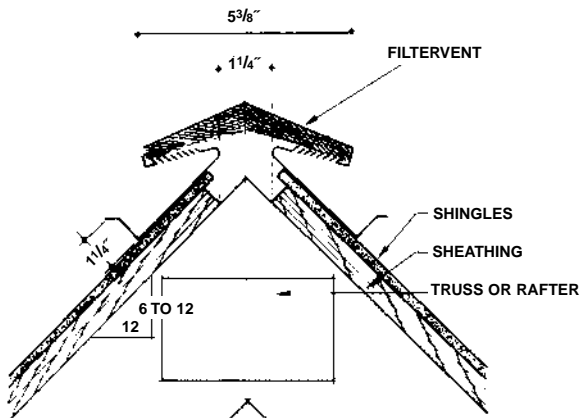
### Typical FilterVent installations:

NOTE: The illustrations at right depict the proper methods of installing ridge vents for various types of construction.

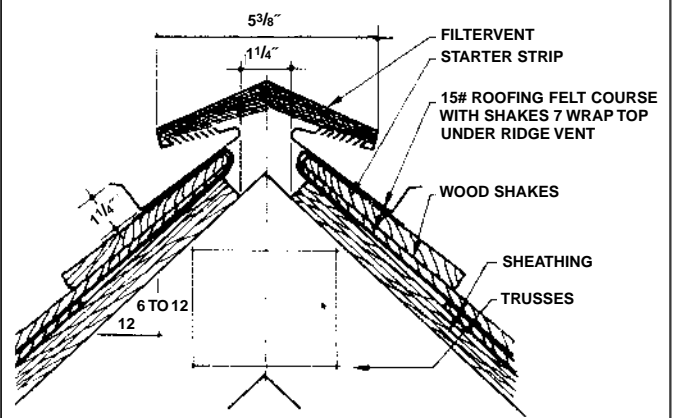
FilterVent has 18 sq. in. net free vent area. It is not necessary to cut the slot extra wide. Maximum protection is attained when the vent is supported to the throat by the roof and shingles.



**Ridge Pole Construction** Alternate 1 – for low pitch roofs.

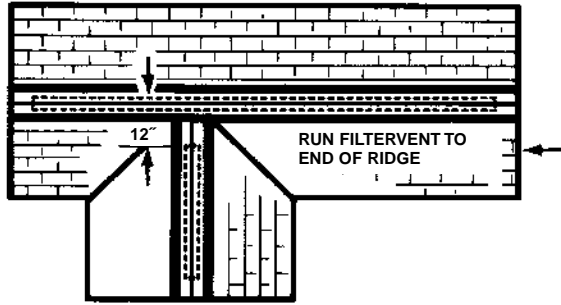


**FilterVent** on asphalt shingles, 12/12 pitch Roof. FilterVent recommended for 3/12 to 12/12 pitch roofs.



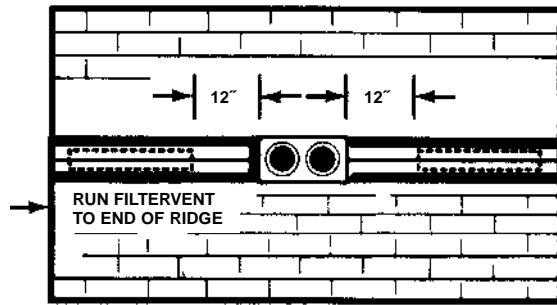
**FilterVent** on cedar shakes, 12/12 pitch roof. Roofing underlayment wraps around top course of shakes.

----- indicates slot width      ————— indicates vent run



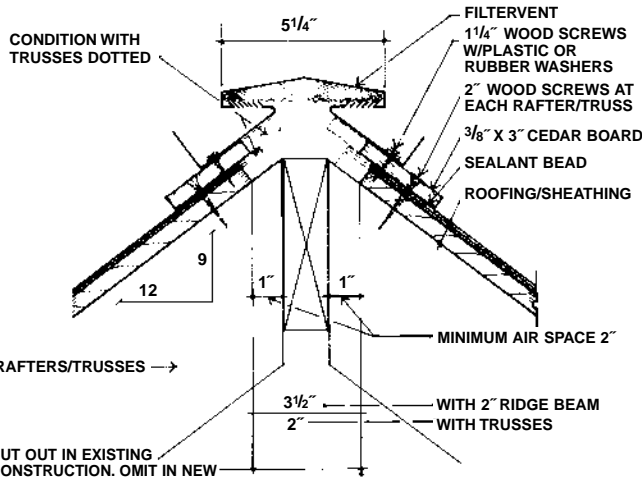
**“L” and “T” Shaped Roofs**

Cut slot and run FilterVent across long ridge. On short ridge, cut slot to within 12” of junction point and run FilterVent from end of roof to butt against crossing FilterVent.

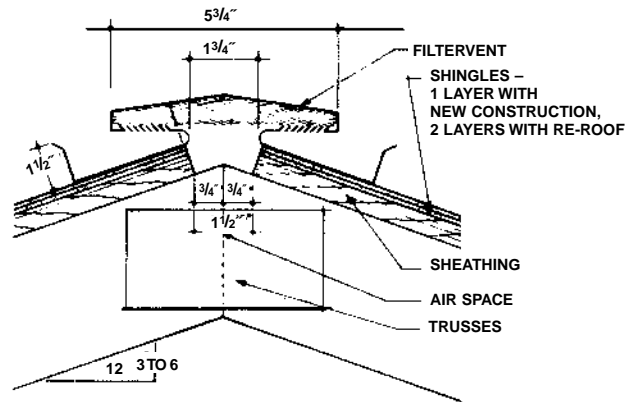


**Chimneys**

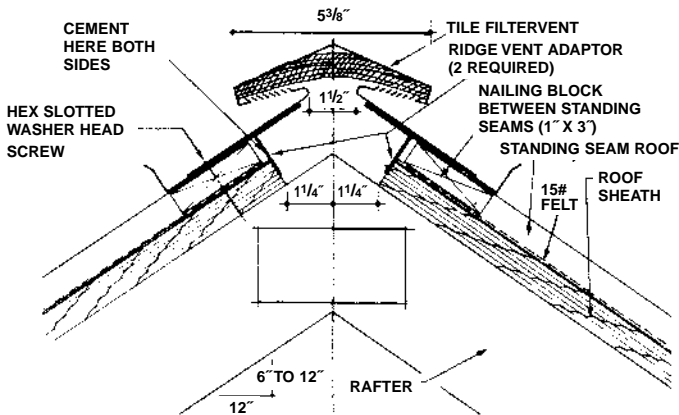
Cut slots to within 12” of chimney. Run FilterVent from end of roof to butt against chimney.



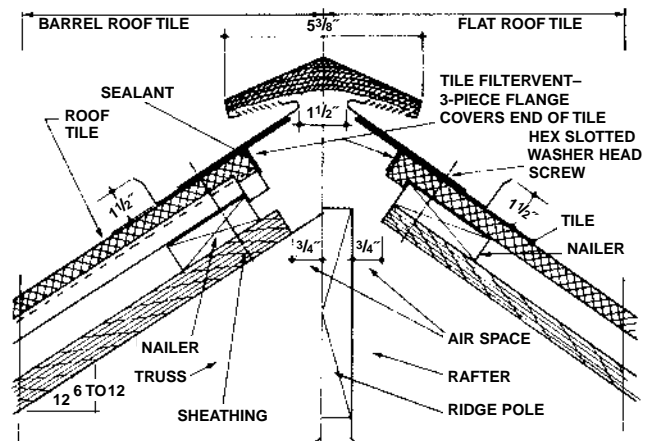
**Ridge Pole Construction Alternate 2 – for steep pitch roofs**



**Truss Construction**



**Tile FilterVent on pre-engineered standing seam metal roof.**  
Separate adapter covers end of roof panels.



**Tile FilterVent installed on either barrel roof tile or flat roof tile.**  
Please call Air Vent for assistance when using on barrel tile or high seam roofing.