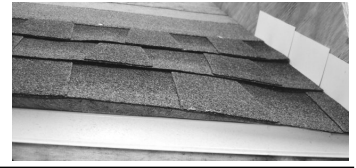


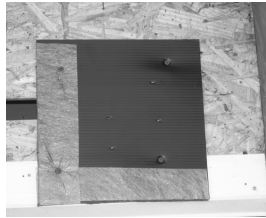
## SmartVent End Cap™ Installation Instructions



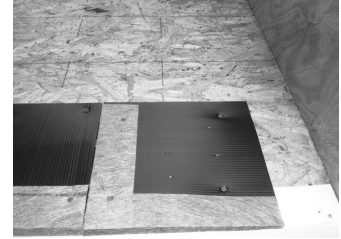
**(Do Not Use End Caps on Gable/Rake Edges of the Roof — Use Fabric Squares)**

For Installation at the eaves edge near a wall or obstacle to create a sloped shingle transition to zero lift-up at the wall flashing. **Note:** When using the SV End Cap on a mid-roof application, leave about a 18" space between hips and valleys so not to interfere with the flashing or cap shingles installation. SmartVent End Caps are universal for right or left installations

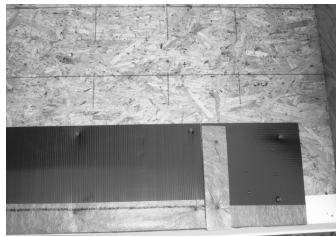
**Step 1-** Ensure the 1" roof cutout was completed to 12" before the end of the run and the metal drip edge was previously installed. Nail the SV End Cap as shown with the bottom edge flush with the drip edge. Leave about 3" to 6" of roof deck showing from the wall. Nail at all four corners using nails that penetrate through the roof sheathing.



**Step 2-** Abut the SmartVent 36" section against the SmartVent End Cap tightly and nail per SmartVent directions.

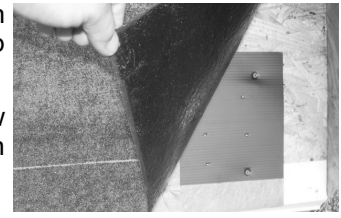


**Step 3-** Continue installing the remaining SmartVent over the roof deck sheathing and previously installed drip edge.

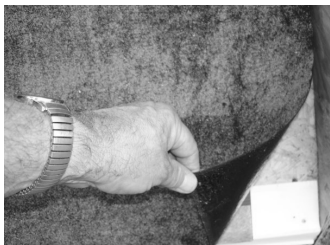


**Step 4-** Install 36" wide ice shield only over the SmartVent and SmartVent End Cap tight against side wall and continuously across the roof. Keep 36" ice shield flush to the SmartVent lift edge which will cover the entire top surface of the vent.

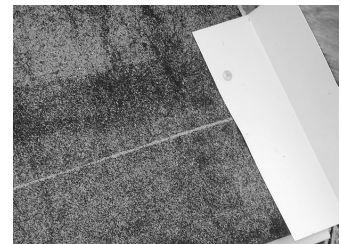
Install ice shield a few inches up the wall when possible.



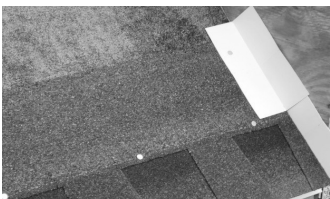
**Step 5-** Ensure the ice shield is only over the vent and tight against the wall for eave edge installations.



**Step 6-** Install wall step flashing over ice shield and up the wall. Allow a 1/2" to 1" eave edge overhang for shingles. Ensure step flashing is installed at each shingle course.

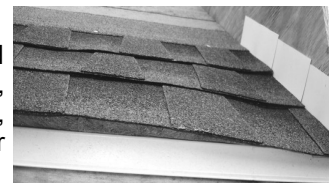


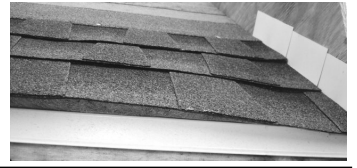
**Step 7-** Install starter course and shingles with a 1/2" to 1" overhang beyond the lift edge of the SmartVent. Ensure step flashing is installed at each course with the proper coverage.



**Step 8-** Continue installing tar paper and shingles up the roof with step flashing. The SV End Cap slopes the shingles down to the level of the wall flashing as shown.

**Note:** Use SmartVent End Caps around, chimneys, skylights, pipe boots, valleys, hips and any other obstructions.





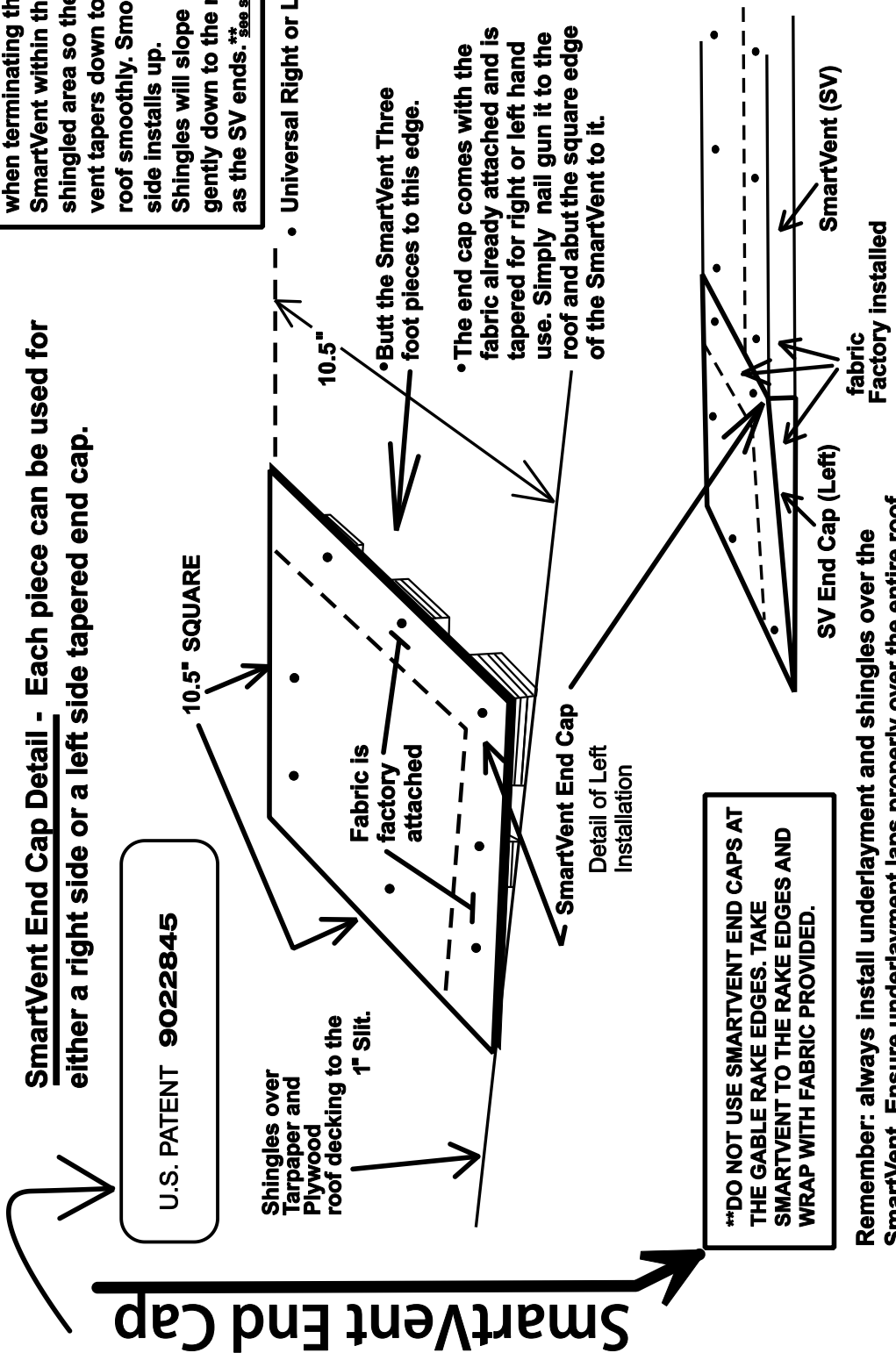
**SmartVent End Cap**

**SmartVent End Cap Detail - Each piece can be used for either a right side or a left side tapered end cap.**

U.S. PATENT 9022845

Use the SV End Cap when terminating the SmartVent within the shingled area so the vent tapers down to the roof smoothly. Smooth side installs up. Shingles will slope gently down to the roof as the SV ends. \*\* see sub-note

- Universal Right or Left Cap
- Butt the SmartVent Three foot pieces to this edge.
- The end cap comes with the fabric already attached and is tapered for right or left hand use. Simply nail gun it to the roof and abut the square edge of the SmartVent to it.



**\*\*DO NOT USE SMARTVENT END CAPS AT THE GABLE RAKE EDGES. TAKE SMARTVENT TO THE RAKE EDGES AND WRAP WITH FABRIC PROVIDED.**

**Remember: always install underlayment and shingles over the SmartVent. Ensure underlayment laps properly over the entire roof.**