

DECK-AIR® Roof Deck Intake Vent

INSTALLATION INSTRUCTIONS

Thank you for your purchase of the Deck-Air® Intake Vent. The Deck-Air® Vent will help rid your attic of damaging heat and moisture when properly installed near the lower attic space and used in conjunction with exhaust vents located near the ridge.

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING. Most codes concerning residential attic ventilation require a balanced system of 50% exhaust ventilation and 50% intake ventilation.

NOTE: Use the appropriate felt or waterproof underlayment for your region.

***WARNING:** Before cutting the Deck-Air® ensure the correct end of the vent is being removed so the molded end wall is facing out. The cut end should be placed against the next-to-last vent's end wall.

Roof Edge Installation

Patent Numbers:
D729927,
D574947,
8292707



LIMITED LIFETIME WARRANTY
See manufacturer or distributor for details.

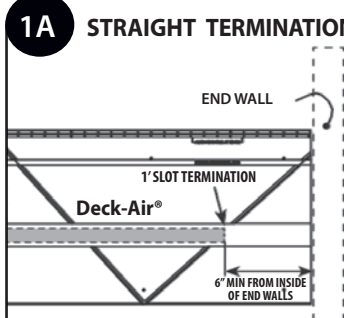
1

Choose desired vent termination method and determine the correct location for slot terminations.

You can choose the Straight Termination as shown in (1A) or the Tapered Termination as shown in (1B).

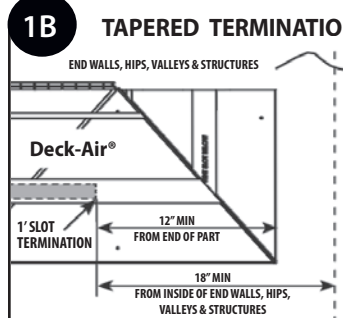
Slot terminations should be located as shown for each termination method.

1A STRAIGHT TERMINATION



Terminate all ventilation slots 6" from inside of end walls on gable roofs. **This termination method is recommended for gable end walls only.** The Deck-Air® should extend a minimum of 6" past the end of the slot.

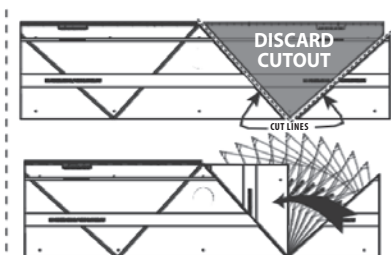
1B TAPERED TERMINATION



Terminate all ventilation slots 18" from:

- Inside of end walls on gable roofs.
- All hips and valleys.
- Any structure or chimney that penetrates the roof.

The Deck-Air® should extend a minimum of 12" past the end of the slot.



Deck-Air® Tapered termination allows a smooth end taper to more aesthetically blend shingles back into the roof profile. Cut along marked guides and discard cutout as shown. Rotate end piece to create transition as shown and nail into place.

2



3



4



5



6



Metal drip edge must be installed before installing the Deck-Air®. Using a tape measure and chalk line, mark the decking for a 1" wide ventilation slot.

Position the bottom edge of the slot 7" from drip edge. Snap chalk line at desired distance. Measure up 1" from this line and snap 2nd chalk line.

Cut the ventilation slot and remove cut decking. **Do Not** cut through rafters. **Do Not** over cut the slot in length or width.

Install underlayment on the roof deck a minimum of 18" up deck from drip edge covering the area where the Deck-Air® will be installed. Remove underlayment that covers slot.

NOTE: Ensure insulation is not blocking the flow of air into the attic space.

Scan the QR code to access additional information



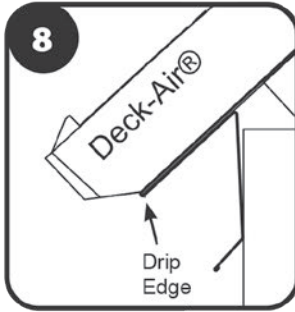


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Installation Instructions



Install Deck-Air® over the slot using the termination method previously selected.



Align lower front edge of vent with edge of drip edge as shown



Fasten the Deck-Air® through the nail holes using the 2 1/2" ring shank nails provided. Leave 1/8" gap between each vent to allow for expansion in hot weather.



Cut the final section to length according to selected termination method. **See *Warning.**



Align bottom edge of underlayment with shingle stops on the Deck-Air® to ensure top vent openings are not covered.



Install underlayment on top of the Deck-Air®. **This must be placed under the next layer** to ensure roof drainage goes over the top of the Deck-Air® vent.



Align starter and first course shingles with shingle stops on the Deck-Air® to ensure top vent openings are not covered.



Install starter and first course shingles over installed underlayment. **Do Not nail into the ventilation slot area.**



With the Deck-Air® installed, continue with normal shingle installation.

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DECK-AIR® Roof Deck Intake Vent

OFF Roof Edge Installation for Intake Instructions

OPTIONAL USE: Off Ridge Exhaust Vent

To use the Deck-Air® as an off ridge exhaust vent follow the instructions below and change the Deck-Air® install location to the **UPPER THIRD** of the attic space. Proper intake is still required for a balanced ventilation system.

or (Optional) Exhaust Ventilation

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING. Most codes require a balanced system of 50% exhaust ventilation and 50% intake ventilation.

NOTE: Use the appropriate felt or waterproof underlayment for your region.

***WARNING:** Before cutting the Deck-Air® ensure the correct end of the vent is being removed so the molded end wall is facing out. The cut end should be placed against the next-to-last vent's end wall.

Roof Edge Installation

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LIMITED LIFETIME WARRANTY
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1

Determine approximate Deck-Air® location. For intake ventilation, locate the vent within the lower third of the roof. (For exhaust ventilation, locate the vent within the upper third of the roof.) Shingle roof normally to the determined Deck-Air® approximate location.

Choose desired vent termination method and determine the correct location for slot terminations.

You can choose the Straight Termination as shown in (1A) or the Tapered Termination as shown in (1B).

Slot terminations should be located as shown for each termination method.

1A STRAIGHT TERMINATION

Terminate all ventilation slots 6" from inside of end walls on gable roofs. **This termination method is recommended for gable end walls only.** The Deck-Air® should extend a minimum of 6" past the end of the slot.

1B TAPERED TERMINATION

Terminate all ventilation slots 18" from:

- Inside of end walls on gable roofs.
- All hips and valleys.
- Any structure or chimney that penetrates the roof.

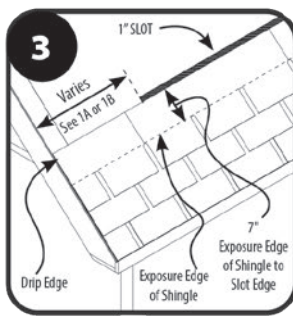
The Deck-Air® should extend a minimum of 12" past the end of the slot.

DISCARD CUTOUT
CUT LINES

Deck-Air® Tapered termination allows a smooth end taper to more aesthetically blend shingles back into the roof profile. Cut along marked guides and discard cutout as shown. Rotate end piece to create transition as shown and nail into place.



Using a tape measure and chalk line, mark the decking for a 1" wide ventilation slot. Ensure underlayment will extend beyond back edge of part.



Position the bottom edge of the slot 7" from the exposure edge of shingle. Snap chalk line at desired distance. Measure up 1" from this line and snap 2nd chalk line.



Cut the ventilation slot.



Remove cut decking along with any shingle or underlayment to clear slot. **Do Not** cut through rafters. **Do Not** over cut the slot in length or width.



NOTE: Ensure insulation is not blocking the flow of air into the attic space.

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Installation Instructions



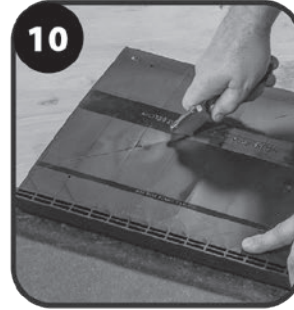
Install Deck-Air® over the slot using the termination method previously selected in step 1.



Align lower front edge of vent with edge of drip edge as shown



Fasten the Deck-Air® through the nail holes using the 2½" ring shank nails provided. Leave ¼" gap between each vent to allow for expansion in hot weather.



Cut the final section to length according to selected termination method.

See *Warning.



Align bottom edge of underlayment with shingle stops on the Deck-Air® to ensure top vent openings are not covered.



Install underlayment on top of the Deck-Air®. **This must be placed under the next layer** to ensure roof drainage goes over the top of the Deck-Air® vent.



Align starter and first course shingles with shingle stops on the Deck-Air® to ensure top vent openings are not covered.



Install starter and first course shingles over installed underlayment. **Do Not** nail into the ventilation slot area.



With the Deck-Air® installed, continue with normal shingle installation.

3 MUST DO STEPS TO ATTIC VENTILATION

1 Install all Exhaust Ventilation at the SAME HEIGHT within a common attic area.
Installation of exhaust vents at more than one level on a roof allows the upper exhaust vent to pull air in from lower exhaust vents rather than from the intake vents. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

2 Install ONLY ONE TYPE of Exhaust Ventilation within a common attic area.
Exhaust Vents pull air from the easiest intake source. Vent types cannot be mixed. The use of different types of exhaust vents could make one of the vents act as intake for the other. Intake air must come from intake vents located near the lower part of the attic space to properly ventilate the total attic area and eliminate weather infiltration.

3 Install a BALANCED SYSTEM of Intake and Exhaust Ventilation.
50% Intake Ventilation - Intake vents located near the lower part of the attic area are required to balance out your ventilation system.
50% Exhaust Ventilation - Exhaust vents located near the upper part of the attic area are required to balance out your ventilation system.

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