VENT RIDGE VENT
RV10DT

PRODUCT INFORMATION SHEET

DESCRIPTION

The RV10DT is designed to release warm air from the roof void using the natural convection of rising warm air or by means of negative pressure created by wind blowing over the roof.

It has an adhesive and flexible aluminium flashing which forms to roofing profiles, preventing water ingress on any pitch roof.

FEATURES

- Free airflow of 8,000mm2 per linear metre.
- Releases hot air from roof voids and eliminates condensation.
- Forms part of a passive ventilation system that works year round with no moving parts or energy consumption.
- Easy to install – manufactured in 1200mm lengths for easy handling.
- Not visible when covered with ridge flashing (NB: flashing not included).
- Insect proof - 4mm vents prevent ingress of nesting insects.

SCOPE OF USE

- Whilst ridge ventilation is essential for trussed roofs with a pitch of >30° and all pitched skillion roofs, ridge ventilation can be applied to trussed roof pitches with a pitch of <30°.
- Compatible with roof cladding profiles with a trough depth of >34mm. For trough depths <34mm an RV10P should be used.
- Recommended for cold roof pitch of over 30° and skillion roofs of any degree pitch.
- Suitable for new builds or renovations.
- To be used as part of proprietary ventilation system.

APPRAISALS

- BRANZ appraisal No. 979 [2017]

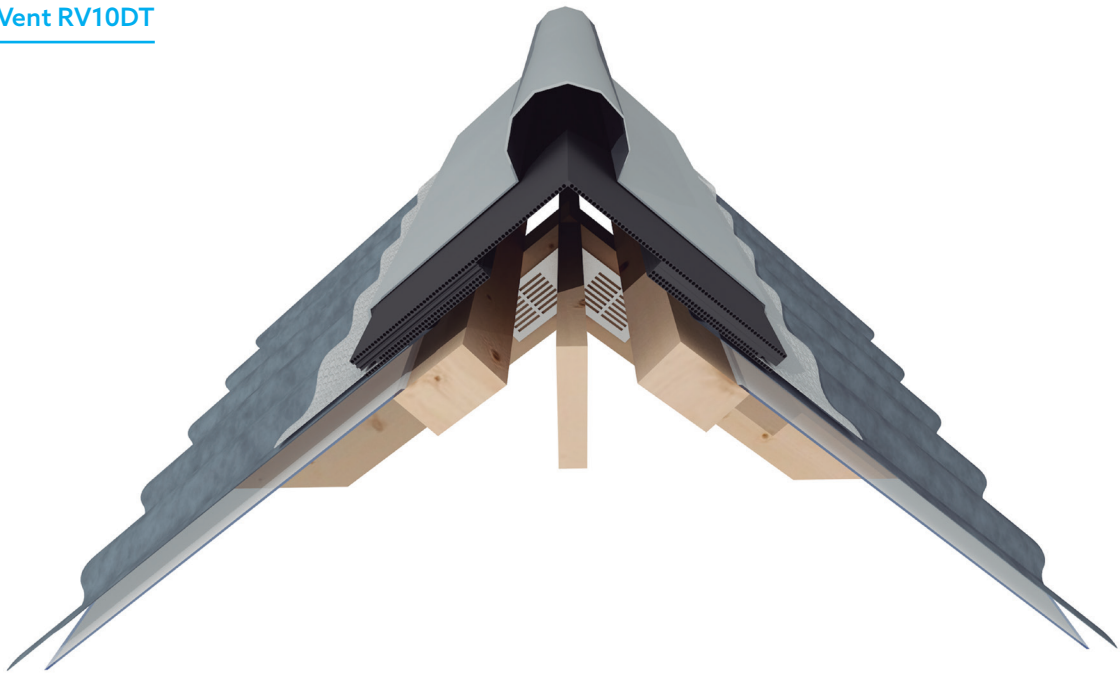
WARRANTY

- 30 years

MAINTENANCE

- No maintenance requirements

Ridge Vent RV10DT



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INSTALLATION

1. Lay vent on roof centrally over the roof apex as shown with the excess flashing to the right hand side.
2. Temporarily fix the vent in place with tape or screws at each corner ensuring the underside of the vent is flat against the roof.
3. Continue to the end of the ridge and trim as appropriate. Dress flashing over the roof profile:

   • **Gable Roof** - Fix vent over the barge flashing to the outside edge of the roof.

   • **Hip Roof** - Install hip flashing first and cut the vent up to where the flashings meet.
4. Standard ridge flashings of 200mm can be used to conceal soft edge of the ridge vent.
5. When vents are fixed, place the ridge flashing centrally over and fix as per usual practice. Additional fixing screw length is required to accommodate the 20mm thickness of the RV10DT (and VB20 where applicable).
6. Dress the ridge flashing accordingly over the gable/hip junction.
7. Remove all moisture and dust from the roof cladding before dressing down the aluminium soft edge.
8. he aluminium soft edge should be notched or snipped as required to suit the roofing profile. Notching or snipping is always required on Deep trough or trapezoidal roofing profiles.
9. Care should be taken when dressing down the aluminium soft edge. When dressing down the aluminium soft edge, start at the outer edge of the soft edge and work in towards the vent. Between 17mm and 25mm contact with the trough is required, depending on the cladding profile.
10. Minimum working temperature to dress down the soft edge flashing is +5°.
11. Soft edge flashing temperature resistance: -40° to +90°.
12. Compatibility with the RV10DT and the chosen ridge capping system should be checked with the roofing manufacturer supplying the ridge capping.
13. For technical assistance contact the VENT technical team.

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Fig A: RV10DT Application to Trussed Pitch Roof

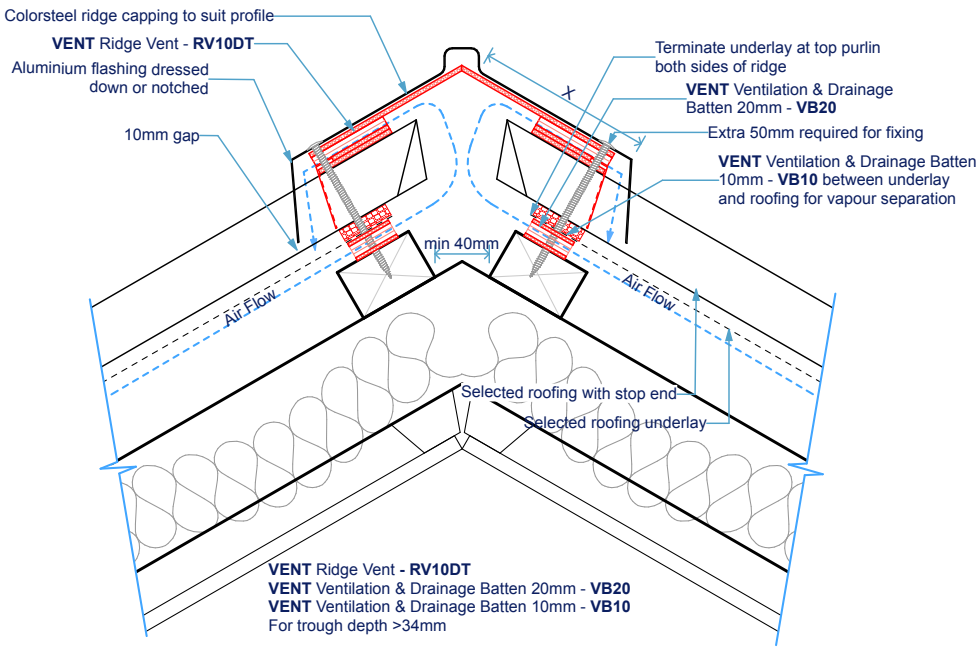


Fig B – RV10DT Application to Pitched Skillion Roof (any degree pitch)

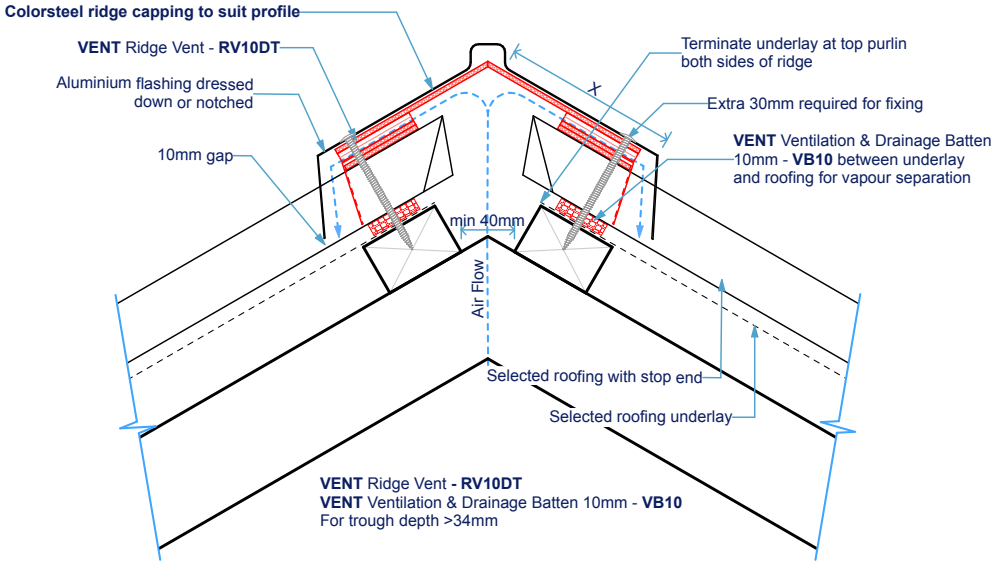
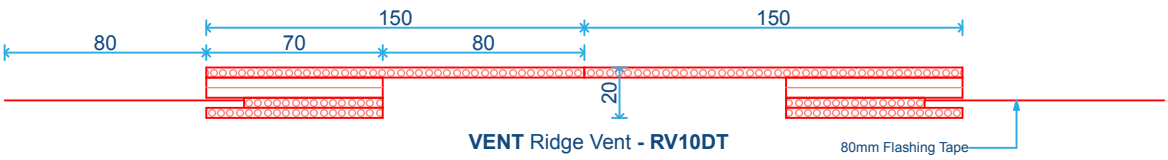


Fig C: Dimensions



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Note: Diagrams are for guidance purposes only. The overall design is the responsibility of the designer as there are often other factors to consider.
The company maintains a policy of continuous development of its product range and reserves the right to amend the specification without notice.