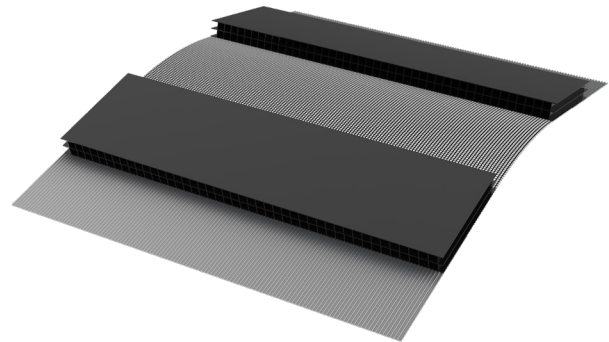


## Product Description

The ProctorVent RV10 and RV10-BAL are continuous ridge vents for profiled metal roofs designed to release humid air from the roof space by utilising natural convection of rising warm air and negative pressure resulting from wind blowing over the roof ridge. The RV10 / RV10-BAL has an adhesive and flexible aluminium flashing to form into the roofing profile reducing the risk of water ingress into the roof space. The RV10-BAL is specifically designed with a wider flexible flashing for use with deep trough roofing profiles.

## Features and Benefits

- ProctorVent RV10 / RV10-BAL provides 7,000mm<sup>2</sup>/ Lm free open area on each pitch.
- Assists as part of a passive roof ventilation system to release hot air from the roof space.
- As part of a complete passive roof ventilation system, will dramatically reduce condensation risk.
- Forms part of a passive ventilation system that works year round with no moving parts or energy consumption.
- Easy to install.
- Insect proof - 4mm apertures to restrict ingress of nesting insects.
- Textile mesh provides further protection from dust, insect and moisture ingress



RV10 Ridge Vent



# PROCTORVENT Ridge Vent RV10/ RV10-BAL

Continuous Ridge / Apron / Barge Vent for Metal Roofing

## Roof Applications / Scope of use for Ridge Vents

- In accordance with the requirements of NCC 2019 ventilation of roof spaces, NCC 2022 roof space ventilation, or CBOS Condensation in Buildings – Tasmanian Designers' Guide - Ver. 2
- Suitable for new builds or renovations as part of the ProctorVent system.
- Compatible with most metal roof profiles and ridge capping.
- To ensure continuous and unimpeded airflow to the ridge vent, this product should be used with the ProctorVent Facia Vent (FV10/FV25), and where required, in conjunction with the ProctorVent Eaves Baffle Vent (RR650) and/or the ProctorVent Vented Batten (VB20) for cathedral roofs.

## ProctorVent RV10 Half / RV10-BAL Half

The ProctorVent RV10 and RV10-BAL Half Apron/Barge Vents are prepared by the installer by cutting the RV10 / RV10-BAL in half, along the apex with a knife.

Neither the RV10 Half nor the RV10-BAL Half are sold as a product. When determining quantities, take the length of apron/barge vents needed, and order at least half the length of ProctorVent RV10 / RV10-BAL as appropriate.

| Roof Type   | Requirement for Airflow  | ProctorVent Combination |
|---|--|-------------------------|
| <b>NATIONAL CONSTRUCTION CODE 2022 VOL 1 F8D5 / ABCB HOUSING PROVISIONS STANDARD 10.8.3</b> |  |                         |
| Roof Pitches <10°   | 25,000mm <sup>2</sup> / Lm at each of two opposing ends  | FV25 and EB             |
| Roof Pitches ≥10° & <15°  | 25,000mm <sup>2</sup> / Lm at eaves / low level<br>5,000mm <sup>2</sup> / Lm at ridge / high level   | FV25 and EB<br>RV10     |
| Roof Pitches ≥15° & <75°  | 7,000mm <sup>2</sup> / Lm at eaves / low level<br>5,000mm <sup>2</sup> / Lm at ridge / high level  | FV10, EB<br>RV10        |
| Cathedral Roof ≥15° & <75°  | 25,000mm <sup>2</sup> / Lm at eaves / low level<br>5,000mm <sup>2</sup> /Lm at ridge / high level  | FV25, VB20<br>RV10      |
| <b>NATIONAL CONSTRUCTION CODE 2019 VOL 1 PART F6.4 / VOL 2, PART 3.8.7.4</b>                |  |                         |
| Roof Pitches <22°   | Total unobstructed area 1/150 of ceiling area -<br>30% at ridge / high level   | FV25, EB and RV10       |
| Roof Pitches >22°   | Total unobstructed area 1/300 of ceiling area -<br>30% at ridge / high level   | FV10, EB and RV10       |
| <b>CONTROL OF CONDENSATION AND MOULD IN TASMANIAN HOMES (CBOS VER.2):</b>                   |  |                         |
| Roof Pitches <16°   | 25,000mm <sup>2</sup> /Lm at eaves / low level<br>5,000mm <sup>2</sup> / Lm at ridge / high level  | FV25, EB<br>RV10        |
| Roof Pitches >16°   | 10,000mm <sup>2</sup> /Lm at eaves / low level<br>5,000mm <sup>2</sup> / Lm at ridge / high level  | FV10, EB<br>RV10        |
| Cathedral Roof  | 25,000mm <sup>2</sup> / Lm at eaves /low level<br>25,000mm <sup>2</sup> / Lm above insulation<br>5,000mm <sup>2</sup> / Lm at ridge / high level | FV25<br>VB20<br>RV10    |

### Installation

- Unfold the ridge vent to form a 2m length and cut to length if required. Lay the ridge vent over the apex of the roof. Use a chalk line to assist with positioning the vent an even distance from the apex.
- If required, temporarily position the vent in place with tape or fixing at each end ensuring the underside of the vent is flat against the roof.
- Remove the release liner and lightly form the aluminium flexible flashing to the high point of the roof sheet profile.
- Apply additional pressure to the flashing tape to form an air and water tight seal to the roofsheet once confident of positioning.
- When dressing down the aluminium flexible ensure that there is no detachment or stretching of the butyl sealant between the aluminium flashing and underside of the 10mm ventilation flute. Take particular care with deep trough roof profiles.
- Start at the high point of the roof profile and work towards the low point of the profile. Apply pressure from the outer edge of the flexible flashing towards the ridge.
- The aluminium flexible flashing can be notched or snipped as required to suit the roofing profile. Notching or snipping is always required on deep trough roofing profiles.
- When applied to complex profiles such as standing seam or kliplok, it may be too difficult to seal perfectly into every fold. Any gaps should be filled with a sealant.
- Butt together each section of the ridge vent, using the 10mm excess flexible flashing at the end to form an overlap.
- Continue to the end of the ridge, adhering the aluminium flexible flashing on both roof pitches.
- When the ridge vents have been installed, place the ridge flashing centrally and fix as per usual practice.
- Additional fixing screw length is required to accommodate the 12mm thickness of the vent (and ProctorVent VB10/VB20 where applicable).
- Standard ridge flashings can be used to conceal the soft edge of the ridge vent. Dress the ridge flashing accordingly over the gable/hip junction.
- Apron, abutment or barge flashings sit on top of the vent.
- 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.

### GENERAL NOTES

- Remove all moisture and dust from the roof cladding before dressing down the aluminium flexible flashing.
- Care should be taken when dressing down the aluminium flexible flashing not to
- Working temperature to install the vent is from +5°C to 35°C . Temperature resistance once installed is from: -40°C to +90°C.
- Compatibility of the Ridge Vents with chosen ridge capping system should be checked with the roofing manufacturer supplying the ridge capping.
- Vents should not be exposed to direct sunlight prior to fixing the ridge cap for more than 7 days and should be checked for any damage prior to fixing the capping.
- Please watch the online install video or call us for support.

# PROCTORVENT Ridge Vent RV10/ RV10-BAL

Continuous Ridge / Apron / Barge Vent for Metal Roofing

## ProctorVent RV10 Dimensions

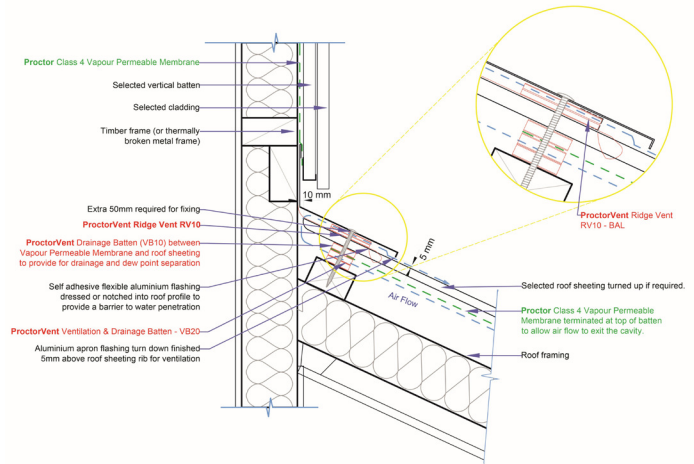
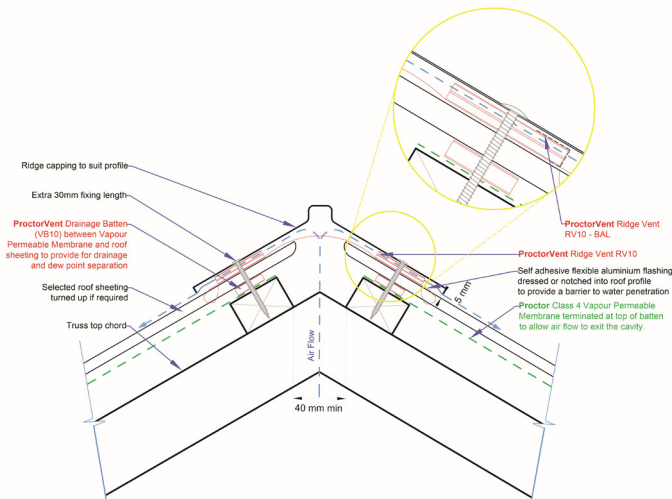
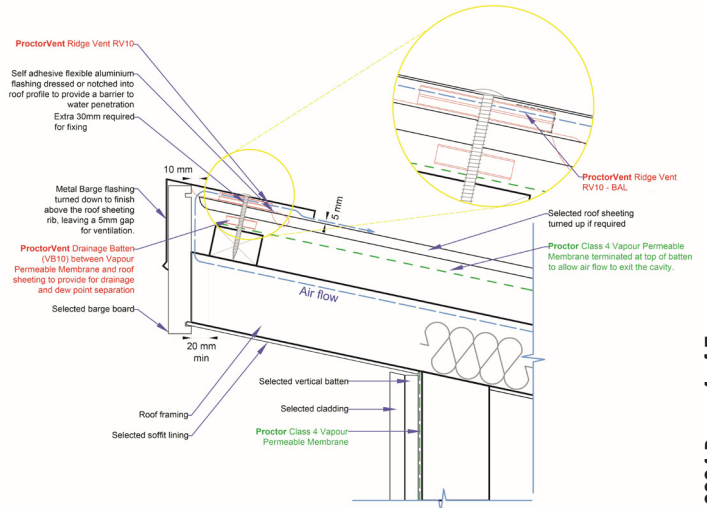
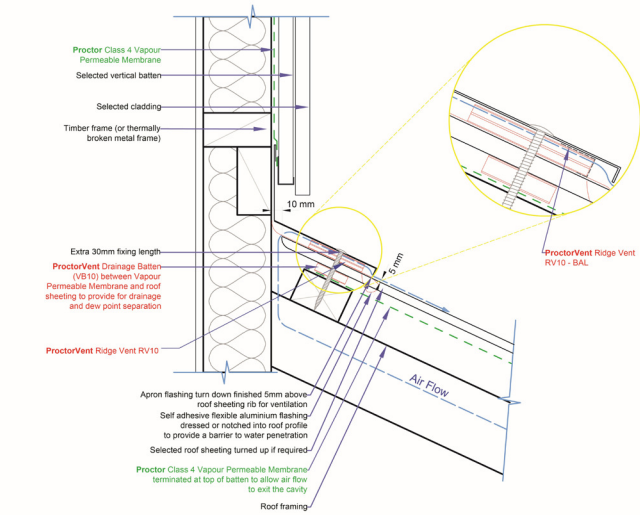


ProctorVent RV10



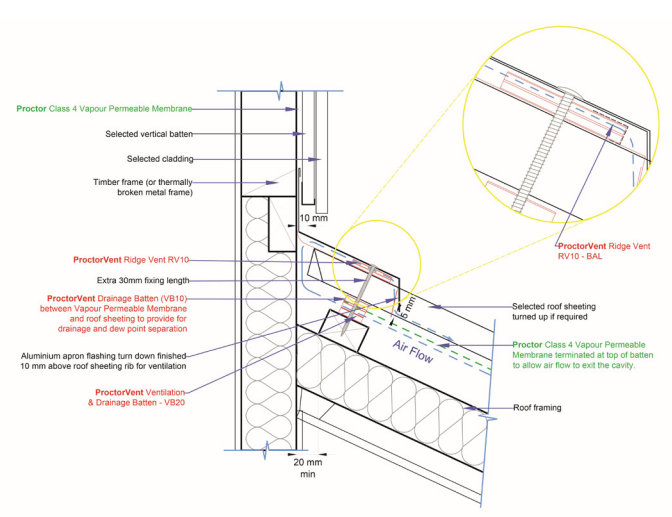
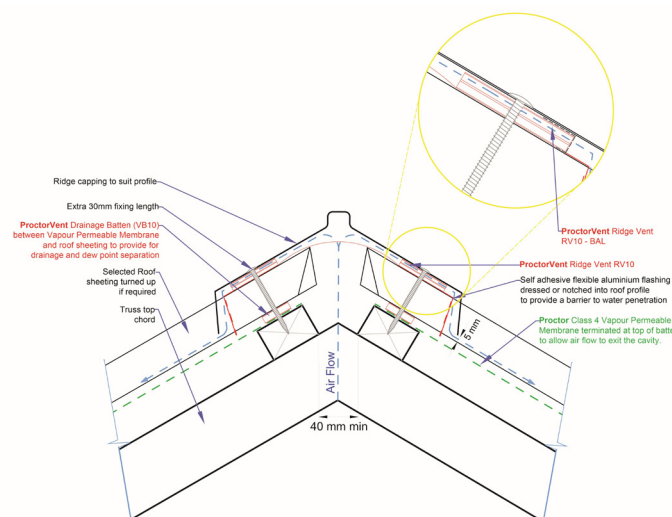
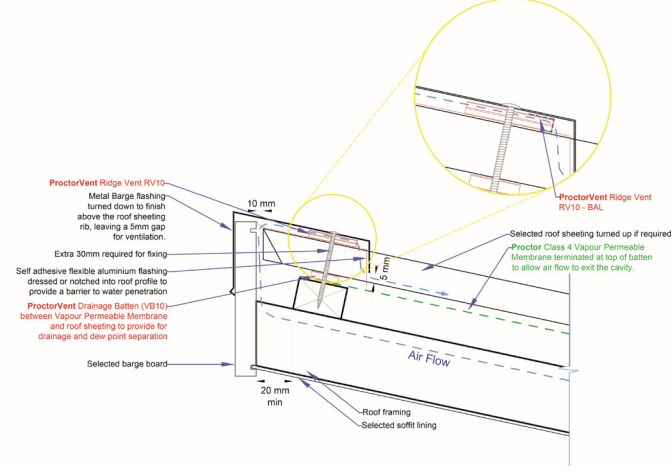
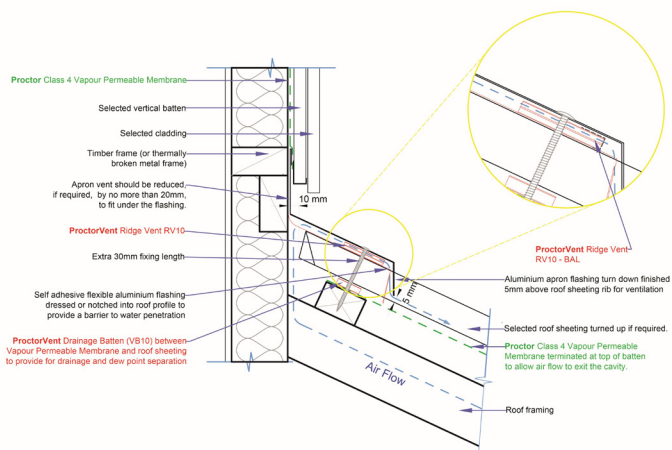
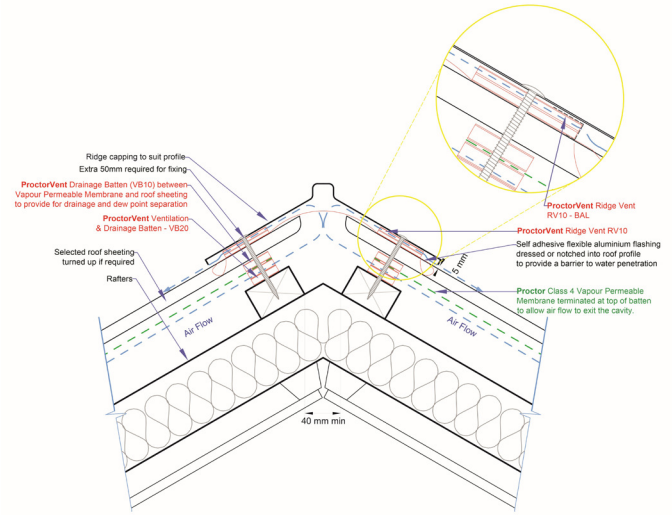
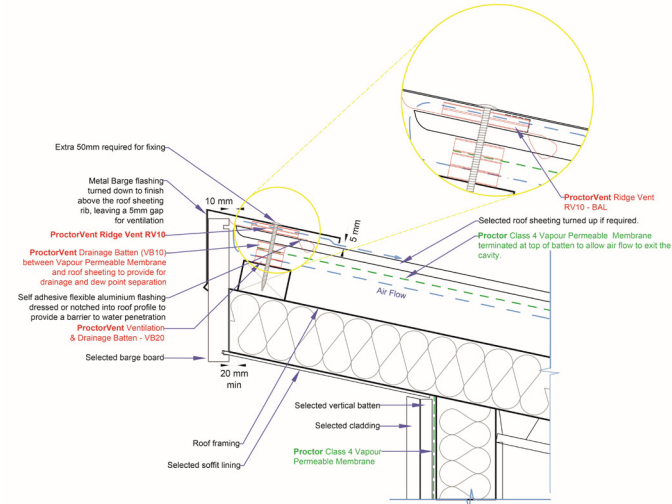
ProctorVent RV10-BAL

## ProctorVent RV10 Example Applications



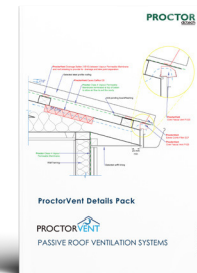
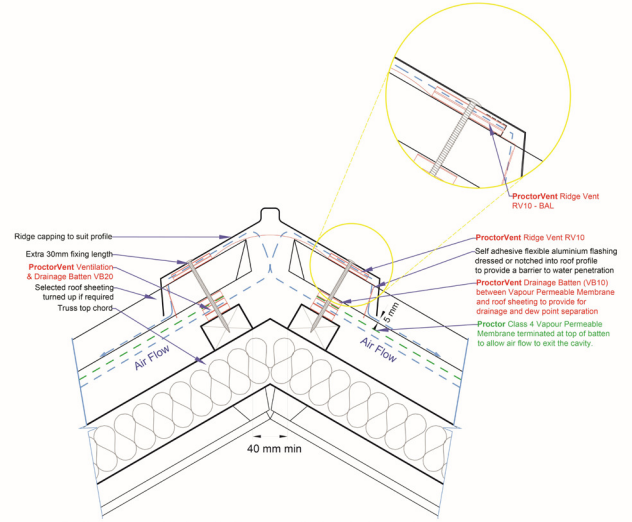
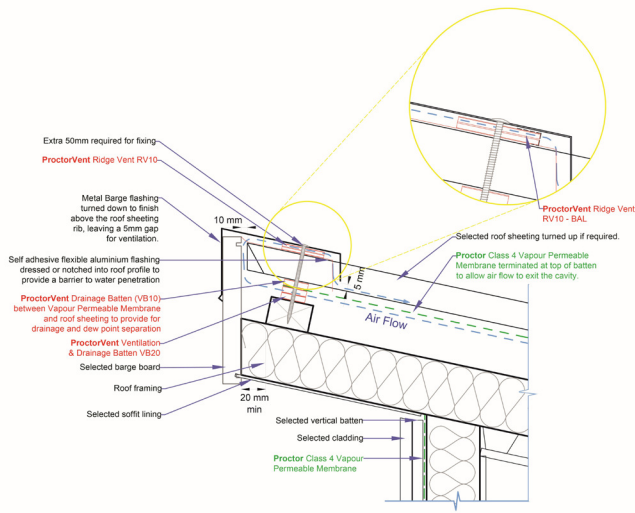
# PROCTORVENT Ridge Vent RV10/ RV10-BAL

Continuous Ridge / Apron / Barge Vent for Metal Roofing



# PROCTORVENT Ridge Vent RV10/ RV10-BAL

Continuous Ridge / Apron / Barge Vent for Metal Roofing



A variety of drawings showing the application of RV10 and RV10-BAL in varied roof assemblies is available on our website in PDF



# PROCTORVENT Ridge Vent RV10/ RV10-BAL

Continuous Ridge / Apron / Barge Vent for Metal Roofing

## Sample Specification

Ridge Vent shall be ProctorVent RV10/ RV10-BAL / RV10 Half / RV10-BALHalf, as required by NCC2022 Vol 1 F8D5 / ABCB Housing Provisions Standard 10.8.3 and installed in accordance with the product user guide.

- Free open area: 7,000 mm<sup>2</sup>/Lm

Available from DCTech/Proctor Group Australia.  
W: [dctech.com.au/contact/](http://dctech.com.au/contact/)

## Durability

Although ProctorVent RV10 / RV10-BAL can be left exposed temporarily during construction, the product may be damaged by careless handling or vandalism, and must not be used in installations where it could be exposed to long term UV radiation or constant high temperatures. Any damaged product should be replaced before completion. Ensure that ProctorVent RV10 / RV10-BAL is covered as soon as possible, and **not left exposed for longer than 7 days.**

## Warranty

ProctorVent RV10/ RV10-BAL is warranted for 15 years.

## Bush Fire Prone Applications

Where ProctorVent RV10 is used, and embers could be expected to be drawn into a cavity through the opening, or where required by building regulations, the vent opening must be wrapped on the exterior face by a corrosion resistant, non-combustible mesh with maximum aperture of 2mm, independently tested to meet the physical properties required by AS3959-2018 Amdt. 1. The RV10-BAL is supplied pre-wrapped with a compliant stainless steel mesh

## Handling and Storage

Products must be protected from direct sunlight, high temperatures and physical damage, and should be stored flat and under cover.

## Health & Safety

Take care when working on roofs and follow all guidance and industry good practice guidelines.

## Product Performance

ProctorVent RV10 / RV10-BAL performs to specification in normal building applications when installed in accordance with this product guide. The information herein is supplied in good faith and to the best of our knowledge was accurate at the time of publication. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and specific requirements.

## Technical Data

| Criteria     |                      | Result                     |
|--------------|----------------------|----------------------------|
| Free Airflow | RV10 (per pitch)     | 7,000 mm <sup>2</sup> /Lm  |
|              | RV10-BAL (per pitch) | 5,000 mm <sup>2</sup> /Lm  |
|              | RV10 (duo pitch)     | 14,000 mm <sup>2</sup> /Lm |
|              | RV10-BAL (duo pitch) | 10,000 mm <sup>2</sup> /Lm |

## Dimensions & Packaging

| Product          | Ridge Vent Dimension |            |            | Packaging weight and dimension |            |            |                 | Vents per pack<br>(Total linear metre) | Packs per pallet<br>(Total linear metre) |
|------------------|----------------------|------------|------------|--------------------------------|------------|------------|-----------------|--|--|
|                  | Height (mm)          | Width (mm) | Length (m) | Height (mm)                    | Width (mm) | Length (m) | Weight (kg/box) |  |  |
| ProctorVent RV10 | 10                   | 360        | 2,000      | 210                            | 390        | 1,050      | 9               | 5                                      | 10                                       |

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