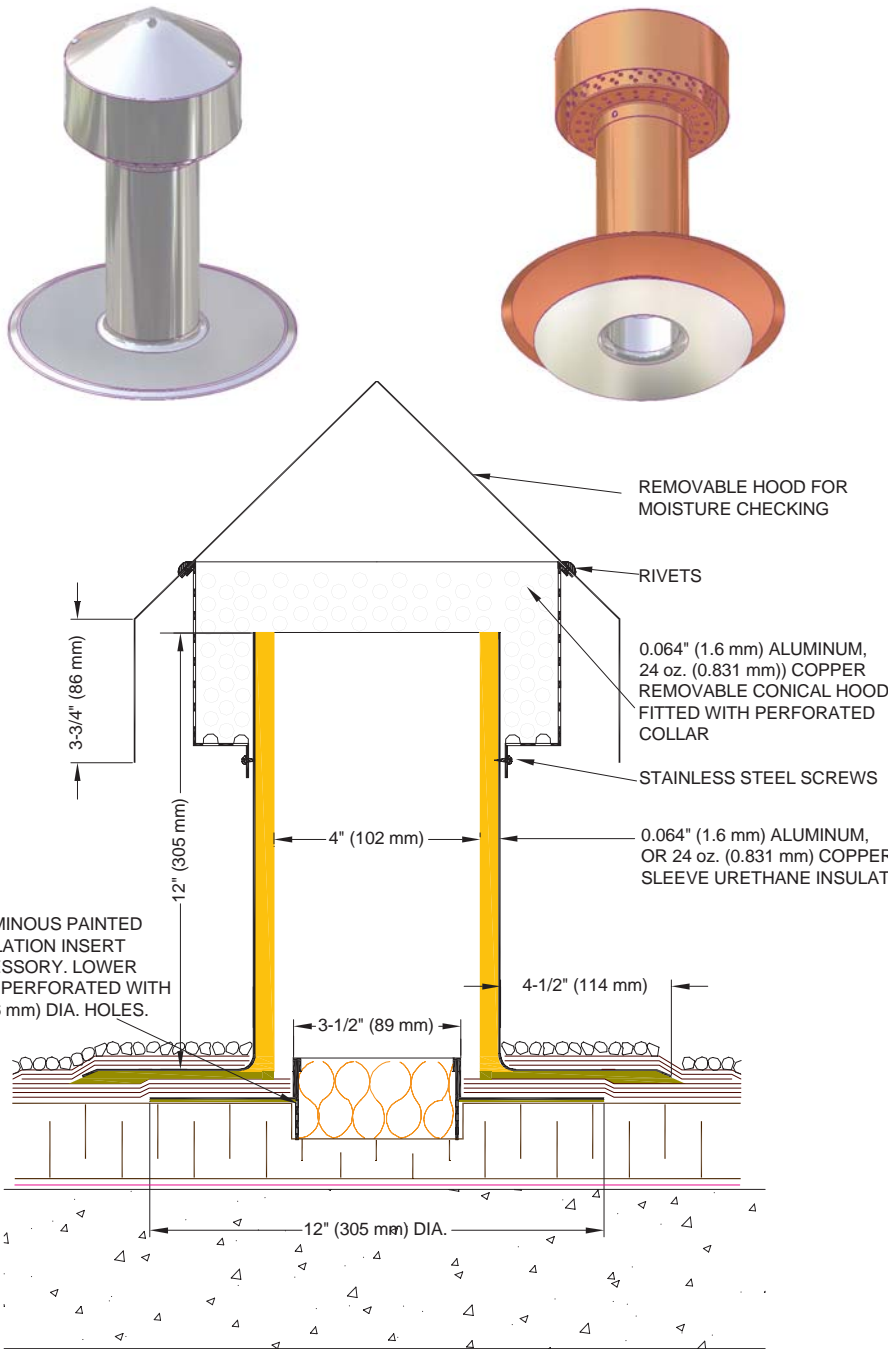


**RV-2A/-RV-2C  
RELIEF VENT**



**DESCRIPTION**

Thaler RV-2 Relief Vents consist of a metal vent with integral deck flange, removable conical hood fitted with perforated collar, thick premolded urethane insulation, T-8 bitumen protection sleeve, mineral wool insulation that aids in venting any moisture vapour accumulating in the roof assembly. Available in aluminum (RV-2A), and copper (RV-2C).

**Spacing:** One vent per 1000 sq.ft. (92.9 m<sup>2</sup>) of roof is recommended.

**Prominent Features:** Helps prevent ridging, buckling and blistering of roof membrane by permitting the escape of moisture vapour, other gases and their resultant pressure to the ambient air. Hood configuration facilitates draining of any condensation via the perimeter vent holes (note: insulated sleeve is superior to RV-1 vents with regard to preventing condensation). Upstand on insert accessory acts as a "dam" in the event exterior water is able to penetrate membrane/deck flange interface. Helps keep insulation dry. Hood is removable for checking vent space condition e.g. dryness of roof or presence of moisture. Perforated collar prevents the entry or nesting of birds etc.

**RECOMMENDED USE**

Suitable for all flat/low slope roofs. Primarily designed for built up roofing (BUR) and modified bitumen roofing, or single ply roofs providing the deck flange has been treated for proper weld with the single ply, e.g. PVC coated deck flange for PVC membrane or contact cement coated deck flange for EPDM membrane. Consult Thaler representative for other single plys.

**WARRANTY**

20 year warranty against defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

**MAINTENANCE**

No maintenance required (maintenance free).

**SPECIFICATION (Short Form)**

**Relief vents:** Thaler [RV-2A] [RV-2C] standard 12" (305 mm) high, 4" (102 mm) I.D., relief vent consisting of [.064" (1.6 mm) mill finish 1100-0T alloy aluminum][24 oz. 0.032" (0.831mm) copper] integral deck flange, removable conical hood fitted with perforated collar, thick premolded urethane insulation and .064 (1.6 mm) aluminum T-8 bitumen protection sleeve accessory; [bituminous painted deck flanges][PVC coated deck flanges][plain deck flanges]; manufactured by Thaler Metal Industries, 1-800-387-7217 (Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against defects in materials and/or manufacture.

**INSTALLATION**

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler Relief Vents are installed at recommended spacing by first cutting out the insulation to a depth of vapour barrier x 3-1/2" (89 mm) diameter to accommodate the T-8 bitumen protection sleeve. Then place the T-8 bitumen protection sleeve, dry, over an insulation joint (T joint is best) and mineral wool insulation.

**BUR:** Install membrane over T-8 bitumen protection deck flange. Set relief vent deck flange in layer of plastic cement over membrane and flash in with 3 overlapping layers of felt flashing.

**ModBit:** Install membrane over T-8 bitumen protection deck flange. Torch membrane until bitumen is fluid and set relief vent deck flange into fluid. Flash in flange with two overlapping layers of ModBit and seal with asphalt sealer.

**Single Ply:** Install membrane over T-8 bitumen protection deck flange and weld membrane to coated deck flange. Note: for PVC membrane, specify PVC coated deck flanges by adding suffix P to end of model number e.g. RV-2A-P; weld roofing to deck flange using PVC torch. Set relief vent deck flange in layer of membrane adhesive and flash in with single ply as per membrane manufacturer's recommendations.

Note: for EPDM, coat deck flanges on site with contact cement before torching membrane to both T-8 bitumen protection and relief vent deck flanges.

**Ordering and Availability:** Specify flashing material required by adding appropriate suffix to model number e.g. RV-2A, for aluminum, etc. Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.