

# KimaAir Inside→Out Undertile Roofing Vent

## TECHNICAL DATA & INSTALLATION GUIDE



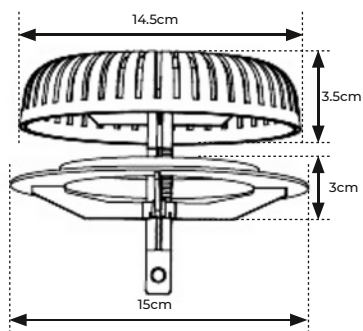
### PRODUCT OVERVIEW

The KimaAir Inside-Out vent is designed for use on existing roofs to protect against condensation in the roof space. Highly economical and fast to install, KimaAir vents sit concealed beneath the tiles, offering a new way of providing roof space ventilation. Unlike the KimaAir Outside-In version for new projects, the Inside-Out unit is for existing roofs and is retrofitted from inside, and is ideal for those projects where condensation is already a problem.

### Features and Benefits

- Efficient ventilation of roof spaces to help prevent condensation
- Retrofitted from the inside, making expensive external works unnecessary
- Hidden vent design provides enhanced roof aesthetics
- Quick, one-person installation using "Snap-Lock" fitting
- Can be fitted into all types of roofing underlay from 0.2 – 25mm
- May provide a perfect solution for parts of the roof that are too small for other vent types
- Flexible and highly durable

### Technical Data



**Usage:** Can be fitted into all kinds of roofing underlay materials, including bitumen, from 0.2 – 25mm

**Fitting Area:** The KimaAir vents require the batten cavity (above the underlay) to have a minimum depth of 4cm to accommodate the grill section.

**Ventilation:** Area per unit is 56cm<sup>2</sup>

**Coverage:** A typical roof would accommodate 35 vents per 100m<sup>2</sup>

**Material:** Polypropylene

**Colour:** Anthracite black

**Certification:** ISO 3302-1, Class M2

**Unit weight:** 72 grams

**Waste disposal:** 100% recycled

### Installation

The KimaAir Inside-Out is suitable for the vast majority of pitched roof configurations. However, in rare cases such as in very old properties, the rafters might sometimes be too close together to provide sufficient space between them to accommodate the unit. Therefore, by referring to the dimensions above, care should be taken first to ensure that there is adequate room for the vents to be fitted.



**1** Mark out the location for a 111mm diameter hole on the underlay



**2** Once the location is confirmed, cut the hole in the underlay using a knife or jigsaw



**3** Holding firmly onto the fixing strip, squeeze the grill section of the KimaAir Inside-Out and push through the hole



**4** Feed the fixing strip through the centre of the lower section - the underlay should be between the lower section (inside) and the grill section (outside)



**5** Press the lower section against the underlay and pull the fixing strip to tighten and lock the two sections together



**6** Cut off the excess of the fixing strip approx. 1cm above the lower section



**7** The KimaAir Inside-Out is now installed



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### Contact

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manufactured in Denmark by  
Kima Roofing Accessories and is  
fully patented  
Patent number PR178067



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