

Insulation layer for underpressure vents

# VILPE Alipai 160 insulation set



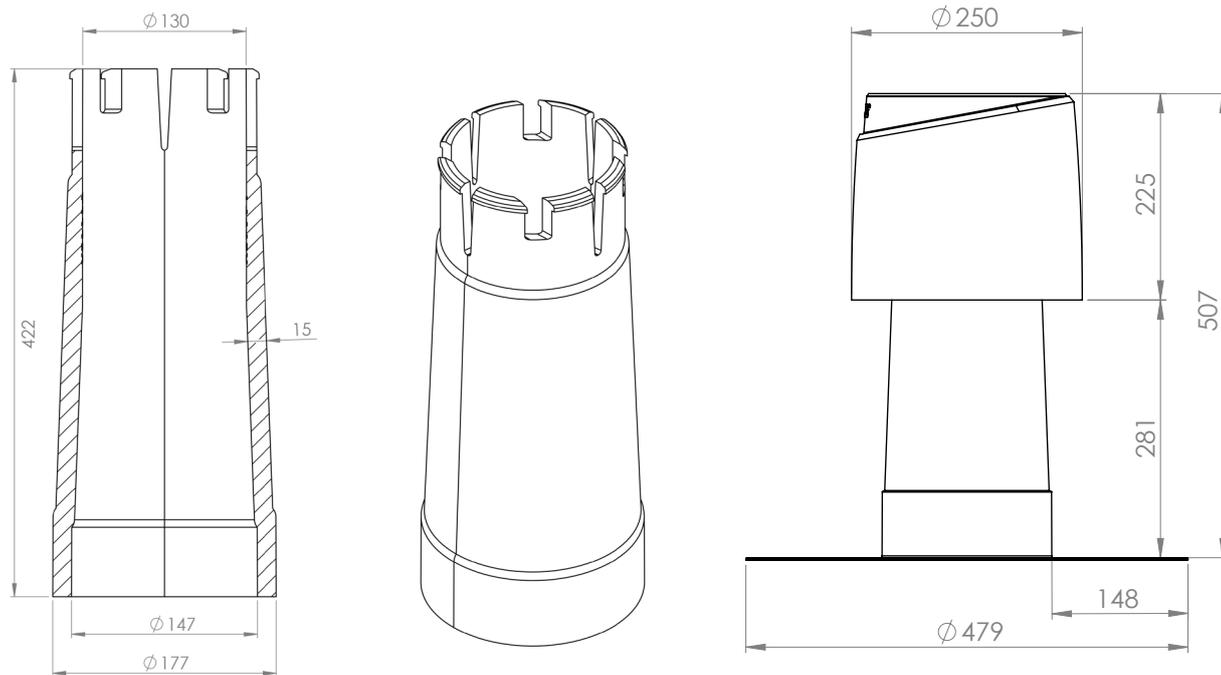
## Insulation layer for Alipai 160 for condensation prone buildings

Alipai underpressure vents ventilate roof structures and ensure efficient moisture removal. VILPE's new insulation set for Alipai 160 is made of ESP and prevents condensation. The insulation layer suits buildings where the structures are moisture-prone and the risk of condensation is higher than usual. In comparison to using several Alipai 110 underpressure vents, the increased inner diameter (130 mm) of the Alipai 160 with insulation layer will cut down on the number of products needed, which in turn will save you time and money during the installation phase. One insulated Alipai 160 covers the ventilation needs of an area of 130 m<sup>2</sup>.

Condensation prone structures often have longer distances, typically over 15 meters, between air intake and exhaust ventilation cavities or grooves in the insulation. Also, in climates where rapid temperature fluctuations are common, the risk of condensation is especially high. Leaks in the vapour barrier are another risk factor, as these often lead to moisture building up in the insulation layer. Buildings with a high humidity environments, such as swimming halls or bath houses, also run a high risk of condensation related structural moisture problems. All of these issues can be remedied however with adequate structural ventilation.



## Measures



## Installation

The insulation layer consists of two parts, which are installed inside the product on the construction site. When installing the product, one must consider the direction of the upper part of the insulation layer, as it will determine the position of the cowls.

## Material

- EPS (Polystyrene)

## Product numbers

Name	Product number	Contents	Pallet
Alipai 160 insulation set	730192	Insulation for 6 (pc) Alipai (2 x 6 parts)	15 packages/pallet (90 pairs) EUR240