

# Roof hood

VH



## Description

Roof hood VH is constructed as outdoor air inlet for both industrial and comfort ventilation, but can also be used as exhaust air hood.

The hood is made of galvanized steel sheet, but can on order also be delivered in other materials like stainless steel, aluminium and powder painted sheet metal in different colours. It is provided with net and sleeve, which secures an effective protection against rain, falling leaves etc.

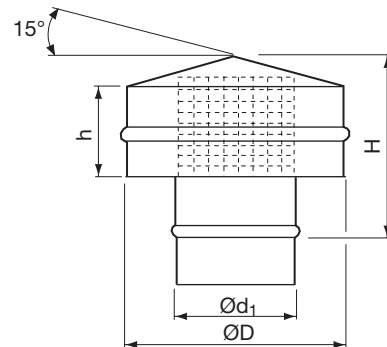
The standard design is with a coupling connection, but the hood can on order be delivered with flange or connection as desired.

VH can also be delivered in intermediate dimensions.

Note:

When used as an air inlet hood it is recommended that the velocity in the connection duct is kept below 5 m/s in order to avoid water to be dragged in.

## Dimensions



| Ød <sub>1</sub><br>nom | ØD<br>mm | h<br>mm | H<br>mm | Free area<br>net<br>m <sup>2</sup> | Free area<br>D-d <sub>1</sub><br>m <sup>2</sup> | m<br>kg |
|------------------------|----------|---------|---------|------------------------------------|-------------------------------------------------|---------|
| 80                     | 180      | 60      | 133     | 0,013                              | 0,020                                           | 0,70    |
| 100                    | 180      | 60      | 133     | 0,017                              | 0,018                                           | 0,70    |
| 125                    | 224      | 60      | 139     | 0,022                              | 0,027                                           | 0,90    |
| 160                    | 290      | 60      | 148     | 0,029                              | 0,046                                           | 1,10    |
| 200                    | 360      | 100     | 197     | 0,056                              | 0,070                                           | 1,90    |
| 250                    | 450      | 100     | 228     | 0,077                              | 0,110                                           | 2,60    |
| 315                    | 570      | 100     | 244     | 0,105                              | 0,177                                           | 4,10    |
| 355                    | 720      | 150     | 337     | 0,167                              | 0,308                                           | 6,00    |
| 400                    | 720      | 150     | 337     | 0,186                              | 0,281                                           | 6,20    |
| 450                    | 810      | 150     | 349     | 0,219                              | 0,356                                           | 7,20    |
| 500                    | 900      | 200     | 411     | 0,316                              | 0,440                                           | 11,2    |
| 560                    | 1080     | 200     | 435     | 0,371                              | 0,670                                           | 12,0    |
| 630                    | 1135     | 200     | 442     | 0,421                              | 0,700                                           | 12,8    |
| 710                    | 1280     | 200     | 482     | 0,486                              | 0,891                                           | 14,5    |
| 800                    | 1440     | 200     | 503     | 0,574                              | 1,126                                           | 18,0    |

## Ordering example

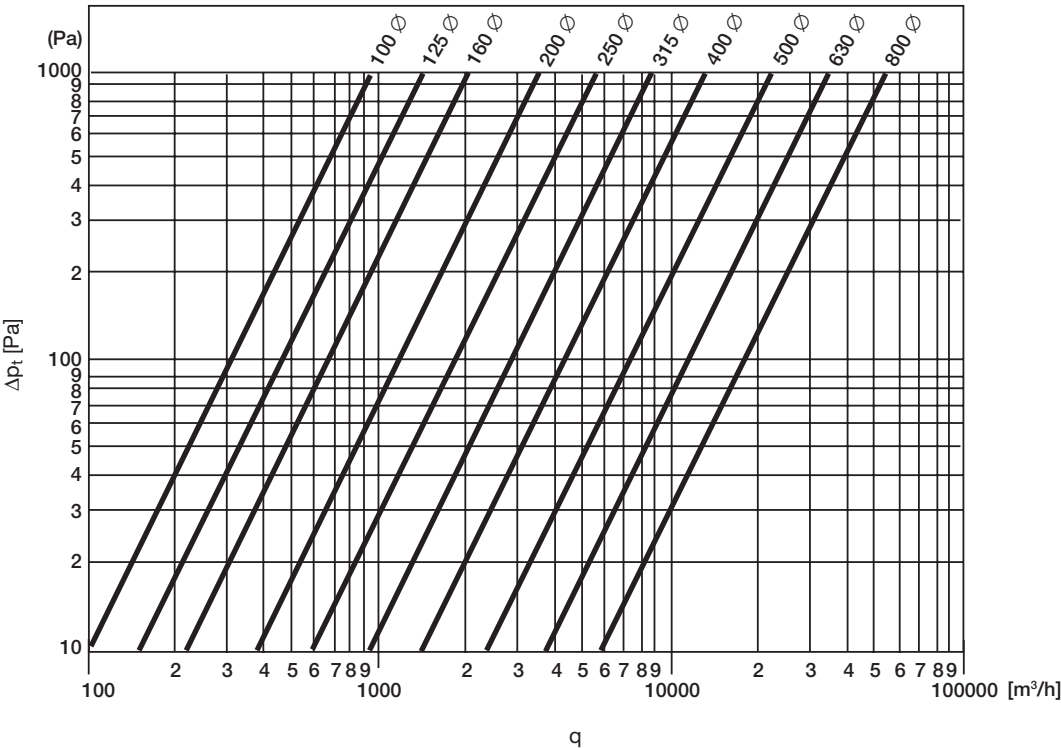
|                           |    |     |
|---------------------------|----|-----|
| Product                   | VH | 250 |
| Dimension Ød <sub>1</sub> |    |     |

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## Technical data

### Extract air



### Outdoor air

