

Roof hood

VHL



Description

The VHL lamella hood is developed specially to achieve an architectally correct ending of air intake and outlet on the roof.

The lamella hood is as standard delivered in galvanised design, can also be delivered in black powder coating.

In order to achieve a harmonic transition from duct to hood, the connection to the hood can be chosen either as a duct or as a roof transition (e.g. GISOL or GISOLP) with its dimensions corresponding to ØD, below the roof the duct may be reduced to Ød1 (see mounting proposal 1).

The lamella hood can well also be mounted directly on a duct with the diameter Ød1 (see mounting proposal 2).

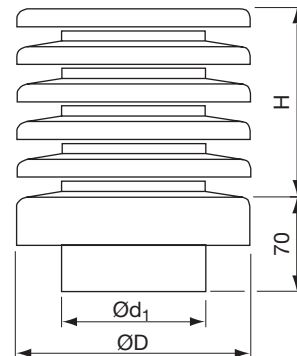
When connecting to the roof through connection TGR, the special transition piece TGR-VHL must be used (see page 29).

Standard colours, see page 3.

Ordering example

| | | | | |
|--------------------|------------|------------|------------|----------|
| | VHL | 125 | 250 | S |
| Product | | | | |
| Dimension Ød | | | | |
| Dimension ØD | | | | |
| Colour, if desired | | | | |

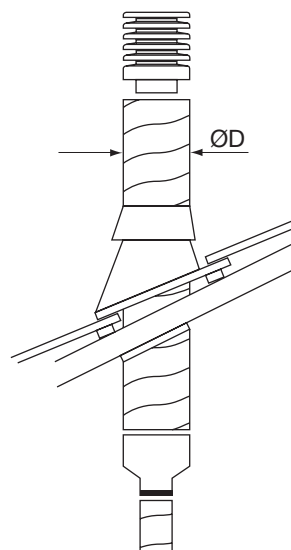
Dimensions



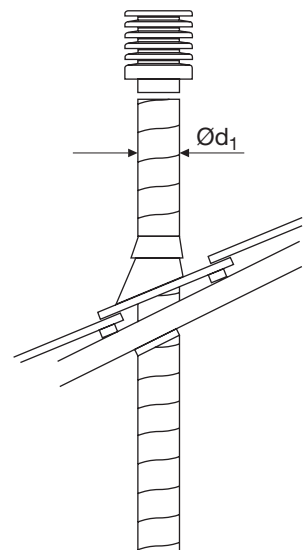
| Ød nom | ØD [mm] | H [mm] | Free area m ² | m kg | Outdoor air max. rec. * *m ³ /h | Roof through connection TGR | |
|-----------|------------|-----------|--------------------------------|---------|--|--------------------------------------|---------------------|
| | | | | | | 50 [mm] Size | 100 [mm] Size |
| 100 | 224 | 110 | 0,019 | 1,40 | 175 | 3 | 3 |
| 125 | 250 | 145 | 0,033 | 1,90 | 270 | 3 | 4 |
| 160 | 280 | 180 | 0,055 | 2,30 | 430 | 3 | 4 |
| 200 | 315 | 250 | 0,100 | 3,40 | 690 | 3 | 4 |
| 250 | 400 | 250 | 0,125 | 5,20 | 1000 | 4 | 5 |
| 315 | 450 | 290 | 0,182 | 8,70 | 1600 | 5 | 6 |
| 400 | 560 | 370 | 0,306 | 13,4 | 2600 | 5 | 6 |
| 500 | 630 | 410 | 0,441 | 15,2 | 3900 | 6 | 7 |

* Recommended maximum air flow when use of VHL as intake hood. H = building in measure.

Alternative 1



Alternative 2

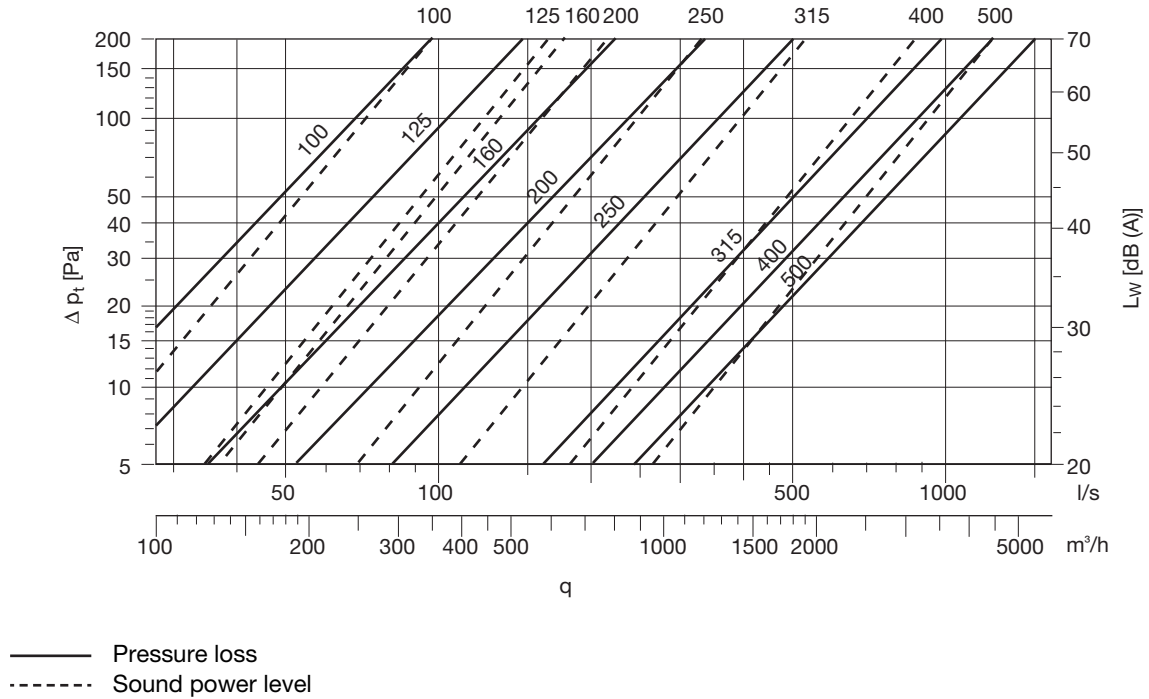


Roof hood

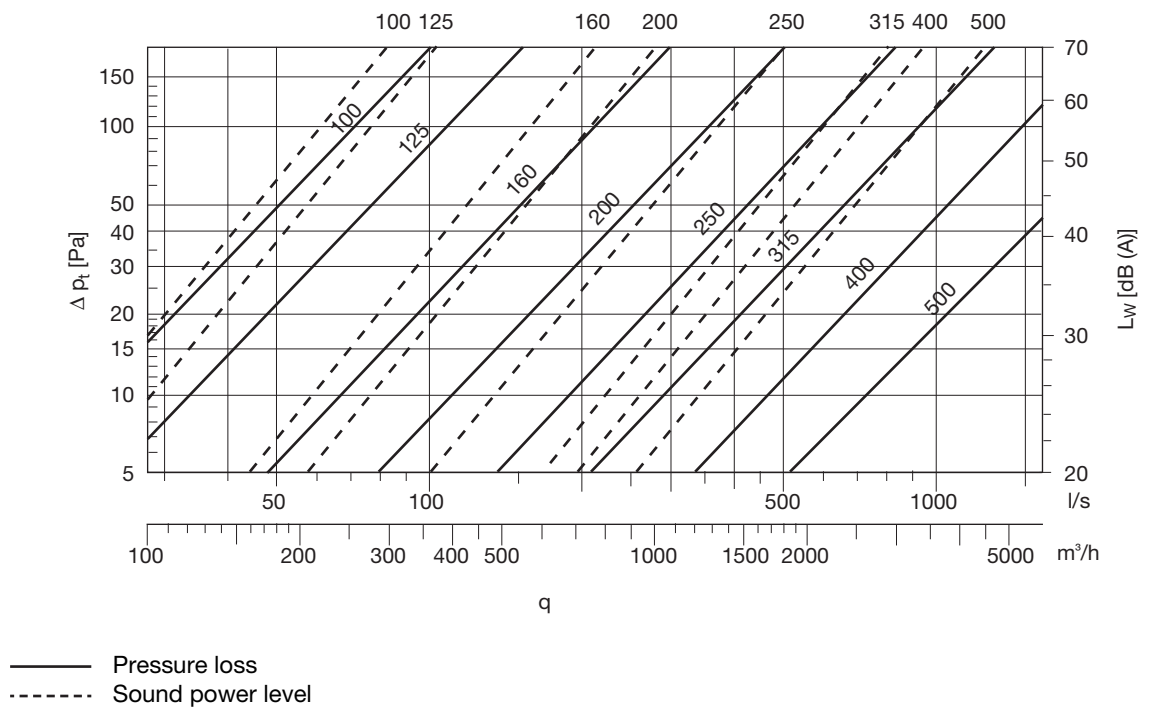
VHL


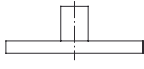






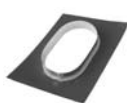





Technical data

Outdoor air



Extract air



| | | | | | | | | | |
|---|---|---|--|---|---|---|--|--------------------------------|--|
| Roof hood | VHL  | | | | | | | | |
| Roof transition connection piece, upper | | | | | TGR-VHL  | Sits around the roof transition | | | |
| Roof transition | SR  | SRI  | SRIP  | | | VHING / VHINP  | Roof weather protection, outer | | |
| | | | | | GISOL / GISOLP  | TGR  | UG  | Roof weather protection, inner | |
| | | | | | | | MG / MGL  | Vapour membrane | |
| | | | | | | | SBG1  | Roof transition fastener | |
| Roof transition connection piece, lower | | | | | TGR-NA  | | | | |
| Ducting | SR  | | | LKR  | | | | | |

This diagram shows principally all possible combinations of how the products can be joined together. Normally only one alternative is chosen and sometimes some options are omitted.

For some combinations the needed size of a product isn't presented in the catalogue. In these cases the size needed most often can be produced and delivered to order.