

Stainless Steel Hood Vent w/ Mesh

Maximum protection from alpine and snowy regions.

Description:

The Stainless Steel Hood Vents are engineered for optimal airflow featuring an internal gravity flap that opens to release air and closes when not in use, effectively preventing wind drafts, pests, and vermin from entering the system. Constructed from high-quality 316 Marine Grade Stainless Steel, the Hood ensures durability and reliability in coastal and alpine areas. Additionally, the mesh is made of 316 Marine Grade Stainless Steel and **complies with BAL40 (Bushfire Attack Level).**

Installation:

The Dome is only suitable for through the wall installations. To efficiently exhaust the Dome must be screwed into a surface.

Components:

- | | |
|-----------------------------------|----------------|
| 1. Stainless Steel Hood Vent | 3. Screws |
| 2. Mesh Insert (Already Attached) | 4. Rubber Seal |

Construction:

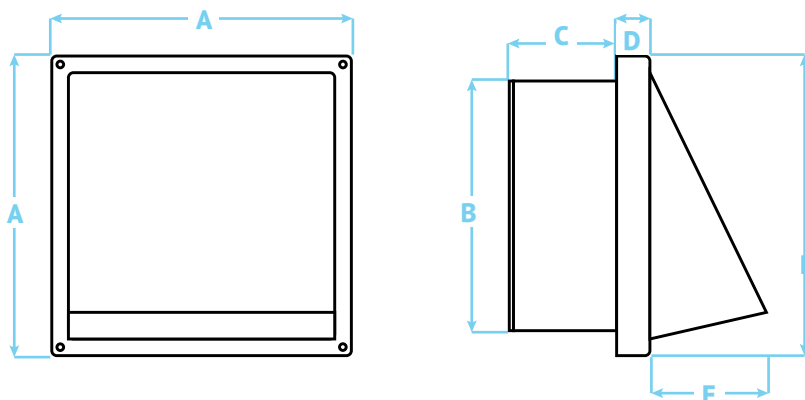
The Hood is constructed from 316 Marine Grade Stainless Steel while the mesh surrounding is constructed from 316 Marine Grade Stainless Steel.



The diameter of the mesh wire is 0.2mm and has 16 holes per square centimetre



Dimensions (mm)						
Model No.	A	B	C	D	E	F
HVSS100	150	100	52	15	55	150
HVSS125	180	125	52	20	70	180
HVSS150	180	150	62	20	70	180



Please Note: Being Stainless Steel constructed our vents comply to BAL40 (Bushfire Attack Level 40) when used with supplied cinder mesh insert. It is recommended that a qualified tradesperson is used to install the Hood and any through the wall ventilation.

Stainless Steel Hood Vent w/ Mesh

Complies:

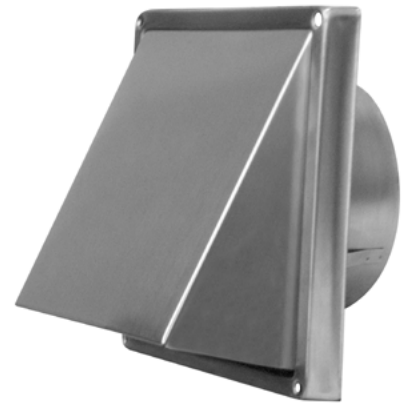
The Stainless Steel Hood Vents comply with BAL40 (Bushfire Attack Level) requirements when used with the supplied cinder mesh insert. The Hood Vent also complies with the AUS & NZ Standard Code: AS1668.2 as they are made from Stainless Steel.

Compliance with NCC Condensation Management:

The Stainless Steel Hood Vents fulfills all Condensation Management requirements under the Australian National Construction Codes (NCC) 3.8.7.3 and 3.8.7.4.

Compatible:

Deflecto highly recommends using a fire-rated flexible ducting when using the Hood Vent for any through the wall application.



Airflow:

Airflow (Outlet) with Mesh Insert

Model No.	Inner Dimensions	Wind Velocity (m ² /s)	Air Outlet Cross-Sectional Area of Air Outlet	Airflow Capacity (m ³ /s)
HVSS100	100mm	2	0.00628	31.65
HVSS125	125mm	2	0.00982	49.47
HVSS150	150mm	2	0.01414	71.25

Airflow (Outlet) without Mesh Insert

Model No.	Inner Dimensions	Wind Velocity (m ² /s)	Air Outlet Cross-Sectional Area of Air Outlet	Airflow Capacity (m ³ /s)
HVSS100	100mm	2	0.00785	39.56
HVSS125	125mm	2	0.01227	61.84
HVSS150	150mm	2	0.01767	89.06