



SNOWSHIELD

Product Brochure

Jeven

SNOWSHIELD

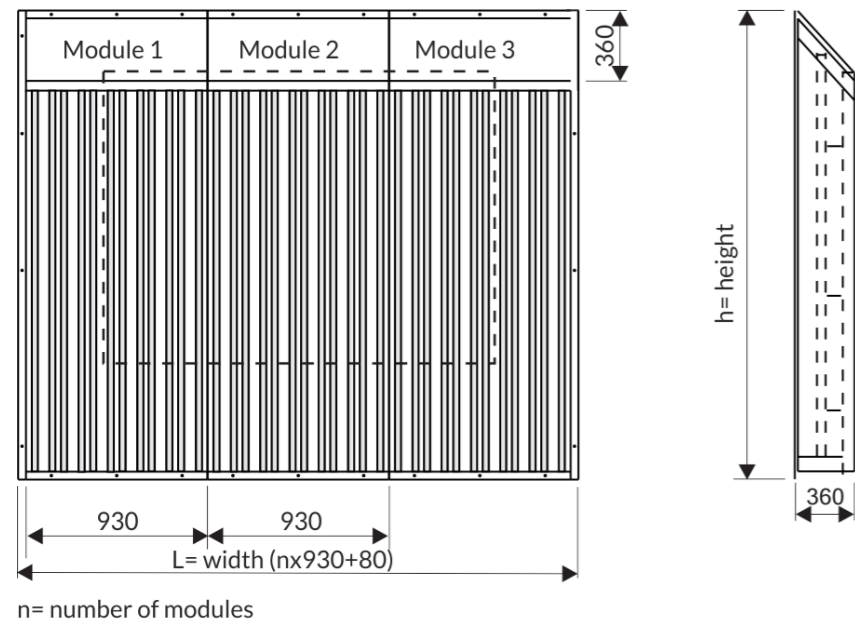
is designed for the protection of air intake vents, to prevent snow and water from entering the building. Thanks to its profile and cell structure, snow and water are separated effectively from the air flow.

The main material of SnowShield is aluminium, which makes the structure frost-free. Air intake occurs partly from the sides and bottom of SnowShield. The roof part slants and the bottom part are made of perforated aluminum.

SnowShields water separation rate is 99,8% by the front face velocity 1,2 m/s (VTT measurement report 5.5.2003).



DIMENSIONS



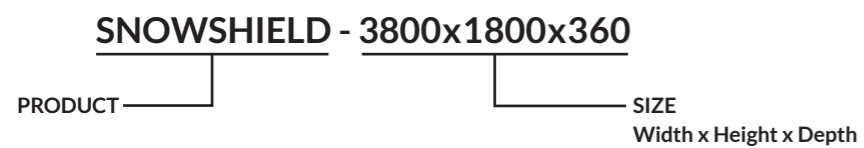
Long SnowShields are assembled on site from 930 mm wide modules. Thanks to the modular structure SnowShield is easy and quick to install. SnowShield is light, it weighs only 10 kg/m².

SnowShield is supplied as standard painted (RR/RAL colors), made of aluminum. Surface coating in 2-layered anti-rust pigmented polyurethane 2-component paint, primed with acid paint.

SnowShield should be at least 600 mm higher and wider than the air intake vent on the wall.

All dimensions in millimeters (mm).

PRODUCT CODE



SELECTION TABLES 12 Pa

Air speed max. 2 m/s.
Pressure loss with max air flow is about 12 Pa.

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x1200	0,8	600x700
1940x1200	1,5	1300x600
2870x1200	2,3	2000x600
3800x1200	3,1	2800x600
4730x1200	4,0	3500x600
5660x1200	4,8	4200x600
6590x1200	5,5	5000x600
7520x1200	6,0	6000x600
8450x1200	6,8	6500x600
9380x1200	7,6	7000x600

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x1500	1,1	600x1000
1940x1500	2,2	1300x900
2870x1500	3,3	2000x900
3800x1500	4,4	2800x900
4730x1500	5,4	3500x900
5660x1500	6,5	4200x900
6590x1500	7,7	5000x900
7520x1500	8,7	6000x900
8450x1500	9,7	6500x900
9380x1500	10,6	7000x900

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x1800	1,3	600x1200
1940x1800	2,6	1300x1200
2870x1800	3,9	2200x1200
3800x1800	5,2	2800x1200
4730x1800	6,5	3500x1200
5660x1800	7,7	4200x1200
6590x1800	9,0	5000x1200
7520x1800	10,4	6000x1200
8450x1800	11,2	6500x1200
9380x1800	12,5	7000x1200

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x2100	1,5	600x1400
1940x2100	3,1	1300x1400
2870x2100	4,6	2000x1400
3800x2100	6,2	2800x1400
4730x2100	7,7	3500x1400
5660x2100	9,2	4200x1400
6590x2100	10,8	5000x1400
7520x2100	12,4	6000x1400
8450x2100	13,5	6500x1400
9380x2100	15,2	7000x1400

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x2400	1,7	600x1500
1940x2400	3,5	1300x1500
2870x2400	5,2	2000x1500
3800x2400	7,0	2800x1500
4730x2400	8,7	3500x1500
5660x2400	10,5	4200x1500
6590x2400	12,0	5000x1500
7520x2400	13,7	6000x1500
8450x2400	15,2	6500x1500
9380x2400	16,3	7000x1500

Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x2700	1,9	600x1600
1940x2700	3,9	1300x1600
2870x2700	5,7	2000x1600
3800x2700	7,8	2800x1600
4730x2700	9,7	3500x1600
5660x2700	11,7	4200x1600
6590x2700	13,5	5000x1600
7520x2700	15,8	6000x1600
8450x2700	17,1	6500x1600
9380x2700	19,0	7000x1600

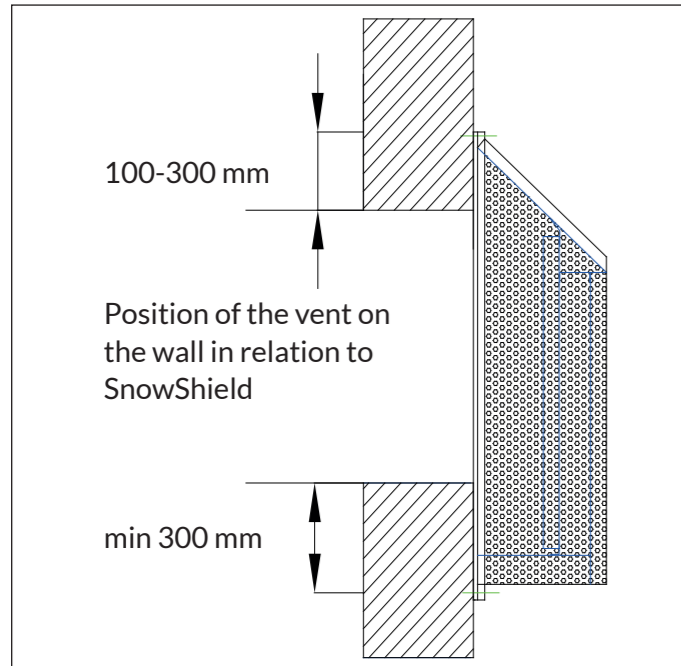
Width x Height	Max. air volume m ³ /s	Recommended vent size
1010x3000	2,2	600x1900
1940x3000	4,0	1300x1900
2870x3000	6,4	2000x1900
3800x3000	8,7	2800x1900
4730x3000	10,6	3500x1900
5660x3000	13,0	4200x1900
6590x3000	15,0	5000x1900
7520x3000	16,8	6000x1900
8450x3000	19,0	6500x1900
9380x3000	21,0	7000x1900

SELECTION TABLES 5 Pa

Selection tables of highly demanding places (pressure loss with a max air flow is about 5 Pa) are found in our web site jeven.fi:

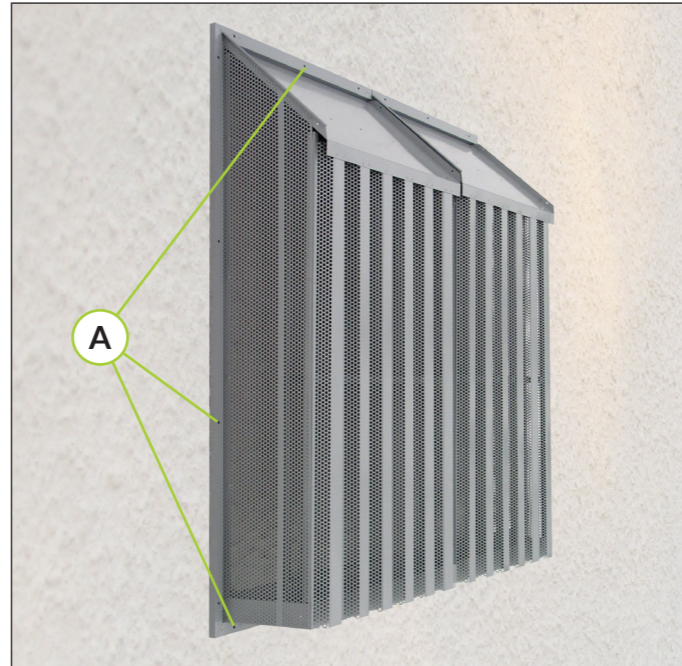
[SnowShield product page >](#)

INSTALLATION



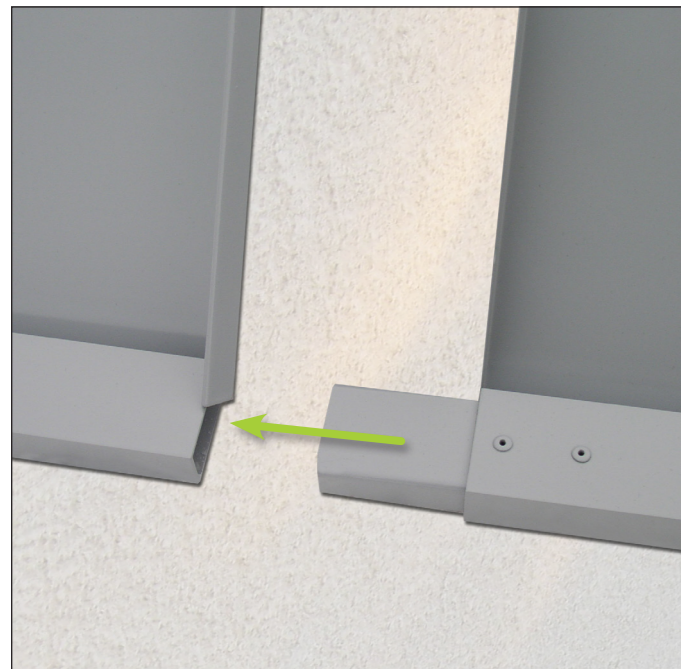
Determine and mark the position in relation to the vent on the wall.

Required exceedings: bottom >300 mm, top >100-300 mm and sides >300 mm.

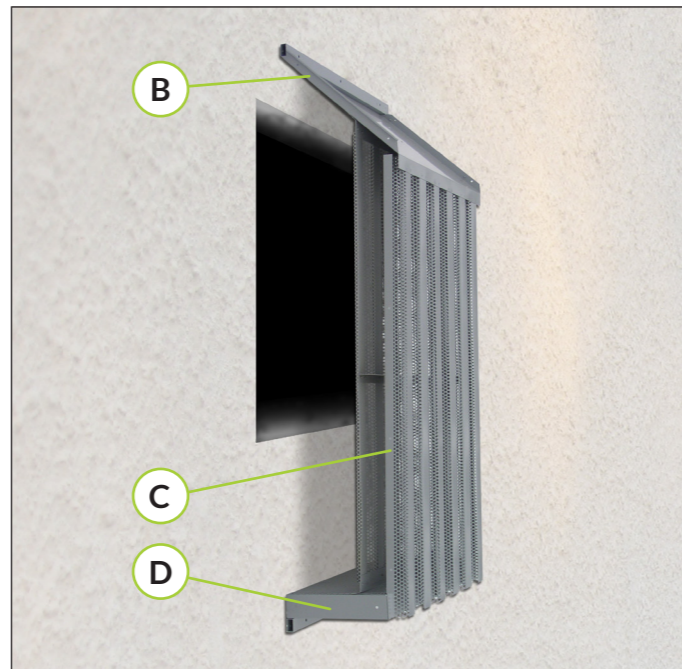


SnowShield is mounted on the wall with the attachment profile **A** with screws.

SnowShield weighs only about 10 kg/m².



Modules (hx930 mm) are connected by installing the fixing profiles on the roof and at the bottom inside another. Modules can be fastened together before or after mounting the SnowShield on the wall.



Modules are bolted together with $\varnothing 6$ mm bolts from roof profile **B**, profile lath between the modules **C** and bottom **D**.

Required bolts are included in the delivery.