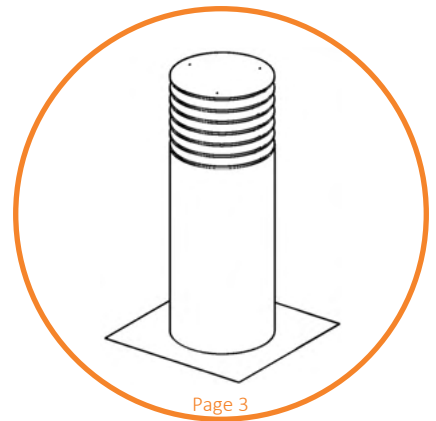
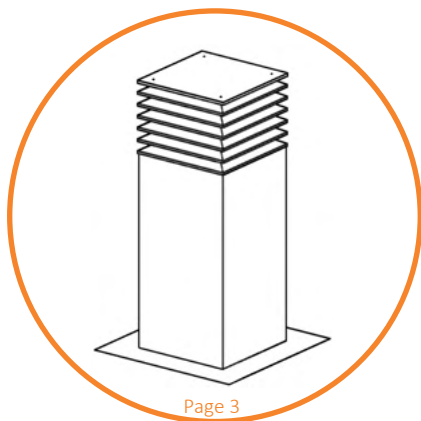
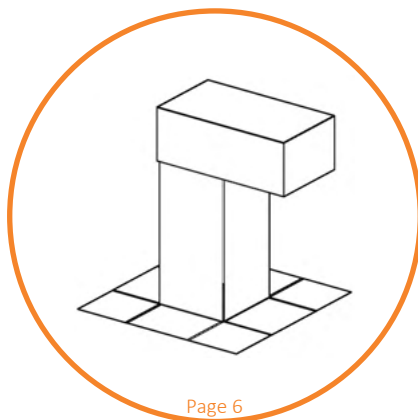
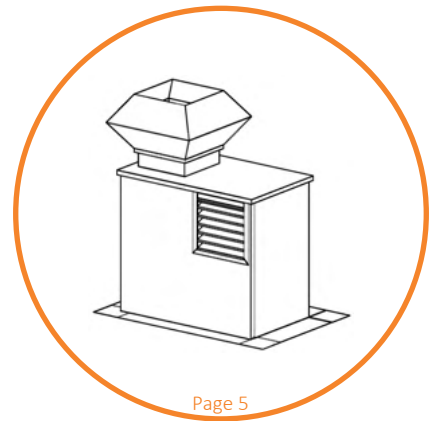
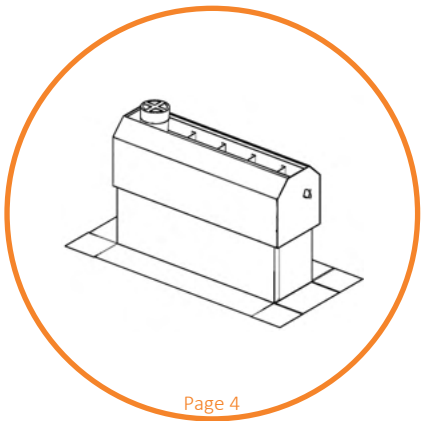


## FLAT ROOF PRODUCTS





# ANTARES AIR SYSTEM®

This innovative exhaust solution for flat roofs comprises the following three components:

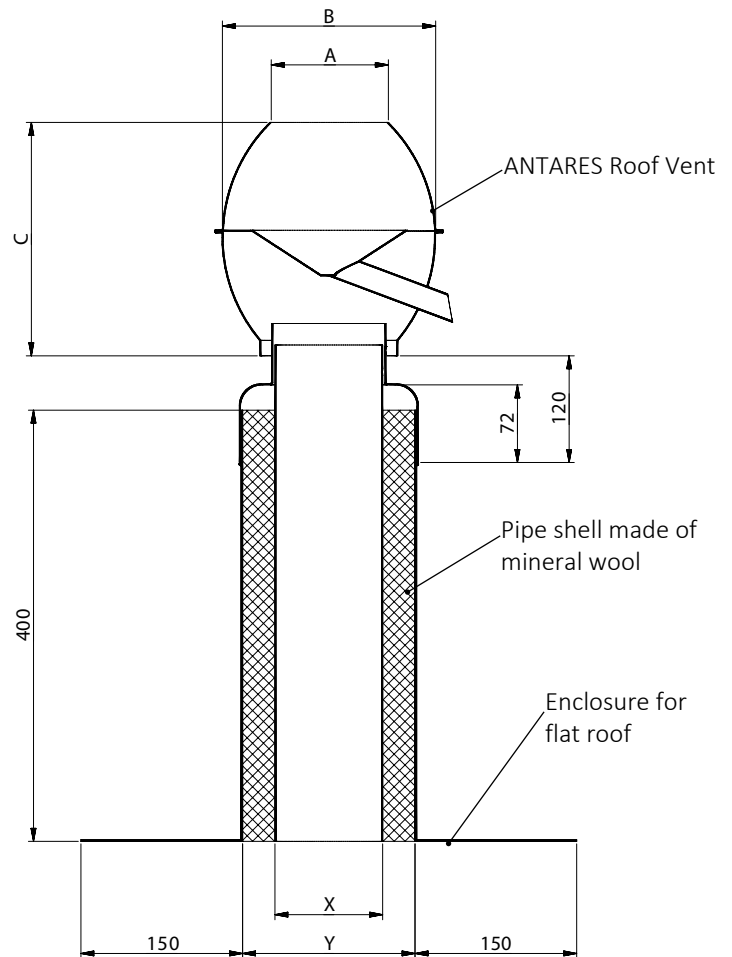
- ANTARES Roof Vent
- Pipe shell made of mineral wool, thermally insulated by 30 mm
- Enclosure with standpipe for flat roof, welded

The inner pipe of the fan fits precisely into the insulation material made of heat-resistant, non-combustible mineral wool, making it extremely compact. This makes the Antares Air System® complete and easy to install.



Tender text for the illustrated graphic:

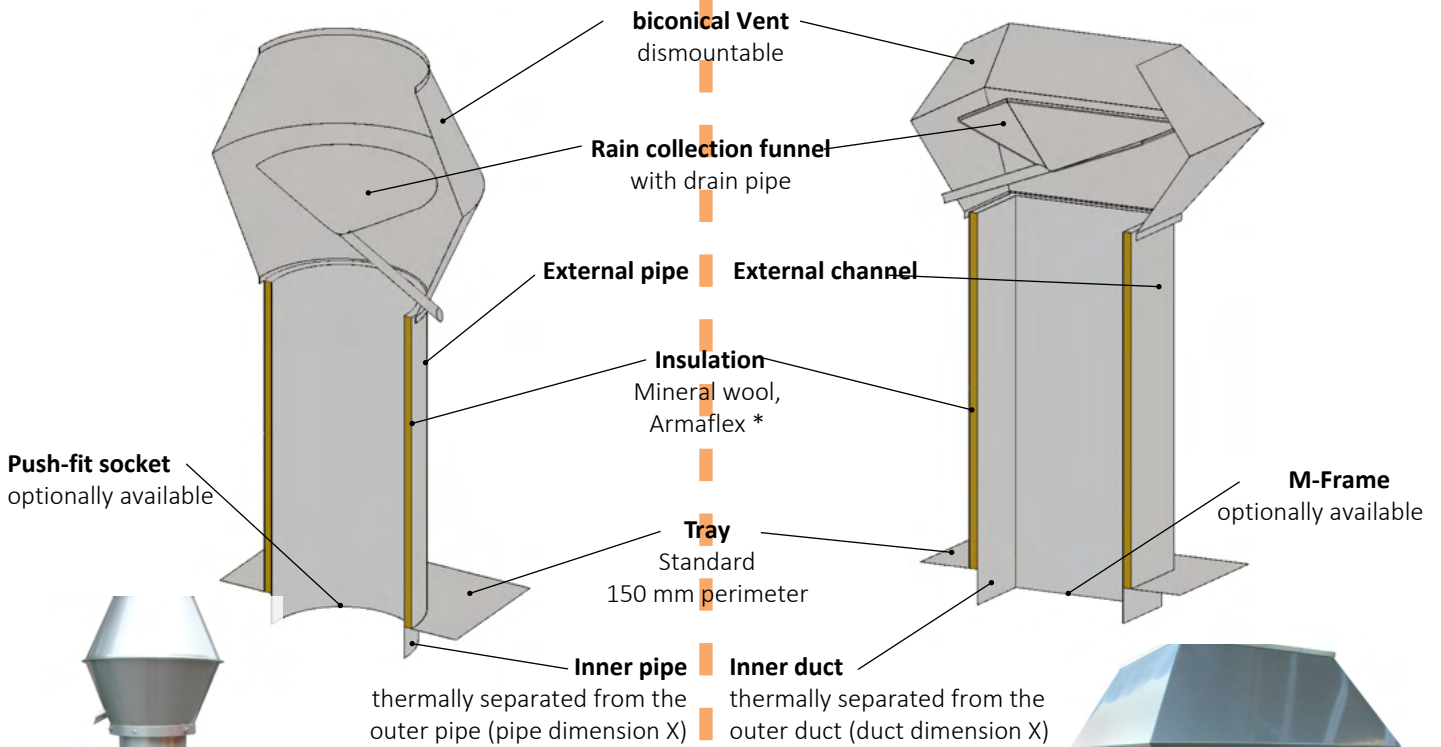
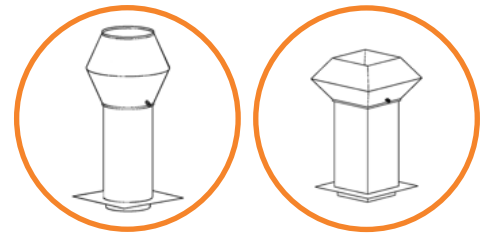
Antares Air System® made of Stainless Steel Type AMT-EF ND Ø 100/160 mm with end funnel, standpipe made of Stainless Steel, pipe shell made of mineral wool 30 mm, enclosure with standpipe for flat roof, height: 400 mm, welded



Dimensions in mm

Ø X socket size	Ø Y	Ø A	Ø B	C
80	140	90	160	180
100	160	110	198	216
125	185	145	236	265
150	210	172	286	308
160	222	172	286	308

# Roof Exhaust Vent



Tender text for the displayed graphic:  
Roof Exhaust Vent made of Stainless Steel Type ARID-F ND Ø 450/500 mm, double-walled riser pipe 1000 mm long, including tray for flat roof 0.8 mm thick, Argon welded, internally insulated with 25 mm (mineral wool)

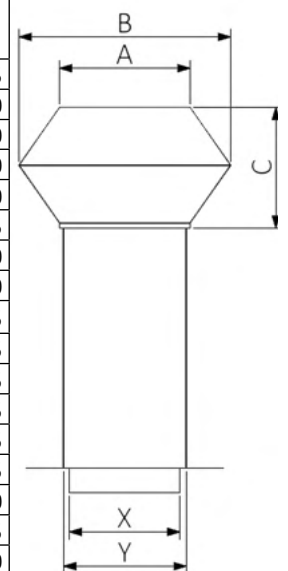
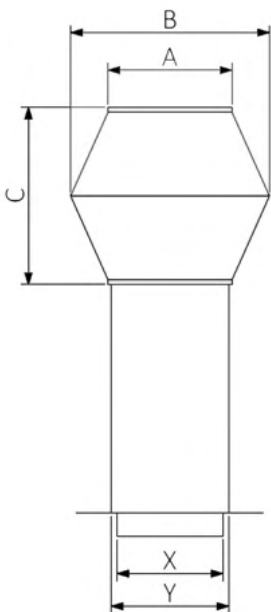
Tender text for the displayed graphic:  
Roof Exhaust Vent made from Stainless Steel Type AEID-F ND 500 x 500 mm, double-walled riser duct 1000 mm long, including tray for flat roof 0.8 mm thick, Argon welded, internally insulated with 25 mm mineral wool, inner duct made from SVZ sheet metal 450 x 450 mm

Dimensions in mm

Ø X Pipe-size	Ø Y	Ø A	Ø B	C
100	150	170	295	290
150	200	230	375	360
200	250	280	460	440
250	300	330	525	500
300	350	380	625	580
350	400	430	710	610
400	450	480	780	660
450	500	530	850	760
500	550	580	970	770
550	600	630	980	810
600	650	680	1050	810
650	700	730	1160	900
700	750	780	1270	900
750	800	830	1320	900
800	850	880	1420	980
850	900	930	1430	1000
900	950	980	1520	1000
950	1000	1030	1530	1000
1000	1050	1080	1620	1000

Dimensions in mm

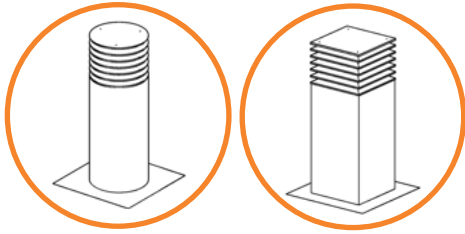
X Duct size	Y	A	B	C
100x100	150x150	130	330	235
150x150	200x200	230	420	290
200x200	250x250	280	490	320
250x250	300x300	330	570	360
300x300	350x350	380	640	390
350x350	400x400	430	720	435
400x400	450x450	480	790	460
450x450	500x500	530	860	490
500x500	550x550	580	940	565
550x550	600x600	630	1020	605
600x600	650x650	680	1090	635
650x650	700x700	730	1160	665
700x700	750x750	780	1240	705
750x750	800x800	830	1310	735
800x800	850x850	880	1390	780
850x850	900x900	930	1460	805
900x900	950x950	980	1540	850
950x950	1000x1000	1030	1620	880
1000x1000	1050x1050	1080	1690	915



Rectangular or larger dimensions available upon request.

Available in the following materials: Copper, Stainless Steel, Aluminum, Uginox, Copper-Titan-Zinc, Copper-Ttani-Zinc pre-weathered  
\*Additional materials available upon request

# CASTOR Roof Vent



The CASTOR Roof Vent impresses with its delicate design featuring horizontal louvers that prevent snow and water from entering the pipe system. Due to its appealing shape, it has become indispensable in the field of ventilation. Available in both insulated and double-walled versions. The perfect solution for your outdoor air.

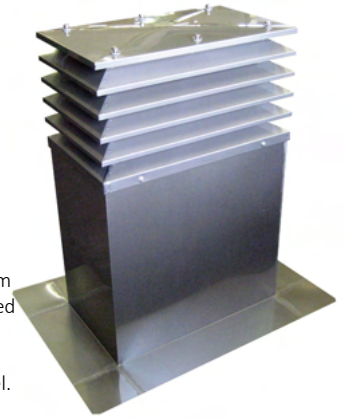


Tender text for the displayed graphic:

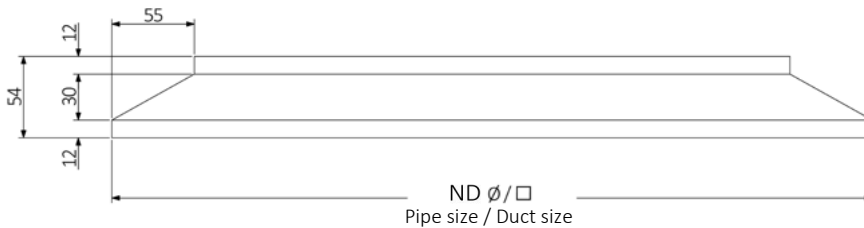
CASTOR Roof Vent made of Stainless Steel, Type CRLD-F ND Ø 400/500 mm, double-walled upright pipe 1000 mm long, including tray for flat roof. 0.8 mm thick, Argon-welded, internally insulated with 50 mm of mineral wool, and equipped with a protective grille made of Stainless Steel.

Tender text for the displayed graphic:

CASTOR Roof Vent made of Stainless Steel, Type CEID-F ND 400 x 400 mm, double-walled standing duct 1000 mm long, including tray for flat roof. 0.8 mm thick, Argon-welded, internally insulated with 50 mm of mineral wool. External duct 500 x 500 mm, equipped with a protective grille made of Stainless Steel.



Louvers Dimensions



Technical Data

ND Pipe size Ø mm	Inner louver size Ø mm	Number of louvers	Vent height mm	free hood cross section m <sup>2</sup>
200	100	4	325	0.059
250	150	4	325	0.089
300	200	4	325	0.119
350	250	5	385	0.181
400	300	5	385	0.218
450	350	5	385	0.254
500	400	6	445	0.343
550	450	6	445	0.386
0.5	500	6	445	0.429
650	550	6	445	0.471
700	600	7	505	0.593
750	650	7	505	0.643
800	700	8	565	0.785
850	750	8	565	0.841
900	800	8	565	0.897
950	850	9	625	1.065
1000	900	9	625	1.128
1050	950	10	685	1.316
1100	1000	10	685	1.385

Louvers up to an inner diameter of 500 mm are manufactured using the most modern process technology

Technical Data

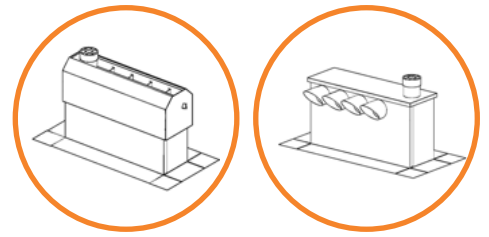
Rectangular or larger dimensions available upon request

Duct size mm	Inner louver size mm	Number of louvers	Vent height mm	free hood cross section m <sup>2</sup>
200x200	100x100	4	325	0.076
250x250	150x150	4	325	0.113
300x300	200x200	4	325	0.151
350x350	250x250	4	325	0.189
400x400	300x300	4	325	0.227
450x450	350x350	4	325	0.265
500x500	400x400	4	325	0.302
550x550	450x450	5	385	0.416
600x600	500x500	5	385	0.462
650x650	550x550	6	445	0.601
700x700	600x600	6	445	0.655
750x750	650x650	7	505	0.819
800x800	700x700	7	505	0.882
850x850	750x750	8	565	1.071
900x900	800x800	8	565	1.142
950x950	850x850	9	625	1.357
1000x1000	900x900	9	625	1.436
1050x1050	950x950	10	685	1.676
1100x1100	1000x1000	10	685	1.764



Available in the following materials: Copper, Stainless Steel, Aluminum, Uginox, Copper-Titan-Zinc, Copper-Ttani-Zinc pre-weathered  
Additional materials available upon request

# Roof Hood HF/RF



Roof hood for multi-purpose ventilation consisting of three components:

- Roof base with support edge, 25 mm insulated on the inside.
- Rain hood for vertical or horizontal discharge.
- Optionally available with plumbing spigot



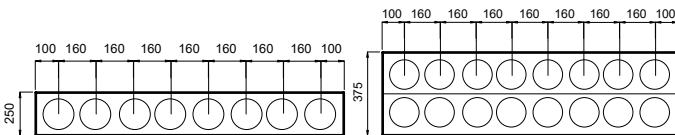
Tender text for the displayed graphic:

Roof hood for flat roof made of Stainless Steel Type HF1/2, single-row Size: 250 x 360 mm Base height: 300 mm 0.8 mm thick, Argon welded Base insulated 25 mm on the inside (mineral wool) 2 x nozzle ND Ø 125 mm ventilation exhaust pipes separate Protective/water channel insulated with Armaflex Removable lid

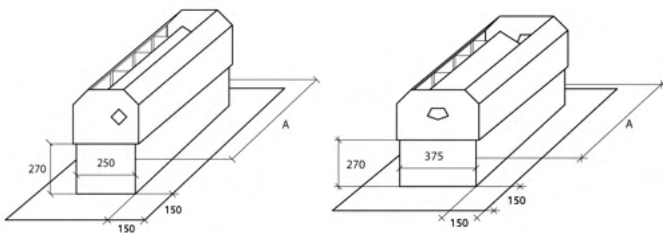


Tender text for the displayed graphic:

Roof hood made of Stainless Steel with lateral pipe nozzles for flat roof Type RF1/3, single-row Size: 300 x 520 mm Base height to lower edge of nozzle: 300 mm 0.8 mm thick, Argon welded Base insulated 25 mm on the inside (mineral wool) 2 x nozzle ND Ø 125 mm for ventilation 1 x nozzle ND Ø 110 mm for sanitary Removable lid

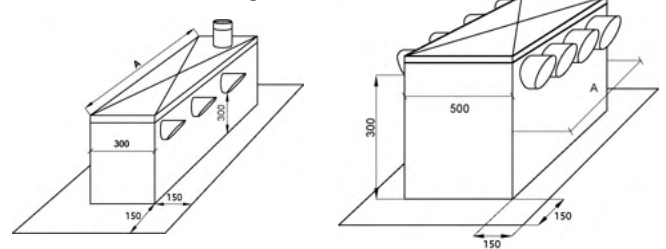
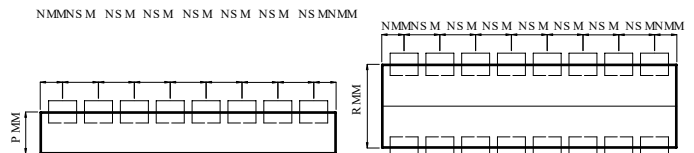


From nozzle size Ø 150 mm, the center-to-center distance changes



Dimensionen in mm

Number of nozzles	Base dimension 1-row (B x A)	Number of nozzles	Base dimension 2-row (B x A)
1	250 x 250		
2	250 x 360	2+2	375 x 375
3	250 x 520	3+3	375 x 520
4	250 x 680	4+4	375 x 680
5	250 x 840	5+5	375 x 840
6	250 x 1000	6+6	375 x 1000
7	250 x 1160	7+7	375 x 1160
8	250 x 1320	8+8	375 x 1320



Dimensionen in mm

Number of nozzles	Base dimension 1-row (B x A)	Number of nozzles	Base dimension 2-row (B x A)
1	300 x 300		
2	300 x 360	2+2	500 x 400
3	300 x 520	3+3	500 x 520
4	300 x 680	4+4	500 x 680
5	300 x 840	5+5	500 x 840
6	300 x 1000	6+6	500 x 1000
7	300 x 1160	7+7	500 x 1160
8	300 x 1320	8+8	500 x 1320

Available in the following materials:

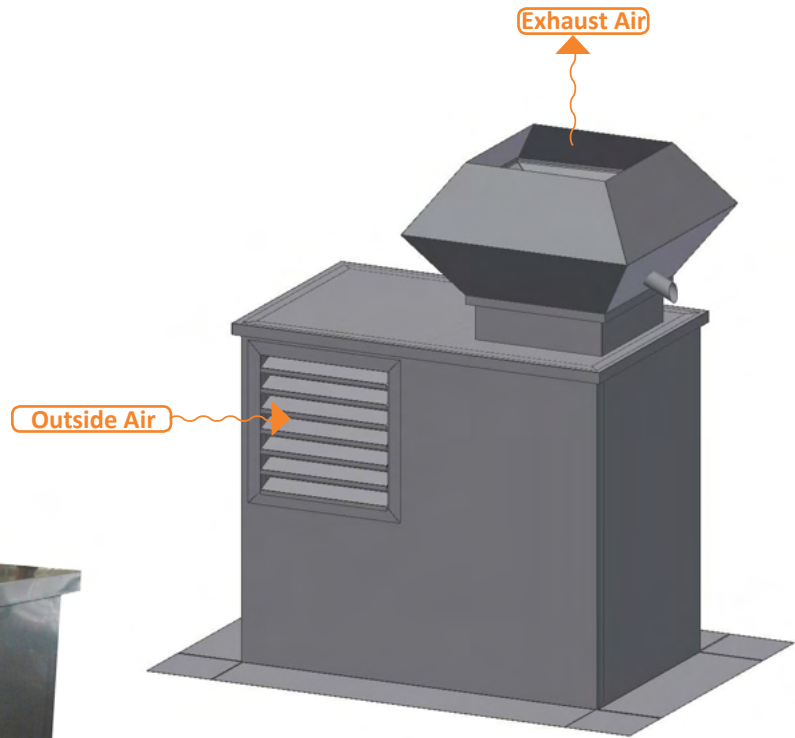
Copper, Stainless Steel, Aluminum, Uginox, Copper-Titan-Zinc, Copper-Ttani-Zinc pre-weathered  
Additional materials available upon request



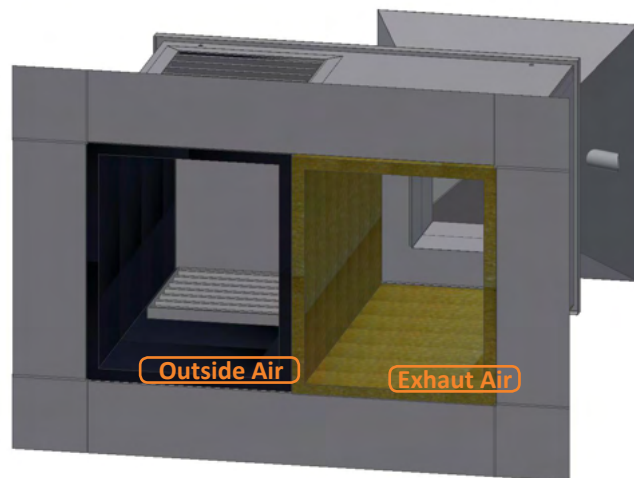


# Roof Exit Type DUO

The perfect combo solution for vertical air exhaust and horizontal air intake. Easy installation thanks to a removable lid.



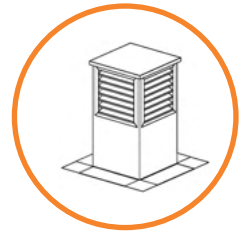
↑  
VIEW FROM BELOW:



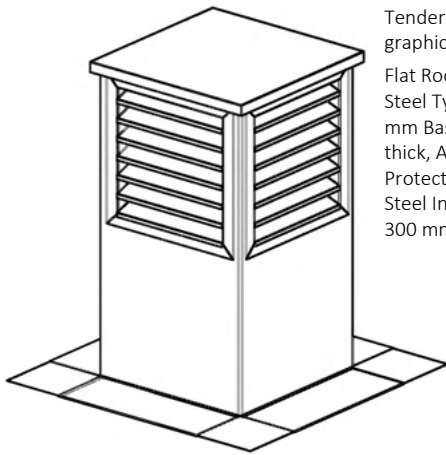
VIEW FROM BELOW:  
 - Intake Section: Weather protection grille insulated with Armaflex  
 - Exhaust Section: Rain-exhaust hood insulated with Mineral Wool

Tender text for the displayed graphic:  
 Roof Hood made of Stainless Steel, Type HF/DUO Size: 500 x 850 mm Base Height: 750 mm 0.8 mm thickness, Argon welded, 25 mm inner insulation (Mineral Wool) Rain-exhaust hood made of Stainless Steel, Type AEID ND 300 x 300 mm, Double-wall upright duct 200 mm, 25 mm internal insulation (Mineral Wool) 2 x Weather protection grilles made of Stainless Steel, including mesh grid W: 300 mm / H: 300 mm Removable lid

# Roof Hood with Weather Protection Grille




Flat Roof Hood Including Weather Protection Grille. Dynamically configurable depending on air volume and requirements. Optionally available insulated or double-walled. Application area, for example, elevator shaft ventilation



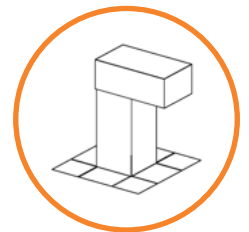
Tender text for the displayed graphic:

Flat Roof Hood Made of Stainless Steel Type HF/WSG Size: 400 x 400 mm Base Height: 750 mm 0.8 mm thick, Argon welded 4 x Weather Protection Grilles Made of Stainless Steel Including Mesh W: 300 mm / H: 300 mm Removable Lid

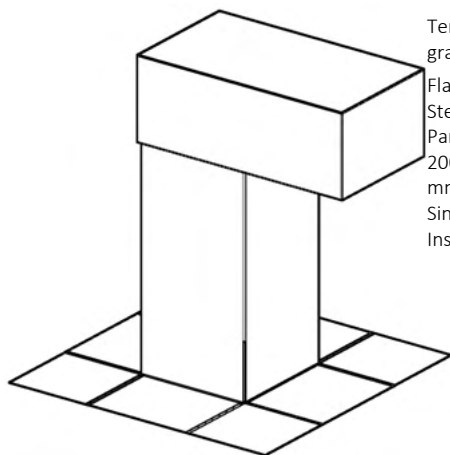


 Available in the following materials: Copper, Stainless Steel, Aluminum, Uginox, Copper-Titan-Zinc, Copper-Ttani-Zinc pre-weathered  
Additional materials available upon request

# Roof Outlet Type KAB-KA




Flat Roof Exit Consisting of Tray with Square Base 0.8 mm Thick, Argon Welded Horizontally Removable Lid 0.6 mm for Easy Cable Routing  
Application Areas Include Cable Trays / Solar Panels



Tender text for the displayed graphic:

Flat Roof Exit Made of Stainless Steel for Cable Trays / Solar Panels Type KAB-KA 200 Size: 200 x 200 mm Base Height: 420 mm 0.8 mm Thick, Argon Welded Single-Sided Opening Base Not Insulated Lid 0.6 mm Thick



 Available in the following materials: Copper, Stainless Steel, Aluminum, Uginox, Copper-Titan-Zinc, Copper-Ttani-Zinc pre-weathered  
Additional materials available upon request

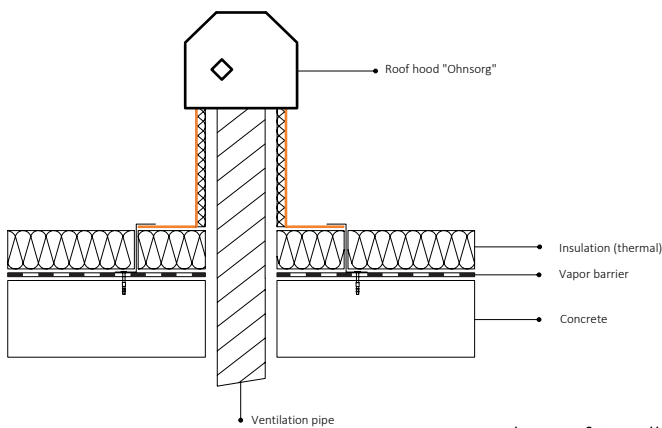
# FLAT Roof Installation

All Stainless Steel / Aluminum products for flat roofs are Argon welded by Ohnsorg Söhne AG.

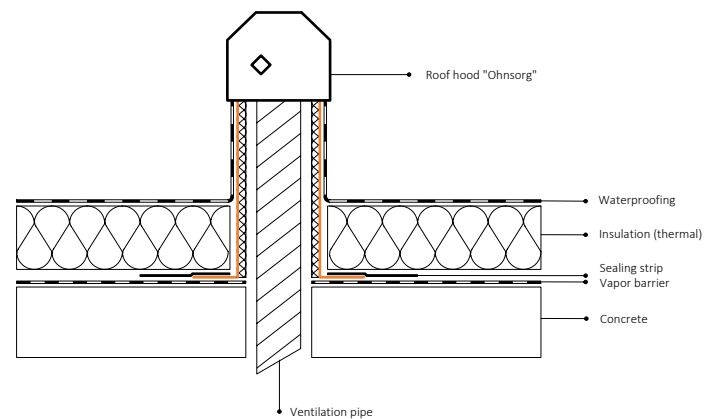
This means:

- No Rusting
- Better Sealing
- Stable in All Weather Conditions
- No Unraveling of Seams During Installation
- Durable - Like All Products From Our Company

Flat roof installation **on** Insulation



Flat roof installation **under** Insulation



Flat roof installation **under** Insulation

