

## UVK Roof Hood

UVK square roof device for exhaust air or free airflow. UVK is specially designed for higher air flows. It is designed to look great and to withstand weather conditions in the Nordic countries.

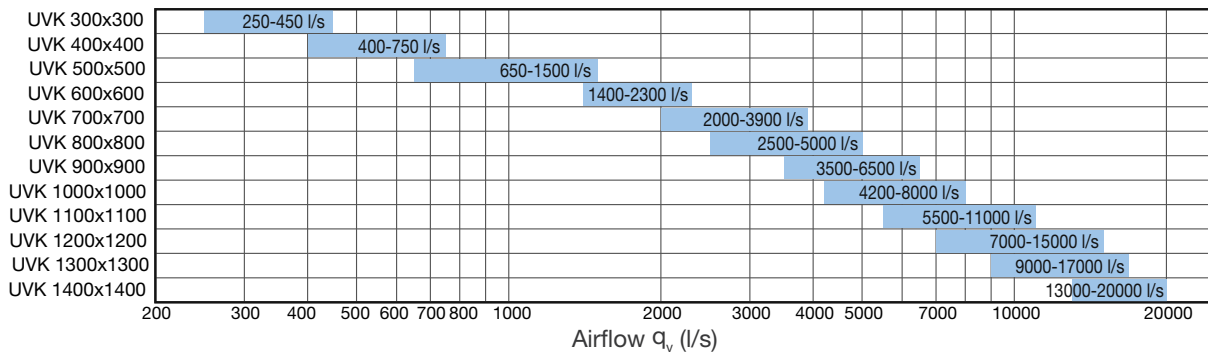
- Low design
- Excellent water separation
- Strong structure
- Low pressure drop
- 12 standard dimensions
- Waterproof and safe installation
- Magnelis® sheet steel, corrosivity category is C4



### Application

Suitable for both natural and mechanical ventilation. Rainwater is drained onto the roof by the structure of the hood.

### Quick Selection

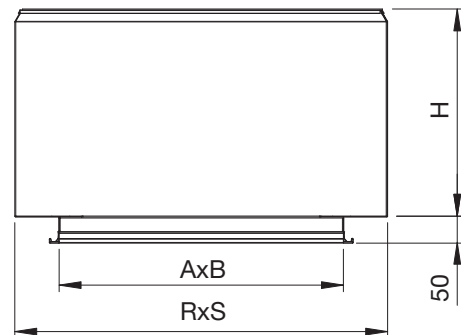


### Material and Sizes

Manufactured of Magnelis® sheet steel (ZM310). Can also be manufactured of other materials and in coated finish. For the lifting there are slots in the internal supports.

There is two types of roof hood duct connections:

- rain-plate connection (KL) for installation above MKL roof transition.
- E30 profile connection (standard).



UVK roof hood with E30-profile duct connection.

UVK Nominal size AxB (mm)	RxS (mm)	H (mm)	AxB (mm)	Weight (kg)	Free area (m <sup>2</sup> )	Airflow (l/s)	
						Min	max
300x300	460x460	270	300x300	10	0,060	250	450
400x400	620x620	330	400x400	15	0,104	400	750
500x500	785x785	435	500x500	25	0,167	650	1500
600x600	950x950	485	600x600	33	0,230	1400	2300
700x700	1115x1115	545	700x700	44	0,314	2000	3900
800x800	1280x1280	605	800x800	58	0,420	2500	5000
900x900	1450x1450	655	900x900	67	0,530	3500	6500
1000x1000	1620x1620	765	1000x1000	96	0,653	4200	8000
1100x1100	1795x1795	815	1100x1100	107	0,792	5500	11000
1200x1200	1970x1970	865	1200x1200	125	0,943	7000	15000
1300x1300	2150x2150	910	1300x1300	145	1,129	9000	17000
1400x1400	2350x2350	960	1400x1400	170	1,406	13000	20000

UVK exhaust air device with rain-plate connection (KL) for installation with MKL roof transition will provide the best possible combination for water resistance.

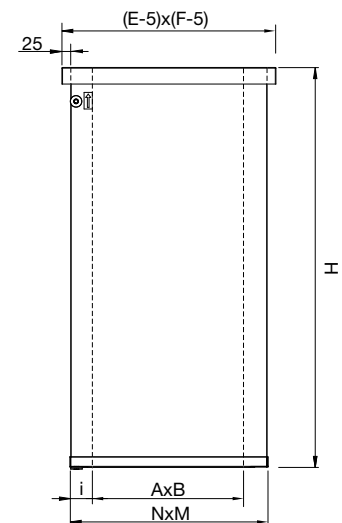
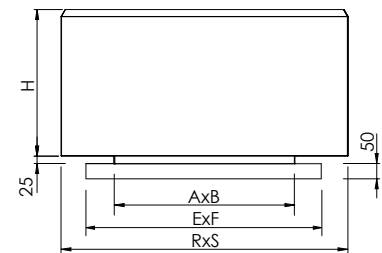
UVK roof hood with rain-plate and MKL roof transition with rain-plate collar (KL).

MKL with 50 mm insulation (H=1200 mm)

UVK Nominal size AxB (mm)	Connection size ExF (mm)	MKL (i=50 mm)		
		MKL+KL Nominal size (NxM KL-ExF) (mm)	AxB (mm)	NxM (mm)
300x300	450x450	MKL 400x400 KL-450x450	300x300	395x395
400x400	550x550	MKL 500x500 KL-550x550	400x400	495x495
500x500	650x650	MKL 600x600 KL-650x650	500x500	595x595
600x600	750x750	MKL 700x700 KL-750x750	600x600	695x695
700x700	850x850	MKL 800x800 KL-850x850	700x700	795x795
800x800	950x950	MKL 900x900 KL-950x950	800x800	895x895
900x900	1050x1050	MKL 1000x1000 KL-1050x1050	900x900	995x995
1000x1000	1150x1150	MKL 1100x1100 KL-1150x1150	1000x1000	1095x1095
1100x1100	1250x1250	MKL 1200x1200 KL-1250x1250	1100x1100	1195x1195
1200x1200	1350x1350	MKL 1300x1300 KL-1350x1350	1200x1200	1295x1295
1300x1300	1450x1450	MKL 1400x1400 KL-1450x1450	1300x1300	1395x1395
1400x1400	1550x1550	MKL 1500x1500 KL-1550x1550	1400x1400	1495x1495

MKL with 100 mm insulation (H=1200 mm)

UVK Nominal size AxB (mm)	Connection size ExF (mm)	MKL (i=100 mm)		
		MKL+KL Nominal size (NxM KL-ExF)(mm)	AxB (mm)	NxM (mm)
300x300	550x550	MKL 500x500 KL-550x550	300x300	495x495
400x400	650x650	MKL 600x600 KL-650x650	400x400	595x595
500x500	750x750	MKL 700x700 KL-750x750	500x500	695x695
600x600	850x850	MKL 800x800 KL-850x850	600x600	795x795
700x700	950x950	MKL 900x900 KL-950x950	700x700	895x895
800x800	1050x1050	MKL 1000x1000 KL-1050x1050	800x800	995x995
900x900	1150x1150	MKL 1100x1100 KL-1150x1150	900x900	1095x1095
1000x1000	1250x1250	MKL 1200x1200 KL-1250x1250	1000x1000	1195x1195
1100x1100	1350x1350	MKL 1300x1300 KL-1350x1350	1100x1100	1295x1295
1200x1200	1450x1450	MKL 1400x1400 KL-1450x1450	1200x1200	1395x1395
1300x1300	1550x1550	MKL 1500x1500 KL-1550x1550	1300x1300	1495x1495
1400x1400	1650x1650	MKL 1600x1600 KL-1650x1650	1400x1400	1595x1595



Installation opening =  
(N+20)×(M+20) mm

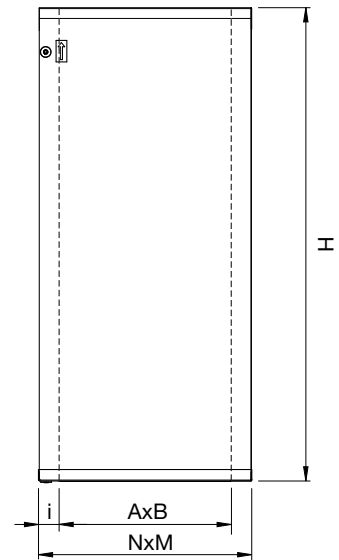
**UVK roof hood with rain-plate and MKL roof transition.**

MKL with 50 mm insulation (H=1200 mm)

UVK Nominal size AxB (mm)	Connection size ExF (mm)	MKL (i=50 mm)		
		MKL Nominal size NxM (mm)	AxB (mm)	NxM (mm)
300x300	400x400	MKL 400x400	300	395
400x400	500x500	MKL 500x500	400	495
500x500	600x600	MKL 600x600	500	595
600x600	700x700	MKL 700x700	600	695
700x700	800x800	MKL 800x800	700	795
800x800	900x900	MKL 900x900	800	895
900x900	1000x1000	MKL 1000x1000	900	995
1000x1000	1100x1100	MKL 1100x1100	1000	1095
1100x1100	1200x1200	MKL 1200x1200	1100	1195
1200x1200	1300x1300	MKL 1300x1300	1200	1295
1300x1300	1400x1400	MKL 1400x1400	1300	1395
1400x1400	1500x1500	MKL 1500x1500	1400	1495

MKL with 100 mm insulation (H=1200 mm)

UVK Nominal size AxB (mm)	Connection size ExF (mm)	MKL (i=100 mm)		
		MKL Nominal size NxM (mm)	AxB (mm)	NxM (mm)
300x300	500x500	MKL 500x500	300	495
400x400	600x600	MKL 600x600	400	595
500x500	700x700	MKL 700x700	500	695
600x600	800x800	MKL 800x800	600	795
700x700	900x900	MKL 900x900	700	895
800x800	1000x1000	MKL 1000x1000	800	995
900x900	1100x1100	MKL 1100x1100	900	1095
1000x1000	1200x1200	MKL 1200x1200	1000	1195
1100x1100	1300x1300	MKL 1300x1300	1100	1295
1200x1200	1400x1400	MKL 1400x1400	1200	1395
1300x1300	1500x1500	MKL 1500x1500	1300	1495
1400x1400	1600x1600	MKL 1600x1600	1400	1595



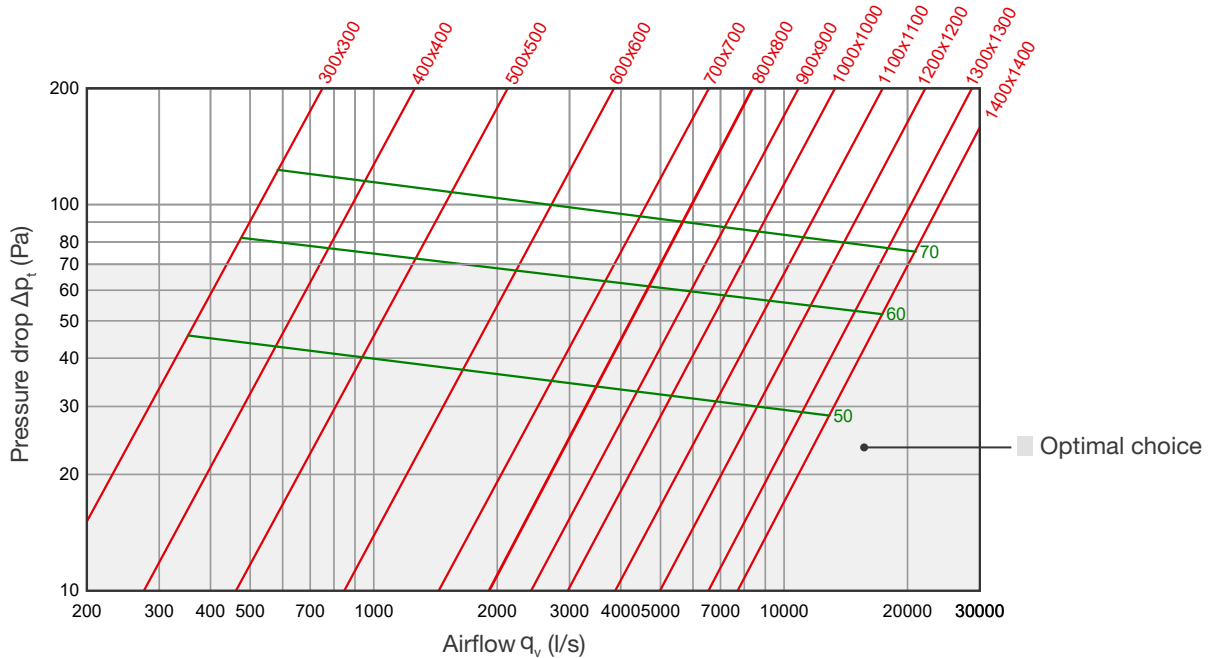
Installation opening =  
(N+20)×(M+20) mm

**Technical Data**

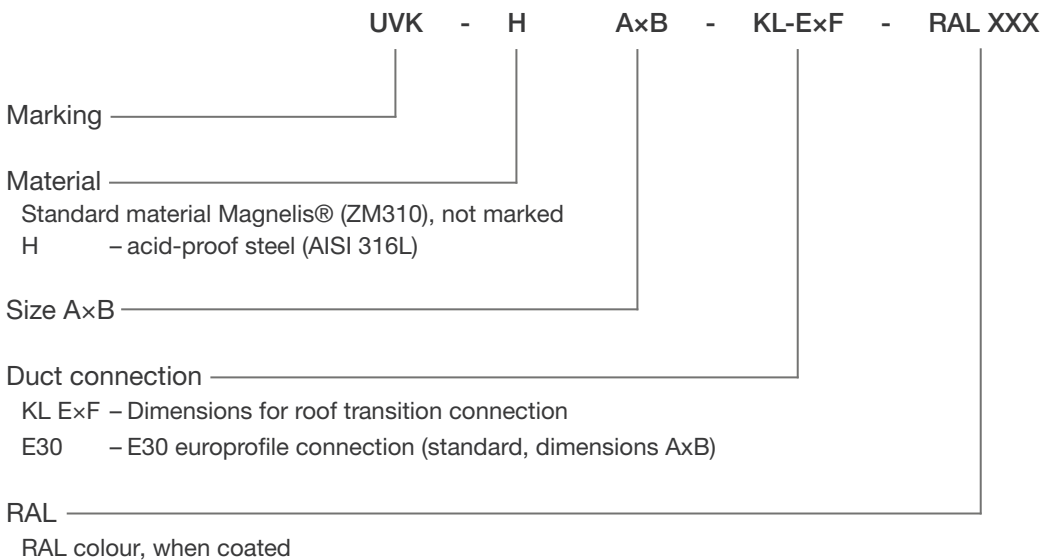
Recommended maximum pressure drop 70 Pa.

UVK is designed as special product to ensure higher air flows. For best result, when choosing a roof hood, air velocity in the duct should not exceed 15 m/s.

**Pressure drop - Airflow - Extract air**



**Product Marking**



- Example:**
- UVK 400x400 Roof hood
  - UVK-H 400x400 Roof hood, AISI316
  - UVK 400x400 KL-500x500-RAL7005 Roof hood (coated)