

UVK2 Roof Hood

UVK2 is an exhaust air diffuser with a rectangular duct connection for mechanical ventilation systems.

Standard:

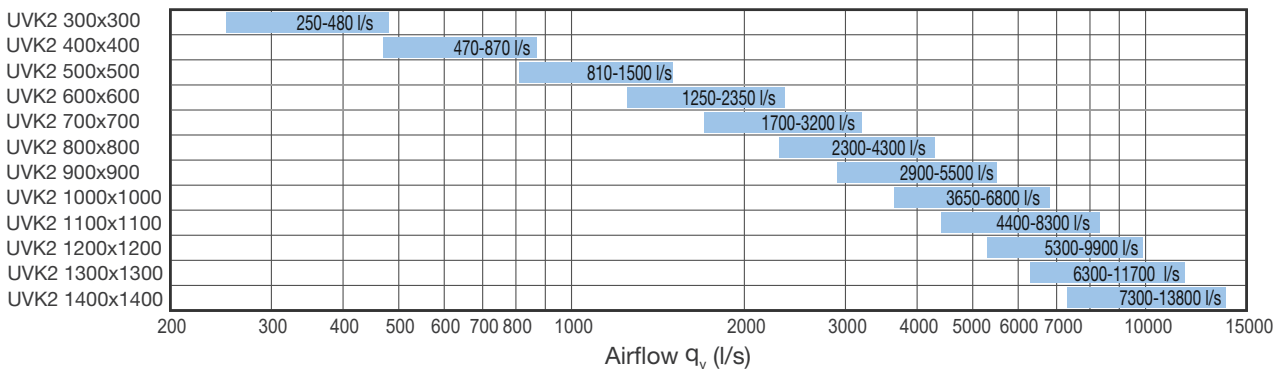
- 12 standard sizes; airflow range 250–13800 l/s
- Duct connection with E30 profile
- Rainproof
- Rigid structure
- Material Magnelis® coated steel sheet (corrosivity category C4)



Options:

- Special materials (H, Cu)
- Painting in RAL K7 colours
- Rain-plate connection (KL)
- Supplied as a set with roof transition (MKL)

Quick Selection



Application and Construction

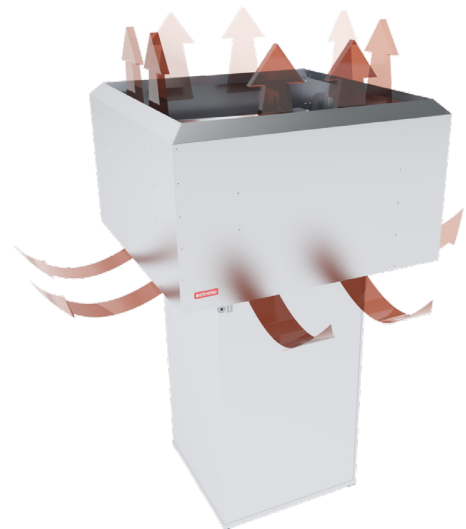
UVK2 roof hood is designed for mechanical ventilation systems. Due to its design, part of the exhaust air is discharged through openings in the base, so potential air dispersion at roof level must be considered during installation.

Drain openings in the base ensure that precipitation is drained onto the roof.

The roof hood is manufactured from zinc-magnesium coated steel sheet Magnelis® (ZM310). Options include acid-resistant stainless steel (H), copper (Cu), and powder coating in RAL Classic (K7) colours.

Lifting openings in the internal supports enable safe lifting and installation.

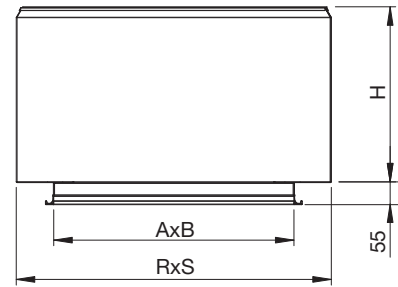
As an option, a rain-plate connection (KL) is available for installation directly onto the roof transition (MKL). A set solution with the roof transition provides a more watertight connection.



Dimensions

Overall dimensions of the UVK2 roof hood.

The product is supplied with an E30 profile duct connection as standard.



UVK2 roof hood with E30-profile duct connection.

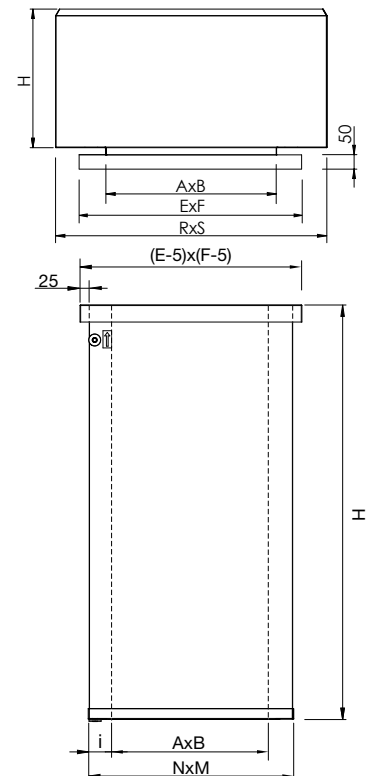
UVK2 Nominal size AxB (mm)	RxS (mm)	H (mm)	Weight (kg)	Free area		Airflow (l/s)		
				(m ²)	Distribution		Min	Max
					Top	Base		
300x300	460x460	280	16	0,097	72%	28%	250	480
400x400	620x620	380	17	0,192	66%	34%	470	870
500x500	785x785	510	26	0,348	61%	39%	810	1500
600x600	950x950	570	34	0,549	58%	42%	1250	2350
700x700	1115x1115	660	47	0,767	55%	45%	1700	3200
800x800	1280x1280	750	60	1,026	54%	46%	2300	4300
900x900	1450x1450	830	73	1,316	54%	46%	2900	5500
1000x1000	1620x1620	970	100	1,658	55%	45%	3650	6800
1100x1100	1795x1795	1060	119	2,027	54%	46%	4400	8300
1200x1200	1970x1970	1140	140	2,415	54%	46%	5300	9900
1300x1300	2150x2150	1220	164	2,881	54%	46%	6300	11700
1400x1400	2350x2350	1310	191	3,436	53%	47%	7300	13800

For maximum watertightness, the UVK2 roof hood with rain-plate connection (KL) is recommended for installation directly onto the MKL roof transition.

UVK2 roof hood with rain-plate and MKL roof transition with rain-plate collar (KL).

MKL with 50 mm insulation (H=1200 mm)

UVK2 Nominal size AxB (mm)	Connection size ExF (mm)	MKL (i=50 mm)		
		MKL+KL Nominal size (N×M KL-ExF) (mm)	AxB (mm)	N×M (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



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

MKL with 100 mm insulation (H=1200 mm)

UVK2 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



UVK2 roof hood with rain-plate and MKL roof transition.

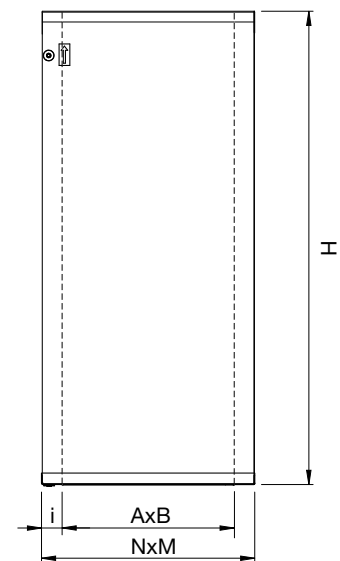
MKL with 50 mm insulation (H=1200 mm)

UVK2 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)

UVK2 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



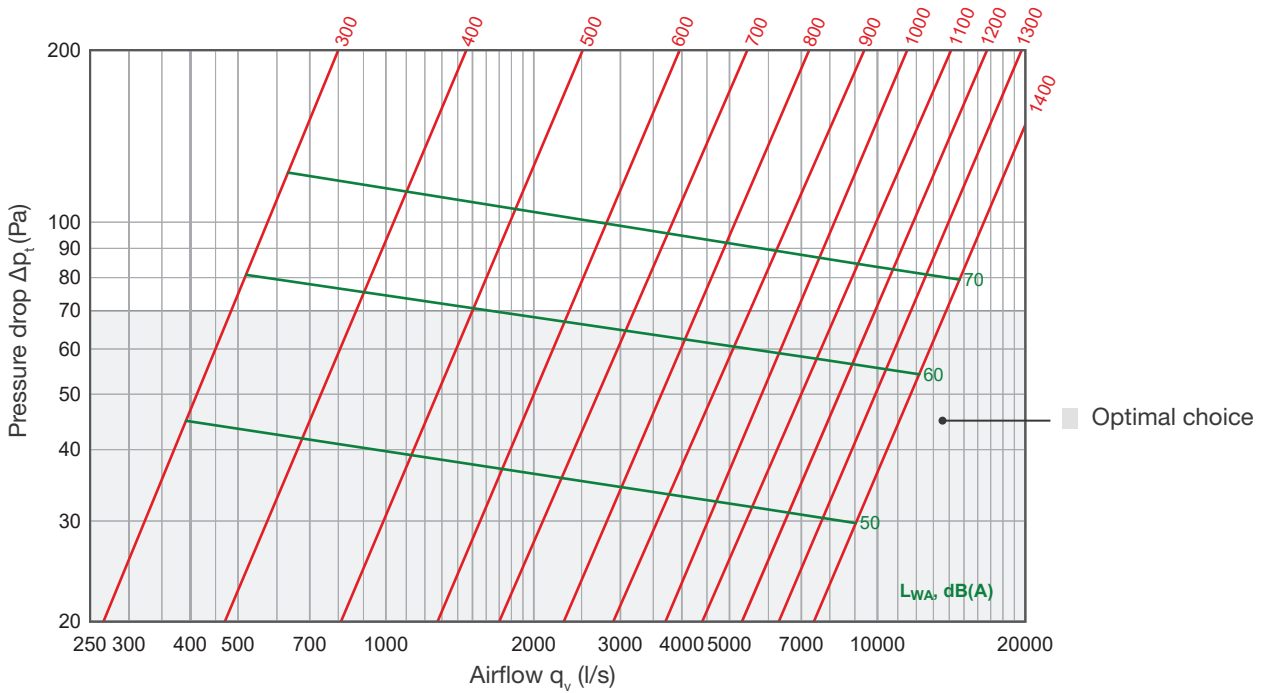
For further information on the MKL roof transition and insulation options, see the MKL product datasheet.

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

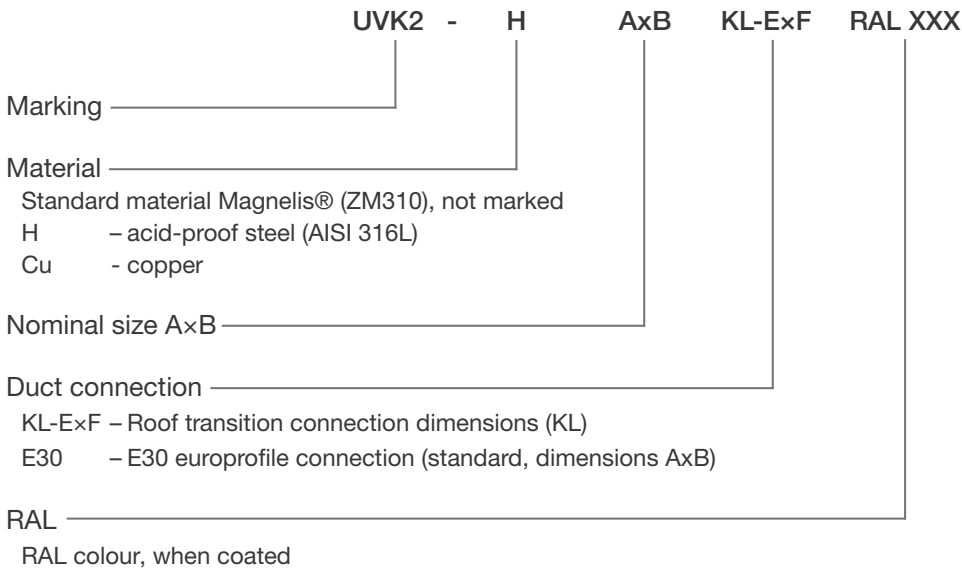
Technical Data

Recommended maximum pressure drop 70 Pa.

Pressure drop - Airflow - Extract air



Product Marking



- Example:**
- UVK2 400x400-E30 Roof hood
 - UVK2-H 400x400-E30 Roof hood, AISI316L
 - UVK2 400x400-KL-500x500-RAL7005 Roof hood (coated)