

UVE Roof Hood

UVE is an exhaust air device with round connection. It is designed to look great and to withstand weather conditions in the Nordic countries.

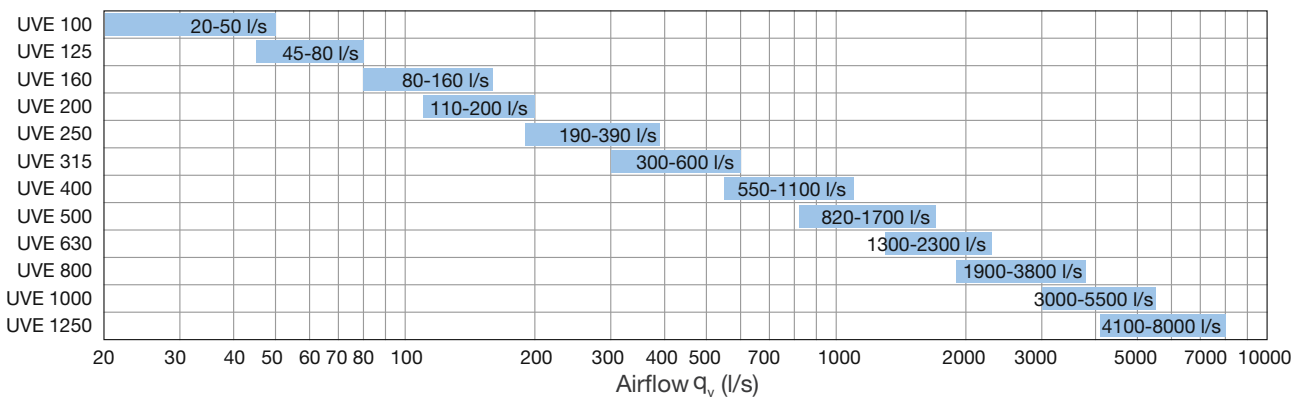
- Low design
- Strong structure
- Low pressure drop
- Magnelis® sheet steel, corrosivity category is C4

Application

Used for exhaust air and air intake. Rainwater is drained onto the roof by the structure of the hood.



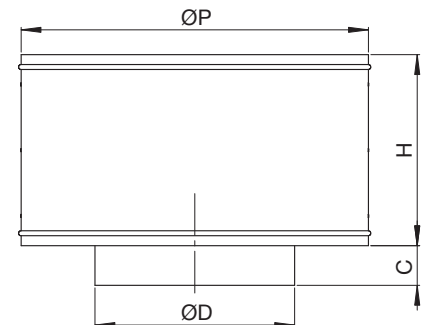
Quick Selection



Material and Sizes

Standard material Magnelis® – zinc-magnesium coated sheet steel (ZM310). Can also be manufactured of other materials and in coated finish.

Sizes Ø 160-400 mm are with female connection which fits outside a fitting. Sizes Ø 500-1600 mm are with VRL flange duct connection. Counterflange ordered separately.



Nominal size ØD (mm)	P (mm)	H (mm)	C (mm)	Weight (kg)	Free area (m²)	Airflow (l/s)	
						Min	max
100	160	140	80	1,2	0,007	20	50
125	200	160	80	1,6	0,011	45	80
160	250	200	80	2,4	0,018	80	160
200	315	240	80	3,5	0,028	110	200
250	400	270	80	5,0	0,044	190	390
315	500	360	80	8,2	0,069	300	600
400	700	380	80	13,0	0,119	550	1100
500	900	440	130	23,0	0,185	820	1700
630	1100	570	130	35,0	0,297	1300	2300
800	1400	750	130	54,0	0,500	1900	3800
1000	1700	970	130	74,0	0,747	3000	5500
1250	2100	1200	130	155,0	1,134	4100	8000

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

UVE exhaust air device with rain-plate and MKL roof transition with rain-plate collar (KL).

MKL roof transition with 50 mm insulation (H=1200).

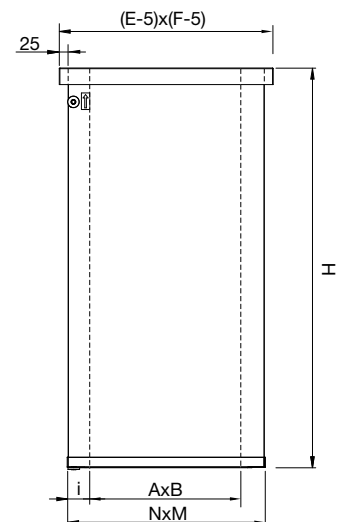
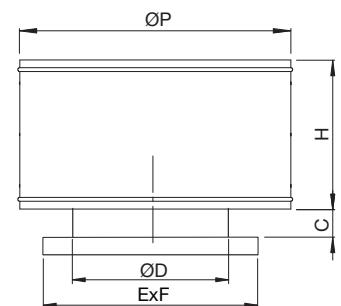
UVE Nominal size ØD	Connection size ExF (mm)	MKL (i=50 mm)		
		MKL+KL Nominal size (N×M KL-ExF)	AxB (mm)	NxM (mm)
UVE 100	350x350	MKL 300x300 KL-350x350	200x200	295x295
UVE 125	350x350	MKL 300x300 KL-350x350	200x200	295x295
UVE 160	350x350	MKL 300x300 KL-350x350	200x200	295x295
UVE 200	350x350	MKL 300x300 KL-350x350	200x200	295x295
UVE 250	450x450	MKL 400x400 KL-450x450	300x300	395x395
UVE 315	450x450	MKL 400x400 KL-450x450	300x300	395x395
UVE 400	550x550	MKL 500x500 KL-550x550	400x400	495x495
UVE 500	650x650	MKL 600x600 KL-650x650	500x500	595x595
UVE 630	750x750	MKL 700x700 KL-750x750	600x600	695x695
UVE 800	950x950	MKL 900x900 KL-950x950	800x800	895x895
UVE 1000	1150x1150	MKL 1100x1100 KL-1150x1150	1000x1000	1095x1095
UVE 1250	1450x1450	MKL 1400x1400 KL-1450x1450	1300x1300	1395x1395

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

MKL roof transition with 100 mm insulation (H=1200).

UVE Nominal size ØD	Connection size ExF (mm)	MKL (i=100 mm)		
		MKL+KL Nominal size (N×M KL-ExF)	AxB (mm)	NxM (mm)
UVE 100	450x450	MKL 400x400 KL-450x450	200x200	395x395
UVE 125	450x450	MKL 400x400 KL-450x450	200x200	395x395
UVE 160	450x450	MKL 400x400 KL-450x450	200x200	395x395
UVE 200	450x450	MKL 400x400 KL-450x450	200x200	395x395
UVE 250	550x550	MKL 500x500 KL-550x550	300x300	495x495
UVE 315	550x550	MKL 500x500 KL-550x550	300x300	495x495
UVE 400	650x650	MKL 600x600 KL-650x650	400x400	595x595
UVE 500	750x750	MKL 700x700 KL-750x750	500x500	695x695
UVE 630	850x850	MKL 800x800 KL-850x850	600x600	795x795
UVE 800	1050x1050	MKL 1000x1000 KL-1050x1050	800x800	995x995
UVE 1000	1250x1250	MKL 1200x1200 KL-1250x1250	1000x1000	1195x1195
UVE 1250	1550x1550	MKL 1500x1500 KL-1550x1550	1300x1300	1495x1495

For more information about MKL roof transition and different insulation possibilities please check MKL datasheet.



UVE exhaust air device with rain-plate and MKL roof transition.

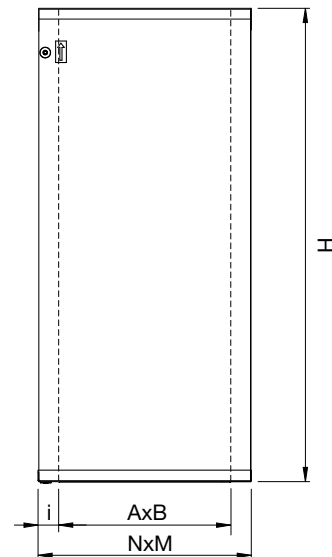
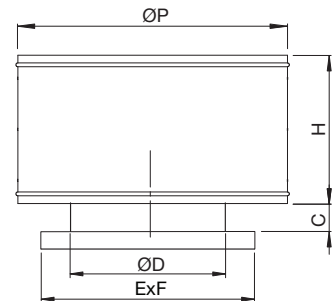
MKL roof transition with 50 mm insulation.

UVE Nominal size ØD (mm)	Connection size ExF (mm)	MKL (i=50 mm)		
		MKL Nominal size (NxM)	AxB (mm)	NxM (mm)
UVE 100	300x300	MKL 300x300	200x200	295x295
UVE 125	300x300	MKL 300x300	200x200	295x295
UVE 160	300x300	MKL 300x300	200x200	295x295
UVE 200	300x300	MKL 300x300	200x200	295x295
UVE 250	400x400	MKL 400x400	300x300	395x395
UVE 315	400x400	MKL 400x400	300x300	395x395
UVE 400	500x500	MKL 500x500	400x400	495x495
UVE 500	600x600	MKL 600x600	500x500	595x595
UVE 630	700x700	MKL 700x700	600x600	695x695
UVE 800	900x900	MKL 900x900	800x800	895x895
UVE 1000	1100x1100	MKL 1100x1100	1000x1000	1095x1095
UVE 1250	1400x1400	MKL 1400x1400	1300x1300	1395x1395

MKL roof transition with 100 mm insulation.

UVE Nominal size ØD (mm)	Connection size ExF (mm)	MKL (i=100 mm)		
		MKL Nominal size (NxM)	A/B (mm)	N/M (mm)
UVE 100	400x400	MKL 400x400	200x200	395x395
UVE 125	400x400	MKL 400x400	200x200	395x395
UVE 160	400x400	MKL 400x400	200x200	395x395
UVE 200	400x400	MKL 400x400	200x200	395x395
UVE 250	500x500	MKL 500x500	300x300	495x495
UVE 315	500x500	MKL 500x500	300x300	495x495
UVE 400	600x600	MKL 600x600	400x400	595x595
UVE 500	700x700	MKL 700x700	500x500	695x695
UVE 630	800x800	MKL 800x800	630x630	795x795
UVE 800	1000x1000	MKL 1000x1000	800x800	995x995
UVE 1000	1200x1200	MKL 1200x1200	1000x1000	1195x1195
UVE 1250	1500x1500	MKL 1500x1500	1300x1300	1495x1495

For more information about MKL roof transition and different insulation possibilities please check MKL datasheet.



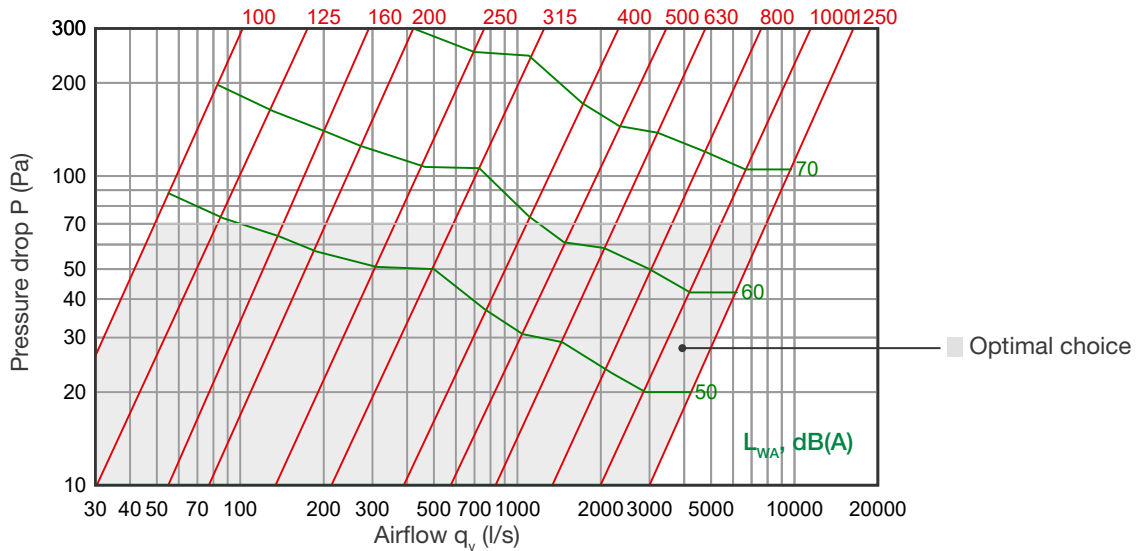
Installation opening =
(N+20)×(M+20) mm

Technical Data

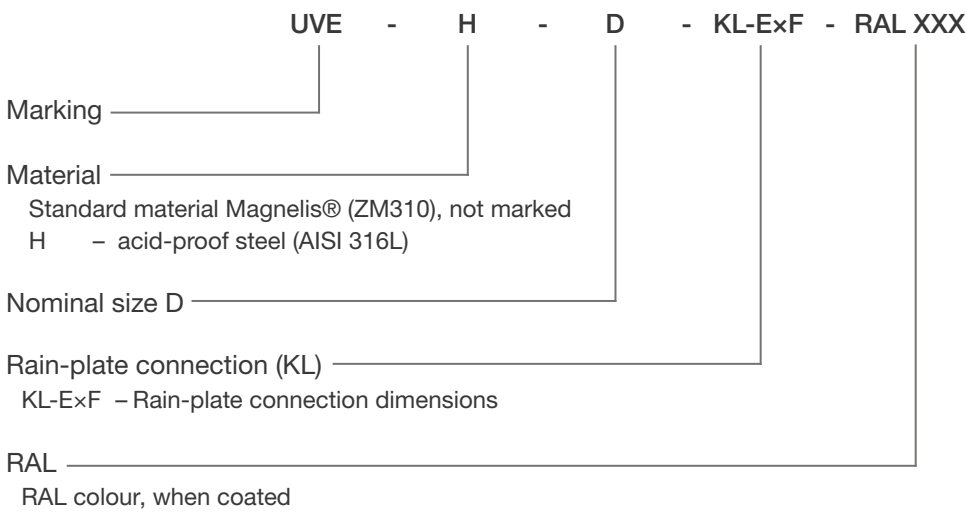
Recommended maximum pressure drop 70 Pa.

For best result, when choosing the roof hoods, there have been taken into account optimal dimensions to ensure the velocity over the free area and in the duct should be between 3 m/s and 10 m/s.

Pressure drop - Airflow - Extract air



Product Marking



Example: **UVE 315-RAL7000 Roof hood (coated)**
 UVE 315-KL-500×500 Roof hood with rain-plate