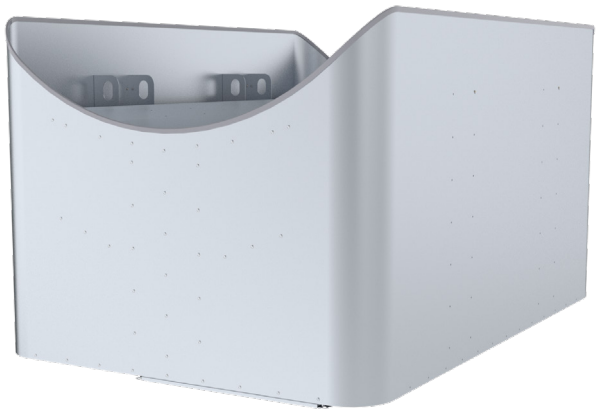
ULV2P Roof Hood

ULV2P is an exhaust air device with rectangular connection. It is designed to look great and to withstand weather conditions in the Nordic countries.



- Low design
- Long vertical exhaust pattern
- Strong structure
- Magnelis® sheet steel, corrosivity category is C4
- Low pressure drop
- Low sound level
- Unique form
- Can be installed directly on a roof transition

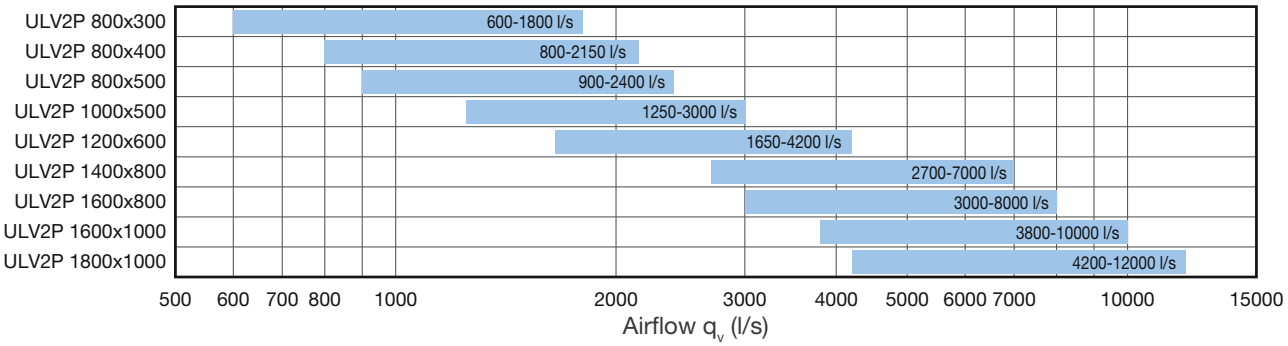
Application

Exhaust air is blown vertically up with low pressure drop and high speed through the unit. This ensures that odours and dirt in exhaust air will not fall on the area around the exhaust diffuser.

Design of the unit efficiently prevents rainwater from entering duct. Rainwater is drained onto the roof from the base of the unit.

Connecting ULV2P with rain-plate (KL) on the roof transition simplifies installation and gives the best result for water resistance

Quick Selection



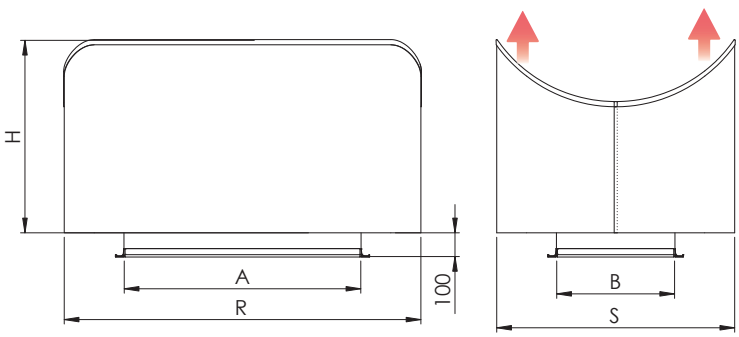
Material and Dimensions

ULV2P is manufactured of Magnelis® – sheet steel (ZM310).

As standard the ULV2P is equipped with europrofile E30.

Can also be manufactured of other materials and in coated finish.

In addition, it is possible to order an exhaust air diffuser with a rain-plate connection (KL), which fits directly into the roof transition (MKL).

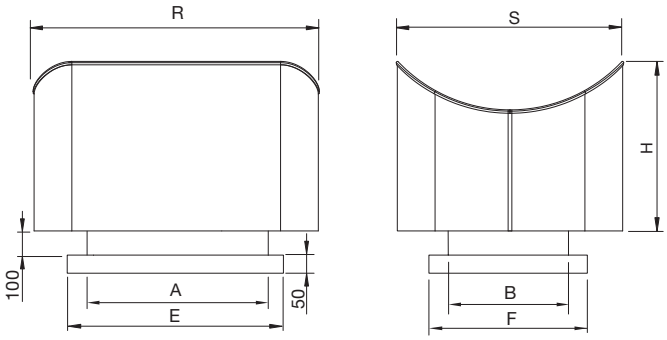


ULV2P roof hood with rectangular duct connection (E30-profile).

Nominal size A×B (mm)	A (mm)	B (mm)	R (mm)	S (mm)	H (mm)	Weigh (kg)	Free area (m^2)	Min	max
800×300	800	300	1100	600	450	35	0,220	600	1800
800×400	800	400	1200	800	650	48	0,327	800	2150
800×500	800	500	1300	1000	800	62	0,399	900	2400
1000×500	1000	500	1500	1000	800	72	0,460	1250	3000
1200×600	1200	600	1800	1200	1000	109	0,589	1650	4200
1400×800	1400	800	2100	1500	1100	115	0,870	2700	7000
1600×800	1600	800	2300	1500	1100	145	0,953	3000	8000
1600×1000	1600	1000	2200	1600	1200	155	1,231	3800	10000
1800×1000	1800	1000	2400	1600	1200	170	1,342	4200	12000

ULV2P with rain-plate and MKL roof transition with rain-plate collar (KL).

ULV2P exhaust air device with rain-plate connection (KL) for installation with MKL roof transition will provide the best possible combination for water resistance.

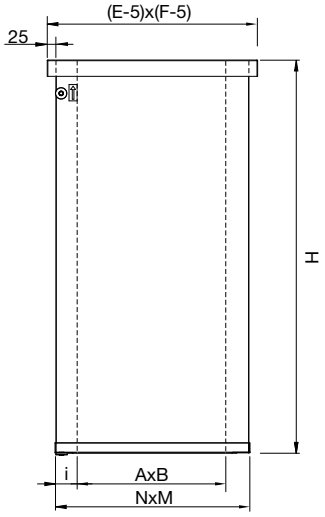


MKL with 50 mm insulation.

ULV2P Nominal size A×B (mm)	Connection size E×F (mm)	MKL (i=50 mm)		
		MKL-KL Nominal size (N×M KL-ExF)	A×B (mm)	N×M (mm)
800x300	950x450	MKL 900x400 KL-950x450	800x300	895x395
800x400	950x550	MKL 900x500 KL-950x550	800x400	895x495
800x500	950x650	MKL 900x600 KL-950x650	800x500	895x595
1000x500	1150x650	MKL 1100x600 KL-1150x650	1000x500	1095x595
1200x600	1350x750	MKL 1300x700 KL-1350x750	1200x600	1295x695
1400x800	1550x950	MKL 1500x900 KL-1550x950	1400x800	1495x895
1600x800	1750x950	MKL 1700x900 KL-1750x950	1600x800	1695x895
1600x1000	1750x1150	MKL 1700x1100 KL-1750x1150	1600x1000	1695x1095
1800x1000	1950x1050	MKL 1900x1100 KL-1950x1050	1800x1000	1895x995

MKL with 100 mm insulation.

ULV2P Nominal size A×B (mm)	Connection size E×F (mm)	MKL (i=100 mm)		
		MKL-KL Nominal size (N×M KL-ExF)	A×B (mm)	N×M (mm)
800×300	1050x550	MKL 1000x500 KL-1050x550	800×300	995×495
800×400	1050x650	MKL 1000x600 KL-1050x650	800×400	995×595
800×500	1050x750	MKL 1000x700 KL-1050x750	800×500	995×695
1000×500	1250x750	MKL 1200x700 KL-1250x750	1000×500	1195×695
1200×600	1450x850	MKL 1400x800 KL-1450x850	1200×600	1395×795
1400×800	1650x1050	MKL 1600x1000 KL-1650x1050	1400×800	1595×995
1600×800	1850x1050	MKL 1800x1000 KL-1850x1050	1600×800	1795×995
1600×1000	1850x1250	MKL 1800x1200 KL-1850x1250	1600×1000	1795×1195
1800×1000	2050x1150	MKL 2000x1200 KL-2050x1250	1800×1000	1995×1095



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

ULV2P with rain-plate and MKL roof transition.

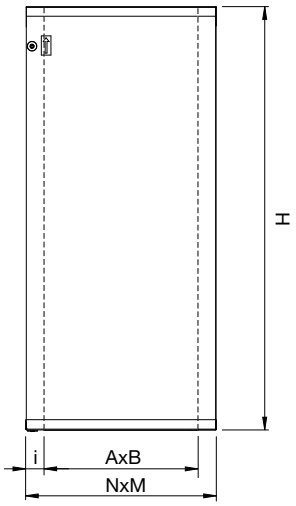
MKL with 50 mm insulation.

ULV2P Nominal size A×B (mm)	Connection size E×F (mm)	MKL (i=50 mm)		
		MKL Nominal size (N×M)	A×B (mm)	N×M (mm)
800×300	900×400	MKL 900×400	800×300	895×395
800×400	900×500	MKL 900×500	800×400	895×495
800×500	900×600	MKL 900×600	800×500	895×595
1000×500	1100×600	MKL 1100×600	1000×500	1095×595
1200×600	1300×700	MKL 1300×700	1200×600	1295×695
1400×800	1500×900	MKL 1500×900	1400×800	1495×895
1600×800	1700×900	MKL 1700×900	1600×800	1695×895
1600×1000	1700×1100	MKL 1700×1100	1600×1000	1695×1095
1800×1000	1900×1000	MKL 1900×1100	1800×1000	1895×995

MKL with 100 mm insulation.

ULV2P Nominal size A×B (mm)	Connection size E×F (mm)	MKL (i=100 mm)		
		MKL Nominal size (N×M)	A×B (mm)	N×M (mm)
800×300	1000×500	MKL 1000×500	800×300	995×495
800×400	1000×600	MKL 1000×600	800×400	995×595
800×500	1000×700	MKL 1000×700	800×500	995×695
1000×500	1200×700	MKL 1200×700	1000×500	1195×695
1200×600	1400×800	MKL 1400×800	1200×600	1395×795
1400×800	1600×1000	MKL 1600×1000	1400×800	1595×995
1600×800	1800×1000	MKL 1800×1000	1600×800	1795×995
1600×1000	1800×1200	MKL 1800×1200	1600×1000	1795×1195
1800×1000	2000×1100	MKL 2000×1200	1800×1000	1995×1095

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

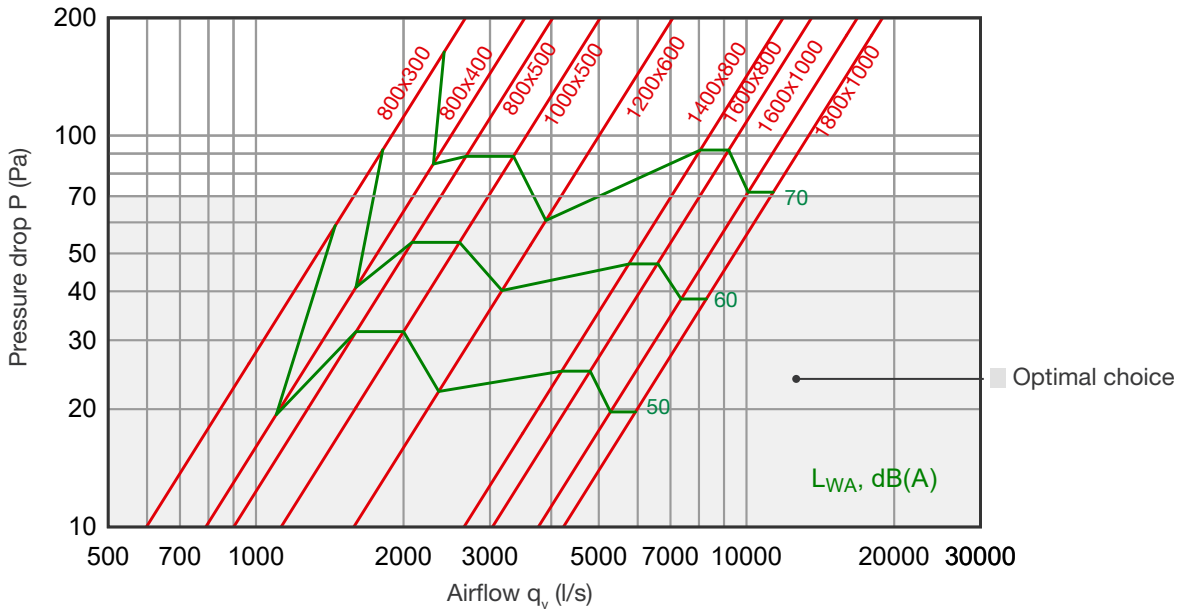


Installation opening
= (N+20)×(M+20) mm

Technical Data

Recommended maximum pressure drop 70 Pa. For best result, when choosing a roof hood, air velocity over the free area and velocity in the duct should not exceed 10 m/s. Velocity in the free area of the roof hood should be between 3 m/s and 10 m/s.

Pressure drop - Airflow



Product Marking

ULV2P - H AxB - E30 - RAL XXX

Marking

Material
Standard material Magnelis® (ZM310), not marked
H – acid-proof steel (AISI 316L)

Size
AxB – Rectangular duct connection dimensions

Duct connection
E30 – Europrofile connection 30 mm (AxB)
KL-ExF – Rain-plate connection dimensions (KL)

RAL
RAL colour, when coated

Example: **ULV2P 1000×500-E30 Roof hood with E30-profile**
ULV2P 1000×500-E30-RAL7000 Roof hood with E30-profile (coated)
ULV2P 1000×500-KL-1200×700 Roof hood with rain-plate