



The roof penetration kit consists of 1 pc. intake hood, 1 pc. exhaust hood and 2 pcs. insulated roof penetrations. If required, you can choose to include 2 pcs. couplings and a 3 m long ventilation duct in the delivery.

Available in five sizes: Ø160, Ø200, Ø250, Ø315 and Ø400.

The roof penetrations are constructed with two concentric ducts with an intermediate layer of mineral wool insulation and are fitted with a bottom end plate. The insulation thickness is a minimum of 50 mm. The external duct has a smooth surface.

The roof penetrations are supplied with roof flashings made of galvanized sheet metal or SabetoFlex, depending on the roof covering.

When the roof penetration is to be installed in a roof, floor slab or similar structure, the hole must be cut at least 25 mm larger than ØD specified in the tables below.

The roof penetrations are factory-sealed around the duct. Before installation, the seals must be inspected for any damage that may have occurred during transportation and handling. After installation, the seals must likewise be inspected for any damage that may have occurred during installation.

Seals exposed to significant loads, e.g. wind, may become overloaded and, in the worst case, develop leaks. It is therefore recommended that these seals are inspected at regular intervals, e.g. every two years.

Material and finish

Standard finish: Galvanized steel or powder-coated black.

For other finishes than the standard finishes, contact Airmaster.

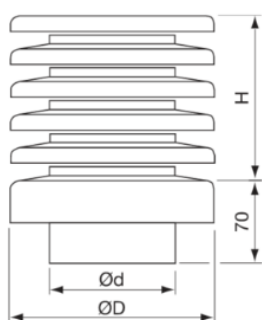
Maintenance

The external parts should be wiped with a damp cloth. The system including the seals must be inspected regularly, and objects such as leaves must be removed.

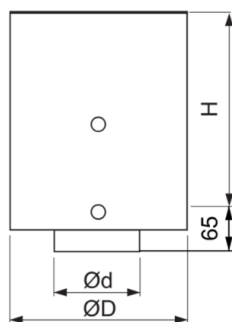
Roof penetration kit

Dimensions	$\varnothing d$ [mm]	$\varnothing D$ [mm]	Intake hood			Exhaust hood		Roof penetration
			H [mm]	Free area [m ²]	m [kg]	m [kg]	H [mm]	m [kg/pcs.]
Ø160	160	280	180	0.055	2.3	2.1	310	14.1
Ø200	200	315	250	0.100	3.4	3.2	380	17.7
Ø250	250	400	250	0.125	5.2	4.9	437	20.4
Ø315	315	450	290	0.182	8.7	9.6	540	26.8
Ø400	400	560	370	0.306	13.4	13.3	700	31.8

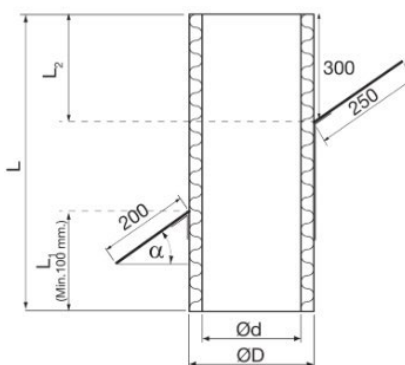
Intake hood



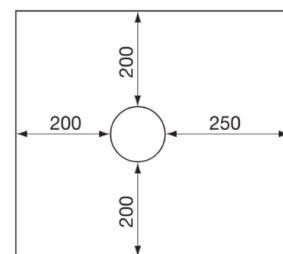
Exhaust hood



Insulated roof penetration



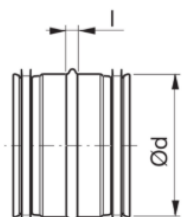
Roof flashing



Accessories

Dimensions	$\varnothing d$ [mm]	Couplings		3m ventilation duct			
		l [mm]	m [kg/pcs.]	Circumference [m]	Area [m ²]	Sheet metal thickness, t [mm]	m [kg/pcs.]
Ø160	160	8	0.19	0.503	0.020	0.45	5.5
Ø200	200	8	0.30	0.628	0.031	0.45	6.8
Ø250	250	8	0.52	0.785	0.049	0.45	8.5
Ø315	315	8	0.66	0.990	0.078	0.50	12.1
Ø400	400	10	1.10	1.257	0.126	0.60	18.0

Coupling



3m ventilation duct

