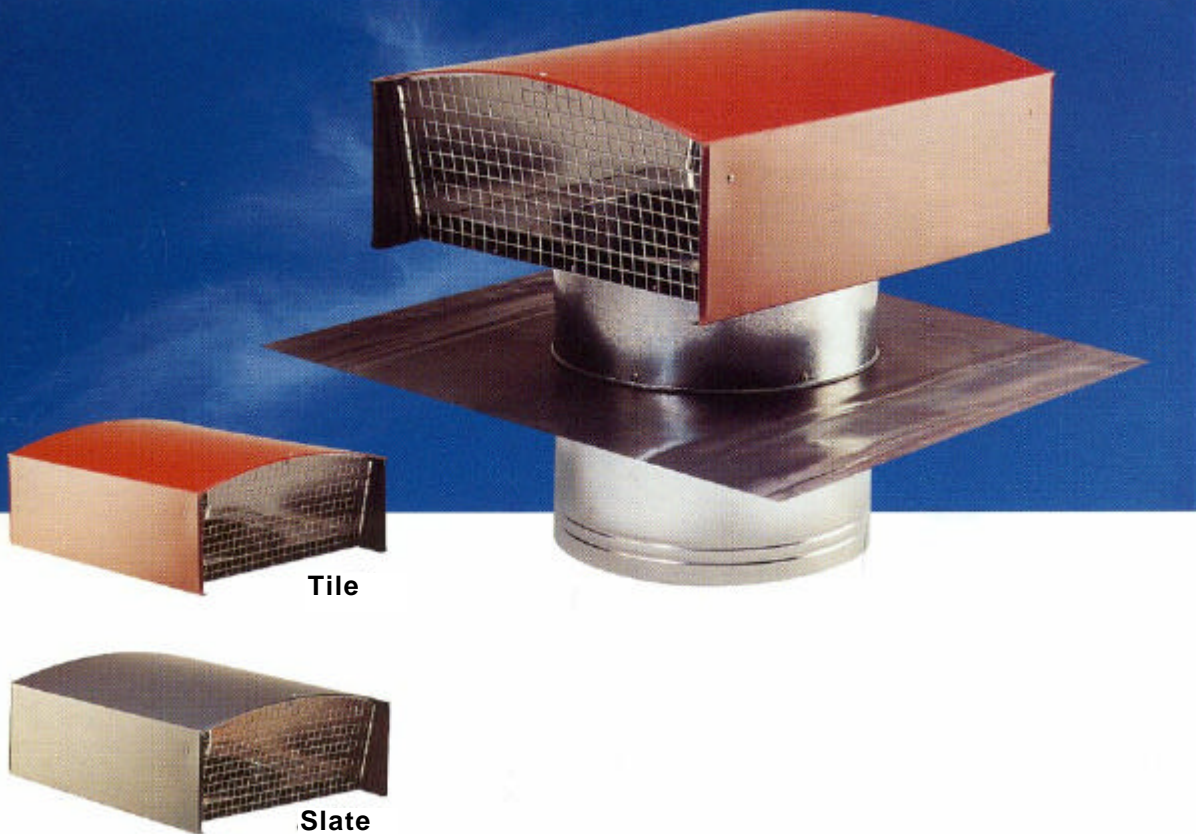


# Metallic Roof Vents Ø 125 to 630 mm

CTM 125  
to  
CTM 630



Tile

Slate

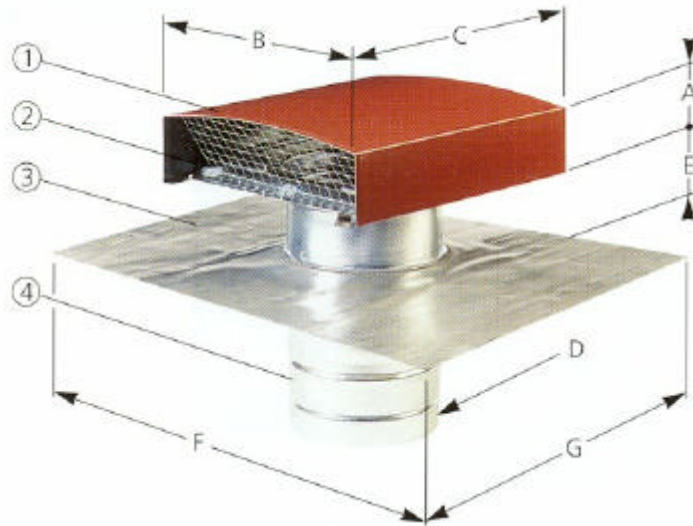
The metallic roof vents are used to reject and take air from buildings using mechanical ventilation systems : fix or dual flow VMC, air-conditioning systems and kitchen hoods.

These roof vents are characterized by their easy maintenance : a removable rain cover, a lead sheet which can be shaped to ensure the air-tightness, and from the Ø 200 mm, a support metal sheet for fixation.

They can be put on any type of roof, tiled or slated and ensure a good air-tightness.



**COMPONENTS**



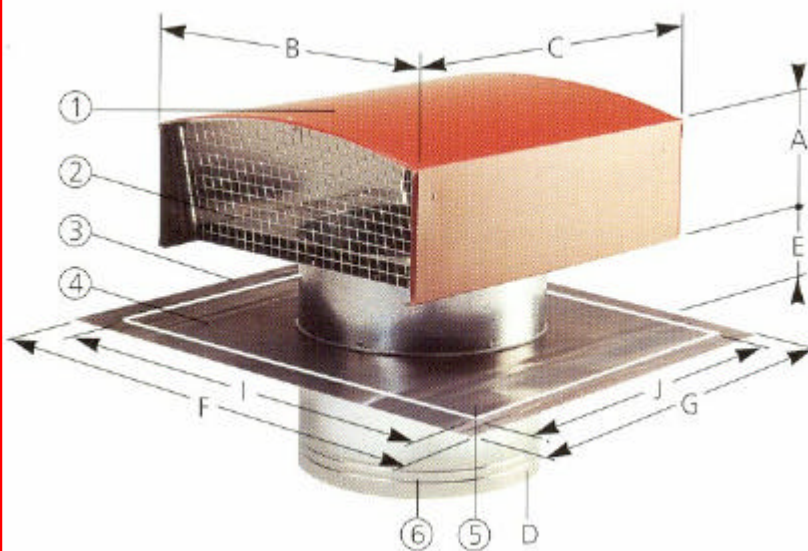
1. Raincover in painted aluminium
2. Protection grill
3. Lead sheet
4. Linking duct in galvanised steel

The metallic sleeve (4) is linked to the ventilation duct and is dependant to the lead sheet (3).

The rain cover (1) is removable to guarantee an easy installation and maintenance. The protection grills (2) protect the openings from birds and rodents.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Weight (kg)
CTM 125	54	200	250	125	70	500	400	175	4
CTM 150	65	248	300	150	70	500	400	175	4
CTM 160	65	248	300	160	70	500	400	175	4

**COMPONENTS**



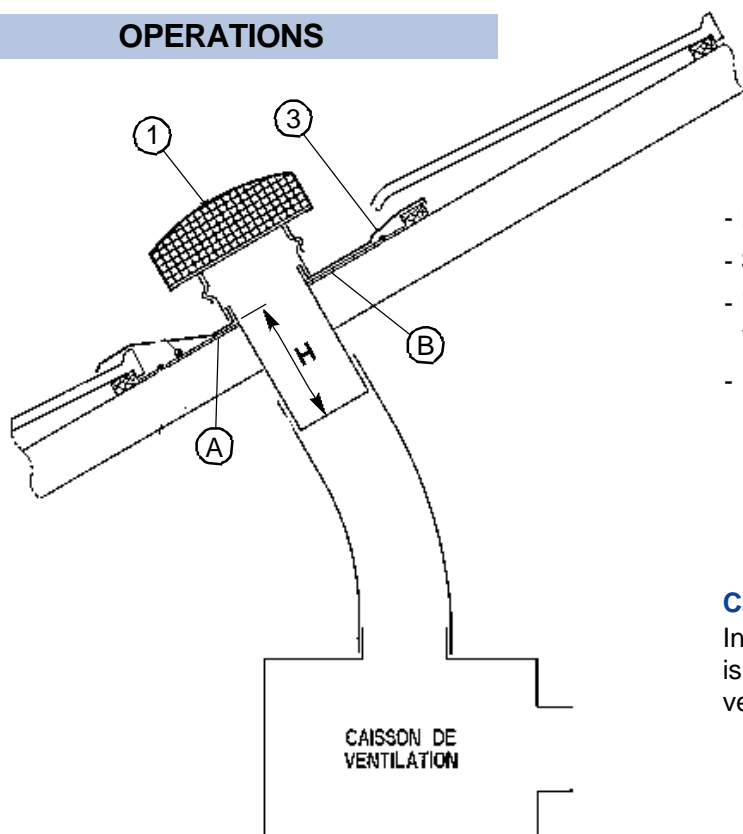
1. Raincover in painted aluminium
2. Protection grill
3. Lead sheet
4. Support metal sheet
5. Holes (for fixing in the frame)
6. Linking duct in galvanised steel

The metallic sleeve (6) is linked to the ventilation duct and is dependant to the support metal sheet (4) and the lead sheet (3).

The rain cover (1) is removable to guarantee an easy installation and maintenance. The protection grills (2) protect the openings from birds and rodents.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Weight (kg)
CTM 200	100	333	400	200	85	600	600	160	500	500	8
CTM 250	100	333	400	250	85	600	600	160	500	500	8
CTM 315	112	420	500	315	85	600	600	140	500	500	9
CTM 355	200	550	660	355	150	900	750	225	600	750	17
CTM 400	200	550	660	400	150	900	750	225	600	750	17
CTM 450	200	550	660	450	150	900	750	225	600	750	17
CTM 500	245	650	850	500	160	1200	1000	215	780	997	34
CTM 630	320	780	1000	630	160	1200	1000	215	780	997	36

## OPERATIONS

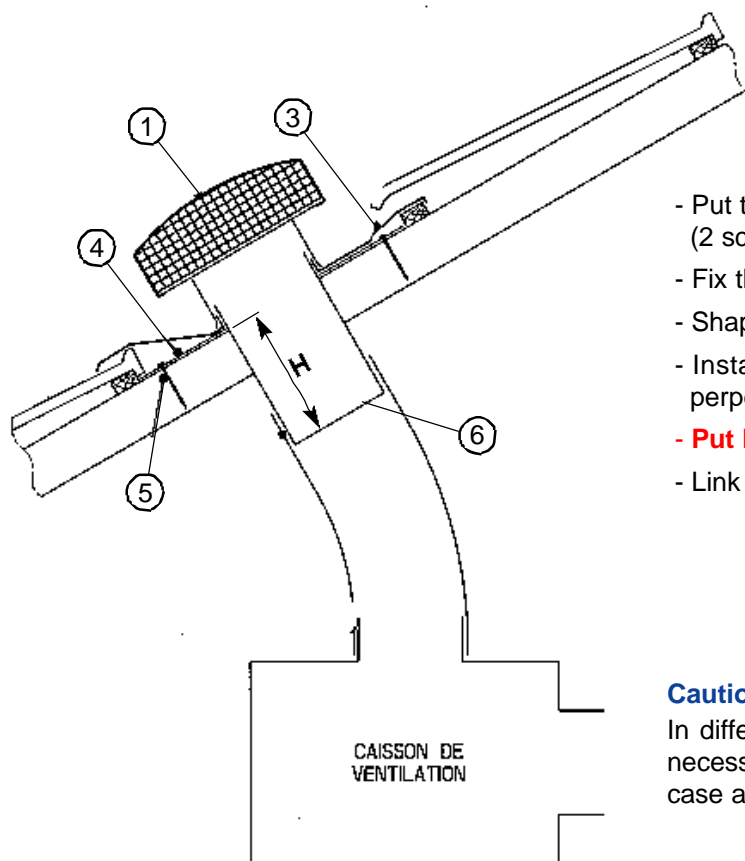


- Put the rain cover (1) fixed on the duct;
- Shape the lead sheet (3) ;
- For tiled roof, it is recommended to steady with a wedge to support the lead sheet in A and B;
- Install the rain cover with the air flowing out perpendicular to the roof slope.

### Caution before use :

In different situations, water can enter, therefore, it is necessary to check the air-tightness of duct / ventilation case and duct / roof vent.

## OPERATIONS



- Put the rain cover (1) fixed by 4 screws (2 screws on CTM 200 - 250 - 315);
- Fix the support metal (4) sheet on the frame;
- Shape the lead sheet (3) ;
- Install the rain cover with the air flowing out perpendicular to the roof slope ;
- **Put back and block all the screws;**
- Link the metallic sleeve (6) to the ventilation duct.

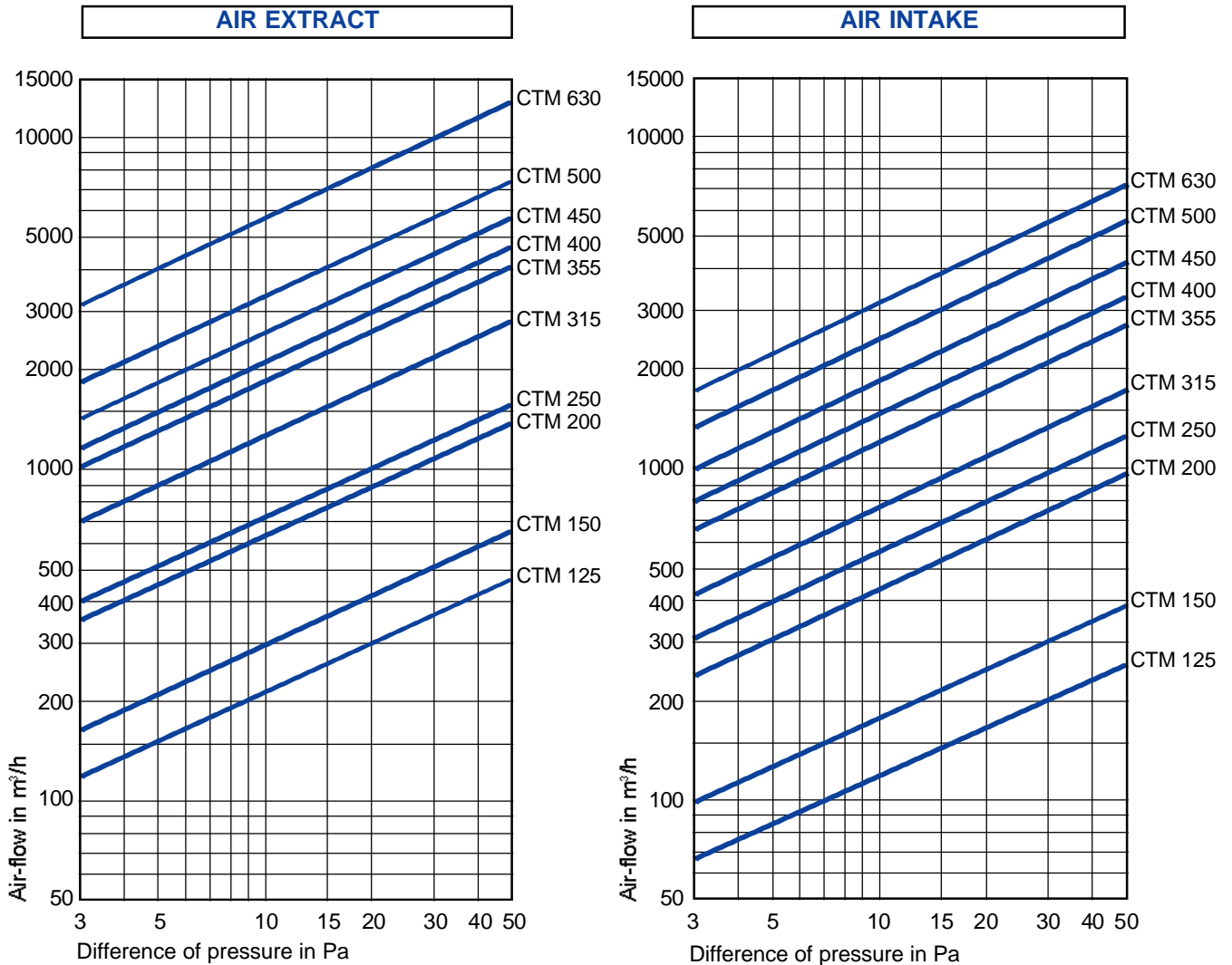
### Caution before use :

In different situations, water can enter, therefore, it is necessary to check the air-tightness of duct / ventilation case and duct / roof vent.

## AIR-FLOW CHARACTERISTICS

The effects of strong wind don't cause much variation on the initial air-flow characteristics.

The curves underneath show the evolution of the flows according to the difference of pressure in Pa.



The table underneath indicates the flows at 20 Pa and the passing air section through the duct and the grills.

	Air-flow at 20 Pa in m³/h		Section area in cm²	
	air extract	air intake	Ø interior of the duct	for grills
CTM 125	295	160	117	190
CTM 150	420	245	170	330
CTM 160	420	245	170	330
CTM 200	900	600	305	580
CTM 250	1050	850	479	580
CTM 315	1800	1100	765	850
CTM 355	2600	1700	973	1850
CTM 400	3000	2100	1238	1850
CTM 450	3600	2600	1569	1850
CTM 500	4700	3500	1940	2400
CTM 630	8000	4500	3088	3930