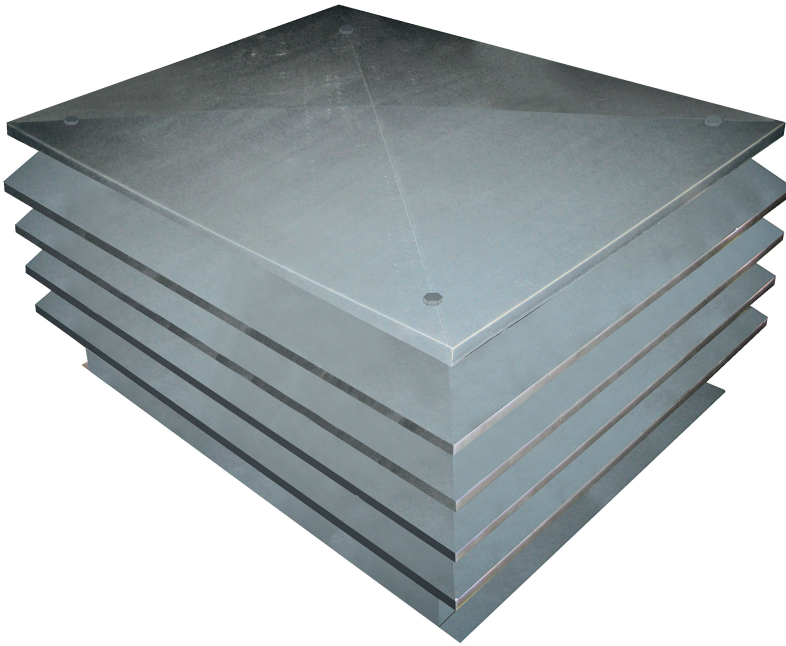


- Roof hoods
- Aluminium
- Anodised



Aluminium roof hoods type CTE-P

Aesthetic roof hood for air supply or exhaust in ventilation systems with a physical free passage of up to 58%.

Brand

- Cairox

Application

- For air supply or exhaust of ventilation systems through flat roof surfaces

Material

- Anodized aluminium

Colour

- Finished as standard in anodized natural-coloured aluminium.
- Finishing in standard RAL colors available on request.

Composition

- Demountable anodized aluminum roof with sheet thickness of 1,5 mm
- The weatherproof blades are made out aluminium with a step of 75 mm
- Aluminum roof soccle, height 200 mm
- Galvanized bird mesh 16x16 mm mounted behind the blades
- Lifting eyes which can be replaced with the supplied bolts

Mounting

- To be mounted on flat roofs and to be made waterresistance

Other available products

- Other dimensions available on request, available in dimensions from 400x400 mm LxB to a maximum of 5500x2000 mm LxB.
- Available with access hatch on request
- Available with different base height on request
- On request with a base in Z-profile for mounting on a soccle

Text for tender

- The aluminum roof hoods are suitable for air supply or exhaust in ventilation systems with a physical free passage up to 58%. They are made of anodized aluminum profile and a sloping aluminum roof with a sheet thickness of 1.5mm. A bird mesh of 16x16 mm is placed behind the blades. The roof hoods have a socle with a height of 200 mm. The roof is fitted with lifting eyes which, after installation, are replaced by the supplied finishing bolts. The version is standard in anodised aluminum and can be finished on request in a standard RAL color of your choice. The aluminum roof hoods are available in various standard dimensions, but can also be made to measure on request.
- CAIROX BELGIUM type **CTE-P**

Order example

- CTE-P, 500 X 500 mm LxB , n=5**

Explanation

CTE-P = Type roof hood

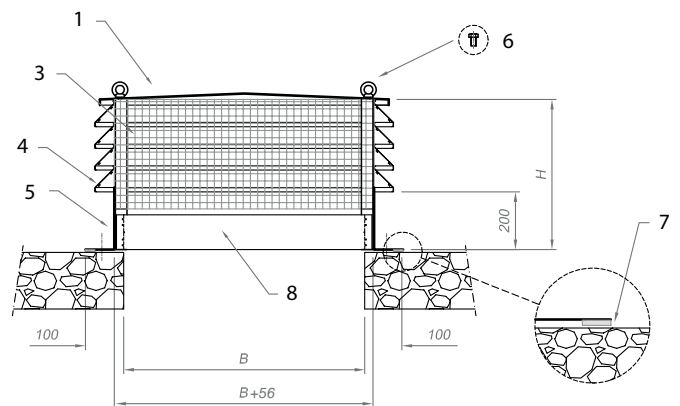
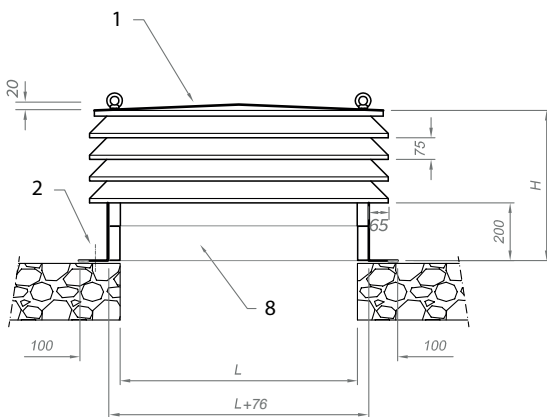
500 X 500 mm LxB = Size length and width according drawing

n=5 = Number of blades

Type	Quick selection						
	Ak [m²]	Vk = 2 m/s			Vk = 3,5 m/s		
		Q [m³/h]	Ps [Pa]	Lw(A) [dB(A)]	Q [m³/h]	Ps [Pa]	Lw(A) [dB(A)]
CTE-P 400 x 400 mm LxB n=4	0.278	2000	6	32	3500	19	48
CTE-P 600 x 400 mm LxB n=4	0.348	2500	6	32	4400	19	48
CTE-P 500 x 500 mm LxB n=5	0.435	3100	6	33	5500	19	49
CTE-P 600 x 600 mm LxB n=6	0.626	4500	6	34	7900	19	50
CTE-P 1000 x 600 mm LxB n=6	0.835	6000	6	34	10500	19	50
CTE-P 800 x 800 mm LxB n=8	1.114	8000	6	35	14000	19	51
CTE-P 1000 x 800 mm LxB n=8	1.253	9000	6	35	15800	19	51
CTE-P 1000 x 1000 mm LxB n=10	1.740	12500	6	36	21900	19	52
CTE-P 1400 x 1000 mm LxB n=10	2.088	15000	6	36	26300	19	52
CTE-P 1800 x 1000 mm LxB n=10	2.436	18000	7	37	30700	19	52
CTE-P 1200 x 1200 mm LxB n=12	2.506	18000	6	37	31600	19	53
CTE-P 1400 x 1400 mm LxB n=14	3.410	25000	6	38	43000	19	53

Symbols and specifications

- Ak = Effective area in m²
- Vk = 2 m/s = Effective velocity for supply air in m/s
- Vk = 3.5 m/s = Effective velocity for exhaust air in m/s
- Q = Air volume in m³/h
- Ps = Static pressure in Pa
- LwA = sound power in dB(A)



L	B
≤ 5.500	≤ 2.000
> 400	

9	
L	N°
< 800	2
≤ 2000	4
≤ 4000	6
> 4000	8

10	
Deflectors	H
2	370
3	445
4	520
5	595
6	670
7	745
8	820
9	895
10	970

10	
Deflectors	H
11	1045
12	1120
13	1195
14	1270
15	1345
16	1420
17	1495
18	1570
19	1645
20	1720

1. Anodised aluminium roof
2. Fixation of roof base by screws
3. Bird mesh 16x16 mm
4. Aluminium blades
5. Aluminium base to be fixed on the roof surface
6. Eye-screw for lifting the roof passage, to be replaced by regular screws
7. Seal for airtight fixing
8. Sizes larger than 1250 mm are reinforced
9. Number of lifting eye-screws provided according to the roofhood size
10. Height of the roof hood i.f.v. the number of slats