



Round ribbed roof caps type DKL

Galvanized steel roof hoods

Brand

- Cairox

Application

- Roofpassage for air intake or exhaust in ventilation systems

Material

- Galvanized steel roof hood with multiple blades
- Birdscreen, made of steel

Colour

- Other RAL colours available upon request

Accessories

- Roof passages - **DAD**
- Weather collars - **SOD**

Other available products

The roof hoods are also available in stainless steel or other commonly used metals, or with a synthetic resin coating.

Order example

- **DKL 125**

Explanation

DKL = Type roof cap

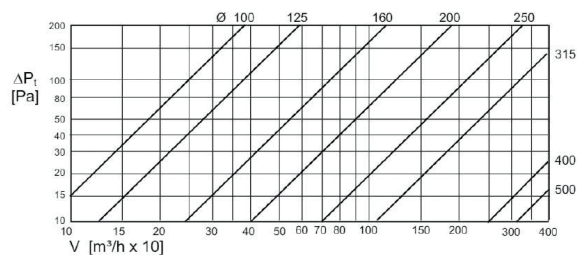
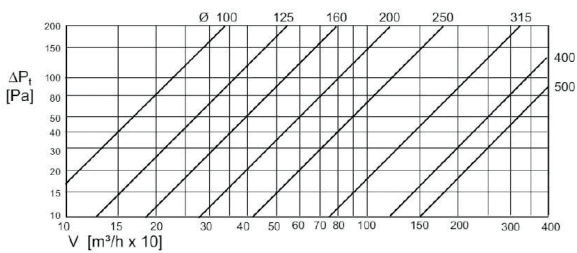
125 = Connection diameter

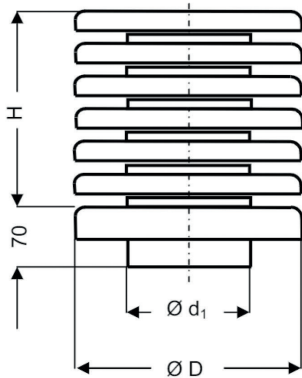
		Quick selection							
Q	DKL	100	125	160	200	250	315	400	500
50	Ak	0.02	0.03	0.06	0.1	0.13	0.18	0.31	0.44
	Vk	0.7	0.5						
	Ps	4	2						
	Lw(A)	<20	<20						
100	Vk	1.4	0.9						
	Ps	16	7						
	Lw(A)	23	<20						
	Vk	2.1	1.4	0.7					
150	Ps	37	16	7					
	Lw(A)	38	20	<20					
	Vk		1.9	0.9	0.6				
	Ps		29	12	6				
200	Lw(A)		31	25	<20				
	Vk			1.4	0.8	0.6			
	Ps			28	12	6			
	Lw(A)			40	31	<20			
300	Vk			1.9	1.1	0.9	0.6		
	Ps			50	22	10	3		
	Lw(A)			50	41	27	<20		
	Vk				1.7	1.3	0.9		
400	Ps			49	22	6	6		
	Lw(A)			56	42	24			
	Vk			2.2	1.7	1.2	0.7		
	Ps			87	39	10	6.5		
600	Lw(A)			67	52	34	20		
	Vk				2.1	1.5	0.9	0.6	
	Ps				61	16	10	7	
	Lw(A)				60	42	28	<20	
800	Vk					1.9	1.1	0.8	
	Ps					23	15	10	
	Lw(A)					49	34	23	
	Vk					2.2	1.3	0.9	
1000	Ps					31	20	13	
	Lw(A)					55	40	29	
	Vk						1.6	1.1	
	Ps						33	22	
1200	Lw(A)						49	38	
	Vk						2	1.4	
	Ps						49	33	
	Lw(A)						57	46	
1400	Vk							1.6	
	Ps							47	
	Lw(A)							52	
	Vk								1.9
1800	Ps								62
	Lw(A)								57

Symbols and specifications

- Q = Air volume in m³/h
- Ak = Effective surface (free area) in m²
- Vk = Average effective velocity through the grill in m/s
- Ps = Static pressure loss given in Pa
- Lw(A) = Acoustic power in dB(A)
- Selection data for fresh air intake
- Values for exhaust may differ

Pressure loss





DKL	Dimensions				
	Ø d1 [mm]	Ø D [mm]	H [mm]	Ak [m ²]	(kg)
100	97	165	110	0.02	1.0
125	123	205	145	0.03	1.5
160	157	255	180	0.06	2.0
200	197	320	250	0.10	2.9
250	247	320	250	0.13	3.2
315	312	405	290	0.18	6.4
400	395	505	370	0.31	10.1
500	495	635	410	0.44	15.9

Remark

To prevent moisture from being drawn in by air intake, the air velocity may not exceed 2 m/s on the free surface