

- Built-in
- Circular
- Aluminium
- White



Round aluminium louvres type BLR-K

Circular louvres made of aluminium in white finish RAL 9010.

Application

- For fresh air intake or exhaust ventilation systems

Material

- Aluminium

Colour

- White, RAL 9010

Composition

- Aluminium frame in white finish
- Fixing with screws in the frame (included)
- The weather resistant blades have a blade pitch of 25 mm for diameters 315 to 710, and a pitch of 75 mm for superior diameters

Mounting

- Build-in mounting by screws through pre-drilled holes in the frame

Text for tender

- The external air louvres shall be of the circular type, made of aluminium
- White finish, RAL 9010
- **ATC** Type **BLR-K**

Order example

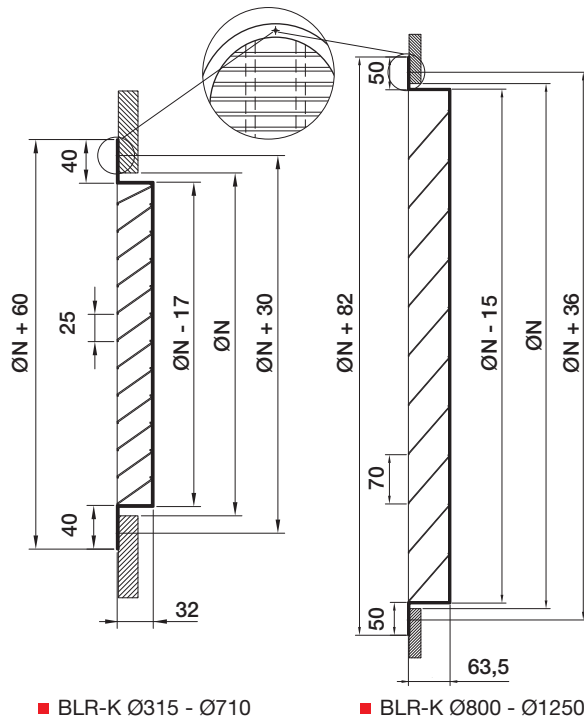
- **BLR-K, 400**

Explanation

BLR-K = Type grill

400 = Connection diameter





Quick selection

Q [m³/h]	Ø	315	400	450	500	630	710	800	1000	1250
		Aeff (m²)	0.04	0.06	0.08	0.10	0.16	0.21	0.27	0.43
150	Veff (m/s)	1.13								
	ps (Pa)	4.36								
	dB(A)	<20								
200	Veff (m/s)	1.50								
	ps (Pa)	7.76								
	dB(A)	22.64								
250	Veff (m/s)	1.88	1.13							
	ps (Pa)	12.12	4.37							
	dB(A)	28.15	<20							
300	Veff (m/s)	2.25	1.35							
	ps (Pa)	17.46	6.30							
	dB(A)	32.65	21.33							
350	Veff (m/s)	2.63	1.58	1.23						
	ps (Pa)	23.76	8.57	5.19						
	dB(A)	36.46	25.14	<20						
400	Veff (m/s)	3.00	1.80	1.40	1.12					
	ps (Pa)	31.03	11.20	6.78	4.32					
	dB(A)	39.75	28.44	22.86	<20					
500	Veff (m/s)	3.75	2.26	1.75	1.40					
	ps (Pa)	48.49	17.50	10.59	6.75					
	dB(A)	45.26	33.95	28.37	23.38					
600	Veff (m/s)	4.51	2.71	2.11	1.68	1.03				
	ps (Pa)	69.83	25.20	15.25	9.73	3.63				
	dB(A)	49.77	38.45	32.87	27.88	<20				
700	Veff (m/s)	5.26	3.16	2.46	1.96	1.20				
	ps (Pa)	95.04	34.30	20.75	13.24	4.94				
	dB(A)	53.57	42.26	36.68	31.69	20.74				
800	Veff (m/s)		3.61	2.81	2.24	1.37	1.06			
	ps (Pa)		44.80	27.10	17.29	6.45	3.87			
	dB(A)		45.55	39.98	34.98	24.04	<20			
900	Veff (m/s)		4.06	3.16	2.52	1.54	1.19			
	ps (Pa)		56.70	34.30	21.88	8.16	4.90			
	dB(A)		48.46	42.88	37.89	26.95	21.28			
1000	Veff (m/s)		4.51	3.51	2.80	1.71	1.33	1.03		
	ps (Pa)		70.00	42.35	27.02	10.08	6.05	1.44		
	dB(A)		51.06	45.49	40.50	29.55	23.89	<20		
1200	Veff (m/s)			4.21	3.36	2.05	1.59	1.23		
	ps (Pa)			60.98	38.90	14.51	8.72	2.07		
	dB(A)			49.99	45.00	34.05	28.39	22.73		
1400	Veff (m/s)			4.91	3.92	2.40	1.86	1.44		
	ps (Pa)			83.01	52.95	19.76	11.86	2.82		
	dB(A)			53.79	48.80	37.86	32.19	26.54		
1600	Veff (m/s)				4.48	2.74	2.12	1.65	1.02	
	ps (Pa)				69.16	25.80	15.49	3.68	1.42	
	dB(A)				52.10	41.15	35.49	29.84	<20	
1800	Veff (m/s)					3.08	2.39	1.85	1.15	
	ps (Pa)					32.66	19.61	4.66	1.80	
	dB(A)					44.06	38.40	32.75	22.18	
2000	Veff (m/s)					3.42	2.65	2.06	1.28	
	ps (Pa)					40.32	24.21	5.75	2.22	
	dB(A)					46.66	41.00	35.35	24.78	
2500	Veff (m/s)					4.28	3.32	2.57	1.60	0.99
	ps (Pa)					62.99	37.83	8.99	3.47	1.34
	dB(A)					52.17	46.51	40.86	30.29	<20
3000	Veff (m/s)						3.98	3.08	1.92	1.19
	ps (Pa)						54.47	12.94	5.00	1.93
	dB(A)						51.01	45.36	34.79	24.22
4000	Veff (m/s)							4.11	2.56	1.59
	ps (Pa)							23.01	8.88	3.43
	dB(A)							52.47	41.90	31.33
5000	Veff (m/s)								3.19	1.98
	ps (Pa)								13.88	5.36
	dB(A)								47.41	36.84
6000	Veff (m/s)									3.83
	ps (Pa)									19.98
	dB(A)									51.91
7000	Veff (m/s)									
	ps (Pa)									2.78
	dB(A)									10.50
8000	Veff (m/s)									
	ps (Pa)									45.14
	dB(A)									3.18
9000	Veff (m/s)									
	ps (Pa)									13.71
	dB(A)									48.44
10000	Veff (m/s)									
	ps (Pa)									3.57
	dB(A)									17.35
										51.35
										3.97
										21.42
										53.95

Quick selection

Q	Dia	315	400	450	500	630	710	800	1000	1250
(m ³ /h)	Aeff (m ²)	0.04	0.06	0.08	0.10	0.16	0.21	0.27	0.43	0.70
150	Veff (m/s)	1.10								
	ps (Pa)	4								
	dB(A)	<20								
200	Veff (m/s)	1.50								
	ps (Pa)	8								
	dB(A)	23								
250	Veff (m/s)	1.90	1.10							
	ps (Pa)	12	4							
	dB(A)	28	<20							
300	Veff (m/s)	2.30	1.40							
	ps (Pa)	17	6							
	dB(A)	33	21							
350	Veff (m/s)	2.60	1.60	1.20						
	ps (Pa)	24	9	5						
	dB(A)	36	25	<20						
400	Veff (m/s)	3	1.80	1.40	1.10					
	ps (Pa)	31	11	7	4					
	dB(A)	40	28	23	<20					
500	Veff (m/s)	3.80	2.30	1.80	1.40					
	ps (Pa)	48	17	11	7					
	dB(A)	45	34	28	23					
600	Veff (m/s)	4.50	2.70	2.10	1.70	1				
	ps (Pa)	70	25	15	10	4				
	dB(A)	50	38	33	28	<20				
700	Veff (m/s)	5.30	3.20	2.50	2	1.20				
	ps (Pa)	95	34	21	13	5				
	dB(A)	54	42	37	32	21				
800	Veff (m/s)		3.60	2.80	2.20	1.40	1.10			
	ps (Pa)		45	27	17	6	4			
	dB(A)		46	40	35	24	<20			
900	Veff (m/s)		4.10	3.20	2.50	1.50	1.20			
	ps (Pa)		57	34	22	8	5			
	dB(A)		48	43	38	27	21			
1000	Veff (m/s)		4.50	3.50	2.80	1.70	1.30	1		
	ps (Pa)		70	42	27	10	6	1		
	dB(A)		51	45	40	30	24	<20		
1200	Veff (m/s)			4.20	3.40	2.10	1.60	1.20		
	ps (Pa)			61	39	15	9	2		
	dB(A)			50	45	34	28	23		
1400	Veff (m/s)			4.90	3.90	2.40	1.90	1.40		
	ps (Pa)			83	53	20	12	3		
	dB(A)			54	49	38	32	27		
1600	Veff (m/s)				4.50	2.70	2.10	1.60	1	
	ps (Pa)				69	26	15	4	1	
	dB(A)				52	41	35	30	<20	
1800	Veff (m/s)					3.10	2.40	1.90	1.10	
	ps (Pa)					33	20	5	2	
	dB(A)					44	38	33	22	
2000	Veff (m/s)					3.40	2.70	2.10	1.30	
	ps (Pa)					40	24	6	2	
	dB(A)					47	41	35	25	
2500	Veff (m/s)					4.30	3.30	2.60	1.60	1
	ps (Pa)					63	38	9	3	1
	dB(A)					52	47	41	30	<20
3000	Veff (m/s)						4	3.10	1.90	1.20
	ps (Pa)						54	13	5	2
	dB(A)						51	45	36	24
4000	Veff (m/s)							4.10	2.60	1.60
	ps (Pa)							23	9	3
	dB(A)							52	42	31
5000	Veff (m/s)								3.20	2
	ps (Pa)								14	5
	dB(A)								47	37
6000	Veff (m/s)								3.80	2.40
	ps (Pa)								20	8
	dB(A)								52	21
7000	Veff (m/s)									2.80
	ps (Pa)									10
	dB(A)									45
8000	Veff (m/s)									3.20
	ps (Pa)									14
	dB(A)									48
9000	Veff (m/s)									3.60
	ps (Pa)									17
	dB(A)									51
10000	Veff (m/s)									4
	ps (Pa)									21
	dB(A)									54

Quick selection

Q	Dia	315	400	450	500	630	710	800	1000	1250
(m ³ /h)	Aeff (m ²)	0.04	0.06	0.08	0.10	0.16	0.21	0.27	0.43	0.70
150	Veff (m/s)	1.10								
	ps (Pa)	4								
	dB(A)	<20								
200	Veff (m/s)	1.50								
	ps (Pa)	8								
	dB(A)	23								
250	Veff (m/s)	1.90	1.10							
	ps (Pa)	12	4							
	dB(A)	28	<20							
300	Veff (m/s)	2.30	1.40							
	ps (Pa)	17	6							
	dB(A)	33	21							
350	Veff (m/s)	2.60	1.60	1.20						
	ps (Pa)	24	9	5						
	dB(A)	36	25	<20						
400	Veff (m/s)	3	1.80	1.40	1.10					
	ps (Pa)	31	11	7	4					
	dB(A)	40	28	23	<20					
500	Veff (m/s)	3.80	2.30	1.80	1.40					
	ps (Pa)	48	17	11	7					
	dB(A)	45	34	28	23					
600	Veff (m/s)	4.50	2.70	2.10	1.70	1				
	ps (Pa)	70	25	15	10	4				
	dB(A)	50	38	33	28	<20				
700	Veff (m/s)	5.30	3.20	2.50	2	1.20				
	ps (Pa)	95	34	21	13	5				
	dB(A)	54	42	37	32	21				
800	Veff (m/s)		3.60	2.80	2.20	1.40	1.10			
	ps (Pa)		45	27	17	6	4			
	dB(A)		46	40	35	24	<20			
900	Veff (m/s)		4.10	3.20	2.50	1.50	1.20			
	ps (Pa)		57	34	22	8	5			
	dB(A)		48	43	38	27	21			
1000	Veff (m/s)		4.50	3.50	2.80	1.70	1.30	1		
	ps (Pa)		70	42	27	10	6	1		
	dB(A)		51	45	40	30	24	<20		
1200	Veff (m/s)			4.20	3.40	2.10	1.60	1.20		
	ps (Pa)			61	39	15	9	2		
	dB(A)			50	45	34	28	23		
1400	Veff (m/s)			4.90	3.90	2.40	1.90	1.40		
	ps (Pa)			83	53	20	12	3		
	dB(A)			54	49	38	32	27		
1600	Veff (m/s)				4.50	2.70	2.10	1.60	1	
	ps (Pa)				69	26	15	4	1	
	dB(A)				52	41	35	30	<20	
1800	Veff (m/s)					3.10	2.40	1.90	1.10	
	ps (Pa)					33	20	5	2	
	dB(A)					44	38	33	22	
2000	Veff (m/s)					3.40	2.70	2.10	1.30	
	ps (Pa)					40	24	6	2	
	dB(A)					47	41	35	25	
2500	Veff (m/s)					4.30	3.30	2.60	1.60	1
	ps (Pa)					63	38	9	3	1
	dB(A)					52	47	41	30	<20
3000	Veff (m/s)						4	3.10	1.90	1.20
	ps (Pa)						54	13	5	2
	dB(A)						51	45	36	24
4000	Veff (m/s)							4.10	2.60	1.60
	ps (Pa)							23	9	3
	dB(A)							52	42	31
5000	Veff (m/s)								3.20	2
	ps (Pa)								14	5
	dB(A)								47	37
6000	Veff (m/s)								3.80	2.40
	ps (Pa)								20	8
	dB(A)								52	21
7000	Veff (m/s)									2.80
	ps (Pa)									10
	dB(A)									45
8000	Veff (m/s)									3.20
	ps (Pa)									14
	dB(A)									48
9000	Veff (m/s)									3.60
	ps (Pa)									17
	dB(A)									51
10000	Veff (m/s)									4
	ps (Pa)									21
	dB(A)									54