

Roof Valves

KW

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Description

The KW outlet valve is designed for mounting on ceilings, walls or directly on ducts with use of the special assembly frame RM. The KW valve has a continuous adjustment of exhausted air by rotating central disc. Selected slot can be fixed by means of a fixing nut. Special construction of the valve ensures a low level of noise as well as easy and fast assembly.

Material: steel sheet
Furnishing: furnace enamelling
Standard colour: white

Example identification

Product code: KW - aaa

type _____
 Ød _____

Technical Data

Parameters

Volumetric flow q (l/s or m^3/h), total pressure loss P_t (Pa), and acoustic pressure level L_A (dB(A)), can be read from the figure.

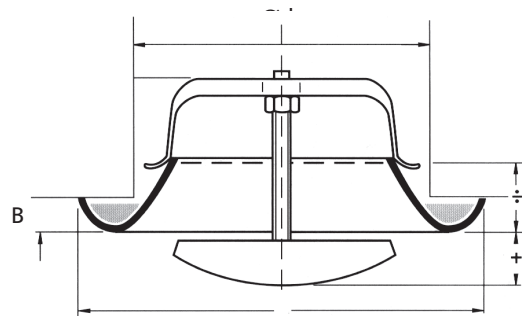
Pressure losses P_t

The figures show total pressure loss P_t (Pa).

Acoustic pressure level, L_A

The figure shows acoustic pressure level L_A (dB(A)). The noise level is specified for a room attenuation of 4dB, which translates into attenuation in the reverberation zone of the SABINE room with an acoustic absorption of $10 m^2$.

Dimensions



Ød = dent/internal diameter of the duct

Ød nom [mm]	A [mm]	B [mm]	weight [kg]
80	115	12	0,1
100	137	12	0,2
125	164	12	0,3
150	202	12	0,3
160	212	12	0,5
200	248	12	0,7
250	302	12	0,9

Acoustic pressure level, L_A (dB(A))

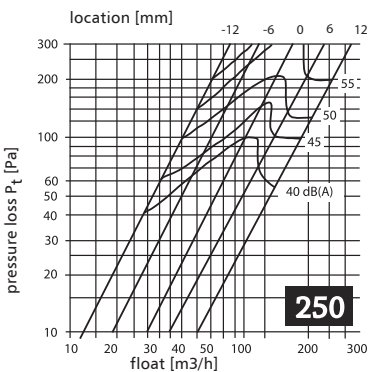
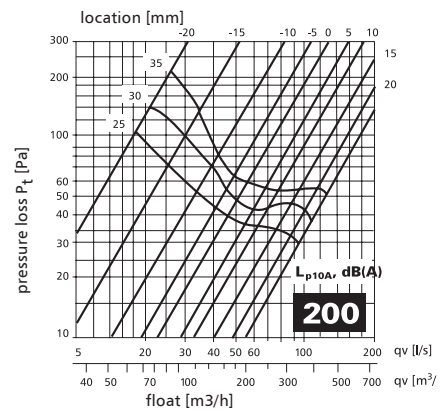
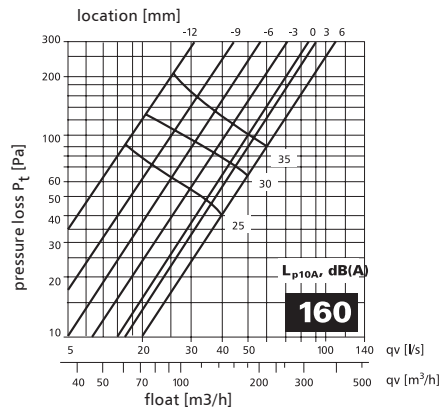
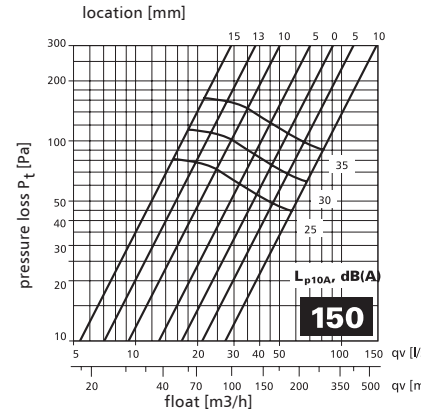
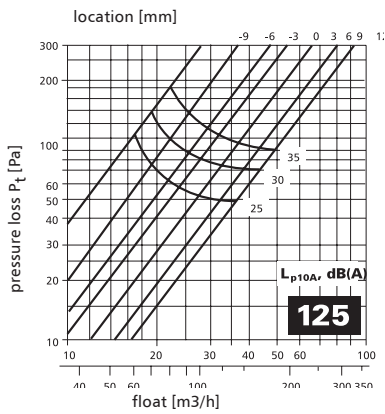
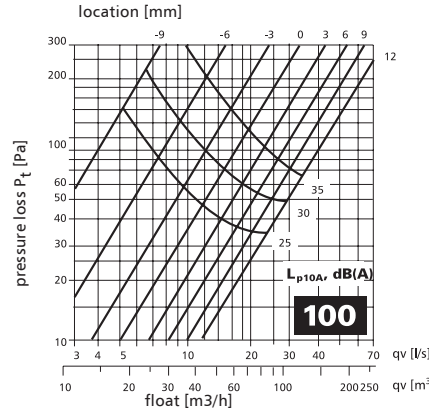
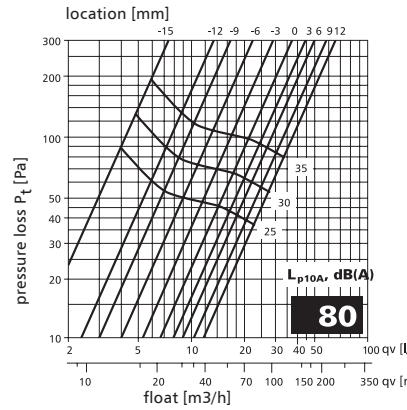
dimension [mm]	average frequency (Hz)						
	125	250	500	1000	2000	4000	8000
80	-2	-6	-5	1	-1	-5	-14
100	-2	-4	-3	0	-1	-8	-16
125	4	3	1	-1	-3	-12	-22
160	-1	0	1	0	-4	-13	-26
200	0	-5	1	2	-13	-28	-32
250	1	-7	2	3	-15	-29	-33
tolerance	3	2	2	2	2	2	3

Sound attenuation (dB)

dimension [mm]	average frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
80	24	18	14	9	7	7	7	9
100	22	16	11	7	5	5	5	7
125	21	14	9	7	4	4	6	8
160	14	13	8	5	4	4	7	7
200	17	10	6	4	3	4	8	4
250	15	8	5	3	2	3	6	5
tolerance	6	3	2	2	2	2	2	3

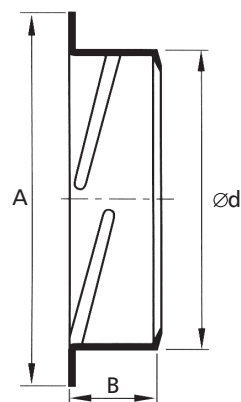
Technical Data

Selection charts





Dimensions



Description

Where specified in this catalogue, the control valves are supplied with an end cover that is provided with a bayonet socket. The end cover fits directly into SPR ducts, as well as all types of the flexible ducts.

Example identification

Product code: **RM** - **aaa**

type _____
 Ød _____

$\varnothing d$ rated [mm]	A [mm]	B [mm]	weight [kg]
80	118	50	0,040
100	125	50	0,050
125	155	50	0,065
150	176	50	0,085
160	186	50	0,100
200	230	50	0,140
250	280	50	0,175