

Valve

KU



Description

Valve for extract air.
Designed for wall or ceiling mounting.
Bayonet holders connect to socket VRGU, VRGL or VRGM.

Maintenance

The visible parts can be wiped with a damp cloth.

Materials and finish

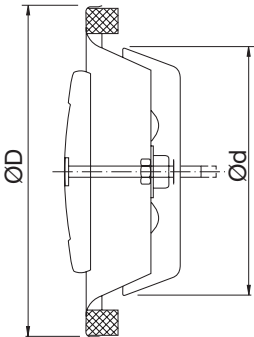
Material

Powder-coated galvanized sheet metal.

Colour

White RAL 9003*, gloss 30 or white RAL 9010 gloss30.

Dimensions



Ød nom	ØD [mm]	m [kg]
80	110	0,13
100	130	0,19
125	160	0,27
150	188	0,36
160	190	0,38
200	245	0,58

*Dim. 150 (Ød nom) is not available in RAL 9003

Valve

KU

Technical data

Air flow, q [l/s] and [m³/h],
total pressure drop, Δp_t [Pa], and
A-weighted sound power level, L_{WA} [dB], for different
settings, a [mm],
are shown in the graphs.

Sound power level, L_{Wok} [dB], in octave bands

is calculated as $L_{WA} + K_{ok}$.
 K_{ok} is found in the table below.

Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	–	–8	–5	–6	–6	–4	–12	–21
125	Duct	–	–11	–4	–6	–7	–3	–16	–25
160	Duct	–	–7	–4	–6	–3	–6	–18	–31
200	Duct	–	–7	–6	–7	–2	–9	–18	–27

Tolerance	–	±3	±2	±2	±2	±2	±2	±3
-----------	---	----	----	----	----	----	----	----

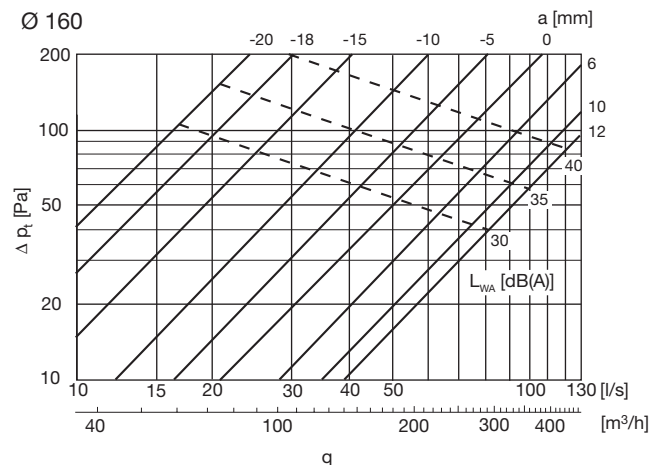
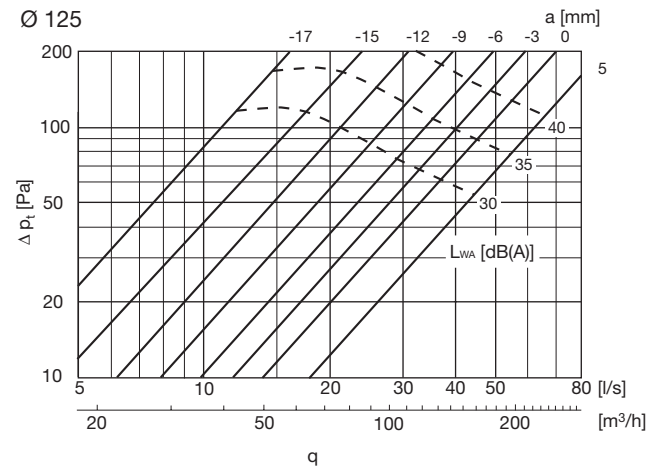
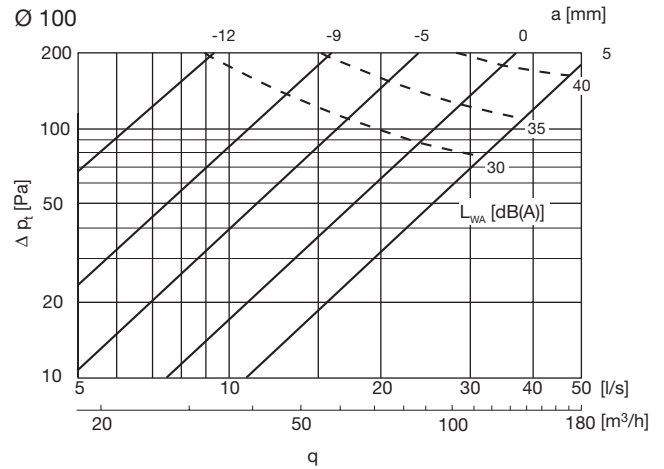
Sound attenuation, ΔL , [dB]

Ød nom	Valve mounted in	Setting a [mm]	Centre frequency [Hz]							
			63	125	250	500	1K	2K	4K	8K
100	Duct	–12	21	18	12	14	12	11	12	15
		–5	21	16	9	11	9	8	8	12
		5	21	16	8	10	8	7	5	11
125	Duct	–17	22	16	11	9	7	7	9	12
		–9	21	16	9	8	5	5	7	8
		5	20	15	9	6	4	3	4	7
160	Duct	–15	19	14	9	8	6	7	9	10
		–5	19	13	9	6	5	4	6	8
		5	18	13	8	5	4	3	6	6
200	Duct	–25	17	12	10	9	9	12	14	12
		0	16	10	7	6	6	6	10	7
		20	16	10	6	4	4	5	9	6

Tolerance	±6	±3	±2	±2	±2	±2	±2	±3
-----------	----	----	----	----	----	----	----	----

Measurement of air flow

Data is available in a separate brochure.



Valve

KU

