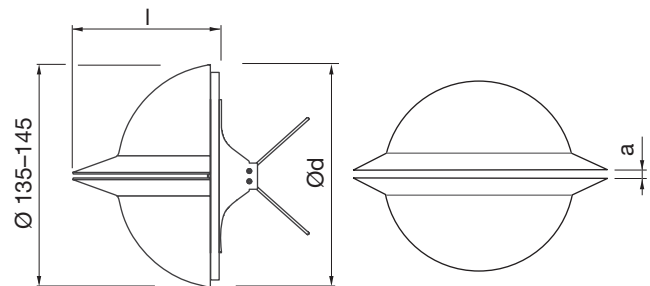


Diffuser supply air

VVTK



Dimensions



Description

Diffuser for supply air.
Designed for wall mounting.
Spring holders connect to socket VRFU, VRFM or VRR.

* For Ø125 the outer part of the brim of the socket is visible.
If this is not acceptable the cover plate VVTKR can be used
to hide the brim.

Materials and finish

Material

Coated galvanized sheet metal.

Colour

White RAL 9003, gloss 30.

Ød nom	l mm	m kg
100	90	0,31
125 *	90	0,31

Ordering example

	VVTK	100	9003
Product			
Dimension Ød ₁			
Color			

Diffuser supply air

VVTK

Technical data

Air flow, q [l/s] and [m³/h], total pressure drop, Δp_t [Pa], throw length, $l_{0,2}$ [m], and A-weighted sound power level, L_{WA} [dB], for different settings, a [mm], are shown in the graph.

Note! The A-weighted sound power level, L_{WA} , will increase by 3 dB when the valve is mounted in a bend.

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	Diffuser mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	-2	-7	-7	-4	-4	-7	-10	-14
125	Duct	-2	-7	-7	-4	-4	-7	-10	-14

Sound attenuation, ΔL , [dB]

Ød nom	Diffuser mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	24	20	18	12	10	10	10	10
125	Duct	24	20	18	12	10	10	10	10

Air jet diffusion pattern

Maximum vertical width, $b_v = 0,1 \times l_{0,2}$ m

Maximum horizontal width, $b_h = 0,6 \times l_{0,2}$ m

Measurement of air flow

Data is available in a separate brochure.

