

## ***Supply air valve Ventilex VLI***



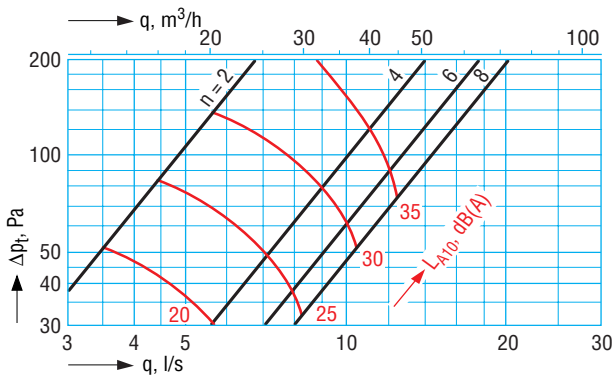
VLI-160, VLI-200

# Airflow, pressure drop, sound level

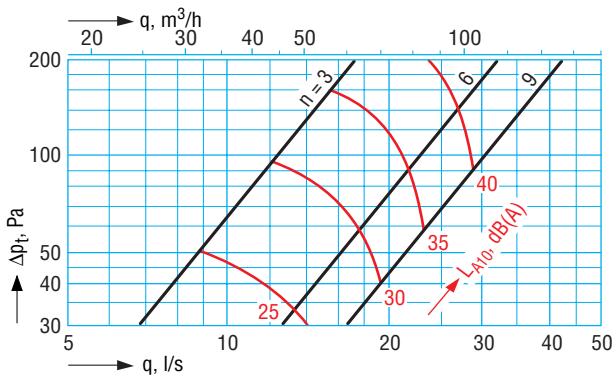
## Air flow, pressure drop, sound level

The tables are intended for air with the density of 1,2 kg/m<sup>3</sup>. Indicated soundlevels are applicable for 4dB room attenuation (10 m<sup>2</sup> room absorption area) in the reverberation field.

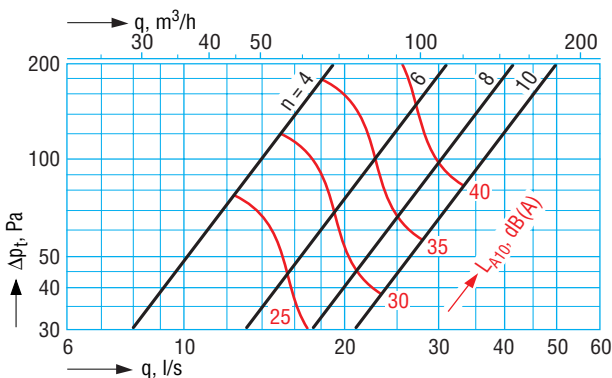
**VLI-080**



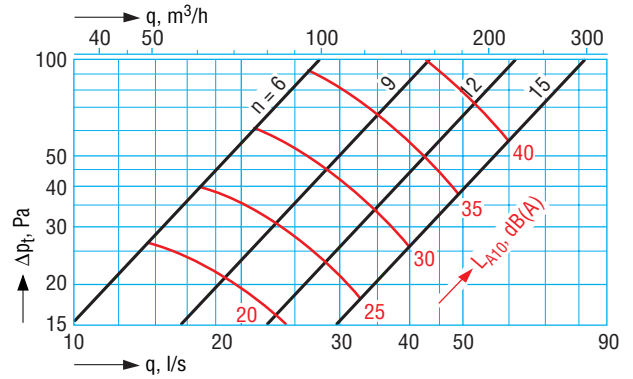
**VLI-100**



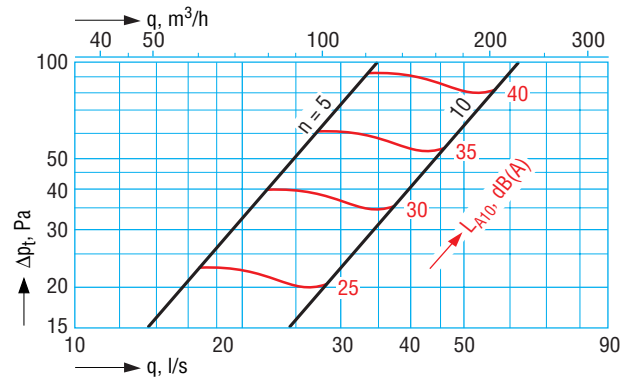
**VLI-125**



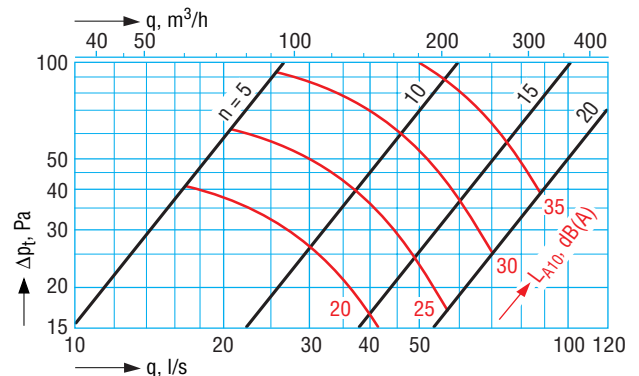
**VLI-160 inner slot closed**



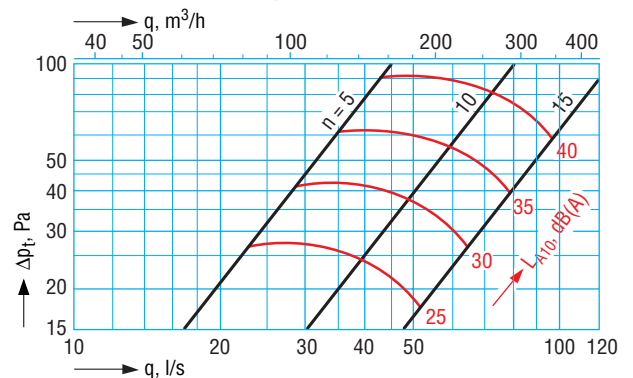
**VLI-160 inner slot open 5 rev. (6,25 mm)**



**VLI-200 inner slot closed**



**VLI-200 inner slot open 8 rev. (10 mm)**



# Description, dimensions, execution, product code

## Product Facts

Low sound level and good self damping  
 Can be wall-mounted or ceiling-mounted  
 Easy to install.

## Quick selection

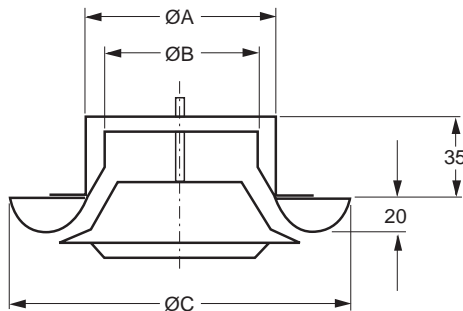
Size	Air flow l/s (m <sup>3</sup> /h) at sound level		
	25 dB(A)	30 dB(A)	35 dB(A)
VLI-080	8	11 (40)	13
VLI-100	16	19 (68)	23
VLI-125	20	24 (86)	28
VLI-160	32	38 (137)	46
VLI-200	57	70 (252)	85

## Product code example

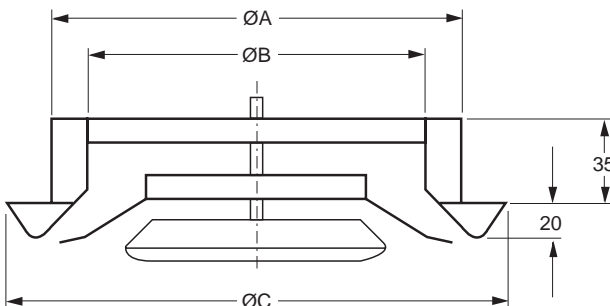
Supply air device VLI-125 with mounting frame.

## Dimensions and weights

### VLI-080 - 125



### VLI-160 - 200



Size	ØA	ØB	ØC	W1, kg	W2, kg
VLI-080	80	46	118	0,09	0,07
VLI-100	100	80	150	0,15	0,09
VLI-125	125	96	158	0,16	0,13
VLI-160	160	115	195	0,23	0,15
VLI-200	200	163	240	0,34	0,18

W1 = Weight valve      W2 = Weight mounting frame

## Execution

Supply air device VLI is a circular disc valve with an aerodynamic shaped throttling device. It can be wall-mounted or alternatively ceiling-mounted and has good qualities regarding soundlevel, air resistance (pressure drop), air flow and self damping.

The design of the valve together with a seal of mol-topen prevents the ceiling and walls to get dirty.

## Material and surface finish

VLI is made of impact-resistant white karbamid and pro-pen with a dirt-resistant surface. The material withstands temperatures up to 100° C and also most chemical substances in small concentrations. Standard color is White NCS S 0502-Y, gloss 70 equivalent to RAL-9010.

## Adjustment

The cone is adjusted out or in by the number of revolutions necessary to provide the orifice opening in mm corresponding to the pressure drop and the desired air flow according to the graph. The pressure drop is controlled by conducting a suitable test probe into the front.

## Care

The device can be cleaned with a cloth moistened with a mild synthetic cleaning or washing agent.

## VVS-AMA code

QMS.1 Supply air device for wall or ceiling-mounting.

## Specification text

Supply air device VLI of Fläkt Woods manufacture in size 125 for instance 125 with mounting frame.

## Product code

Supply air device VLI-aaa

Size \_\_\_\_\_  
 080, 100, 125, 160, 200

## Accessories

Mounting frame (without rubber seal) VLZ-01-aaa  
 Mounting frame (with rubber seal) VLZ-02-aaa

Size \_\_\_\_\_  
 080, 100, 125, 160, 200

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