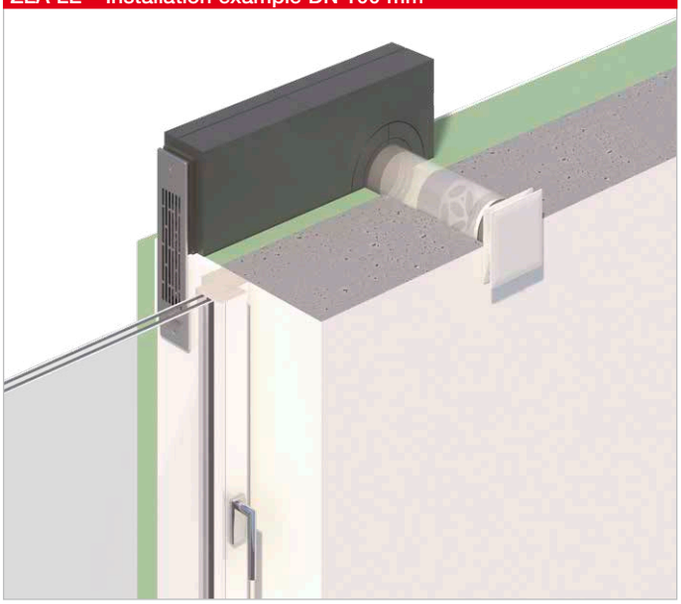
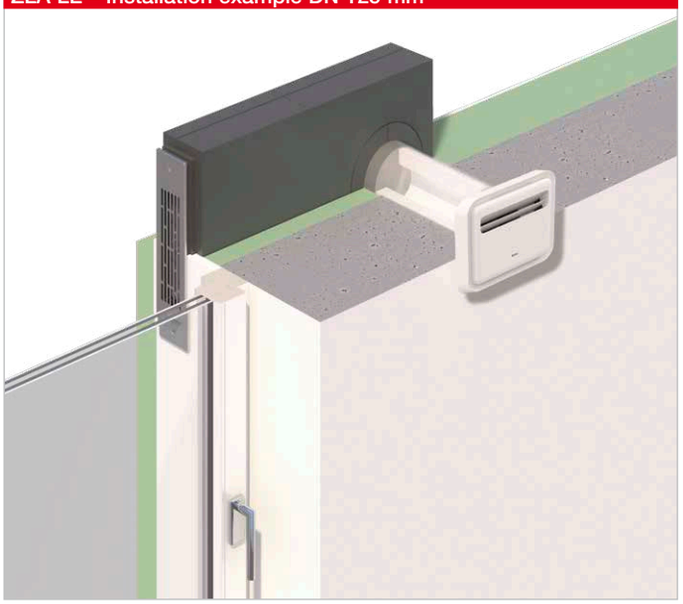
ZLA LE – Installation example DN 100 mm



ZLA LE – Installation example DN 125 mm



Invisible in the window soffit – ZLA LE.

The soffit element ZLA LE diverts the supply air inside the thermal insulation system by 90° in the window soffit. No components can be seen on the outer facade, apart from the grille in the window bar.

Advantages

ZLA LE can be used for pipe diameters 100 and 125 mm and it can be individually configured:

- Select the wall grille that meets your requirements and the desired inner panel in addition to the installation kit.
- Optional components, such as sound-insulating elements, insect screens and volume stabiliser are available for further adaptation to the field of application.

Description Install. example DN 100 mm

- Installation kit soffit ZRL 100 with design ventilation valve DLV 100 and optional sound-insulating volume element SVE 100.
- The flow rate can be manually adjusted using the design ventilation valve.

Description Install. example DN 125 mm

- Installation kit soffit ZRL 125 with inner panel ZLA 125 IB and optional sound-insulating element ZLA 125 SE.
- The inner panels regulate the flow rate or keep it constant depending on the humidity and design.

Technical data: Basic components

Set: ZLA LE basic systems		**ZRL 100 + KWL 45 LG + DLV 100**	**ZRL 125 + KWL 45 LG + DLV 125**	**ZRL 125 + KWL 45 LG + ZLA 125 IB 22**	**ZRL 125 + KWL 45 LG + ZLA 125 IB 30**	**ZRL 125 + KWL 45 LG + ZLA 125 IB HY 6-45**
Flow rate at 20 Pa	m^3/h	Adjustable 33–75	Adjustable 18-120	Constant volume 22	Constant volume 30	Humid.-control. 6–45
Standard sound level difference $D_{n,e,w}$	dB	41	40	49	48	47
Max. standard sound level diff. with optional sound-insulat. elements		54	63	65	64	63
Pipe DN	Ø in mm	100	125	125	125	125
Core drilling	Ø in mm	≥ 115	≥ 130	≥ 130	≥ 130	≥ 130

Technical data: Optional accessories

Add. components (optional)		**VKH 100/15-50**	**KWL 45 SEL**	**SVE 100**	**SVE 125**	**ZLA 125 SE**
Standard sound level difference $D_{n,e,w}$	dB	–	The exact values for each configuration can be found at heliosselect.de in the "Declaration of performance" document for reference numbers 07459 and 07462.			
Pipe DN	Ø in mm	100	–	100	125	125
Length	mm	70	94	50	50	200

Installation kit Soffit

ZRL 100 Ref. no. 07459
ZRL 125 Ref. no. 07462

Consisting of telescopic tube 260–500 mm (DN 100 / DN 125) and EPP soffit channel (fire protection class B1, Dim. in mm: W 600 x H 360 x D 100). Incl. 2 plaster covers for inside and outside, for protection against contamination in the shell construction phase. Flexible installation left or right of window possible.

Sound-insulating elem. Soffit

KWL 45 SEL Ref. no. 04170

Sound-insulating element for reducing the through sound. For installation in the soffit channel. Up to 3 sound-insulating elements can be used one complete soffit channel.

Flow rate stabiliser

VKH 100/15-50 Ref. no. 00002

Automatic flow rate stabiliser VKH (DN 100) for insertion in the telescopic tube. The flow rate can be set between 15 – 50 m^3/h by simply moving the adjustment unit.

Sound insulation element

ZLA 125 SE Ref. no. 04397

Sound insulation element 200 mm made from melamine resin foam for installation in the telescopic tube. With the appropriate wall thickness, up to 2 sound insulation elements can be used.

Sound-insulating element

SVE 100 Ref. no. 08310
SVE 125 Ref. no. 08311

For simple and cost-effective volume control, pressure control and sound insulation in ventilation systems through insertion in the ducting. Up to 9 sound-insulating volume elements can be used with the corresponding wall thickness.

Design ventilation valve

DLV 100 Ref. no. 03039
DLV 125 Ref. no. 03049
DLV 125 black Ref. no. 40786

Design ventilation valve for supply air operation, DN 100 / DN 125, adjustable. With closed front and integrated ISO Coarse 30% filter.

ZRL 100 / ZRL 125



KWL 45 LG



Wall grille Soffit element

KWL 45 LG Ref. no. 04167

Stainless steel wall grille with integrated condensate drainage. Includes bonded seal.

KWL 45 LG-B Ref. no. 04168

Wall grille with additional coating for use in environments with heavy air contamination or high salt concentration in the air (coastal areas).

KWL 45 LG-W Ref. no. 04169

Wall grille with additional white coating.

KWL 45 SEL



KWL 45 ISL



Insect screen

KWL 45 ISL Ref. no. 03004

Stainless steel insect screen for soffit element. Also suitable for retrofitting.

VKH 100/15-50



only for DN 100

ZLA 125 IB 22/30



only for DN 125

Inner panel 22/30 m^3/h

ZLA 125 IB 22 Ref. no. 04393
ZLA 125 IB 30 Ref. no. 04394

Inner panel constant volume 22 m^3/h or 30 m^3/h (at 20 Pa differential pressure). Made of white plastic, ISO Coarse 30% filter.

ZLA 125 SE



only for DN 125

ZLA 125 IB HY 6-45



only for DN 125

Inner panel humidity-controlled

ZLA 125 IB HY 6 – 45 No. 04395

Inner panel humidity-controlled between 6 - 45 m^3/h (at 20 Pa differential pressure). Made of white plastic, ISO Coarse 30% filter.

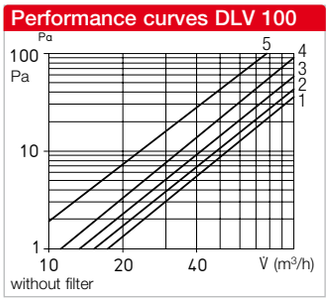
SVE 100 / SVE 125



DLV 100 / DLV 125

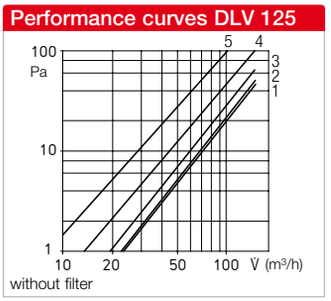


Performance curves DLV 100



without filter

Performance curves DLV 125



without filter