

Low sound enclosure

EKLN140A

The smart solution for sound reduction



- 10 dB(A)!





Designed
to be discreet



Low-noise performance in a premium design

Designed for sound-sensitive and visually exposed areas, this enclosure keeps noise levels low without compromising on appearance. Its sleek, compact design blends seamlessly into any setting — from residential gardens to commercial terraces.

Visual and design features:

- Low-profile design blends discreetly into outdoor environments
- Smooth, high-quality finish for a clean, professional appearance
- Modern anthracite colour (RAL 7016) suits contemporary architecture
- Tailor-made to fit Daikin outdoor units precisely, keeping dimensions compact
- Ideal for visually sensitive locations such as residential areas, hotels, and office buildings

Proven acoustic performance

Sound enclosure lab results validated in real-life environments.
Click or scan the code to access all information



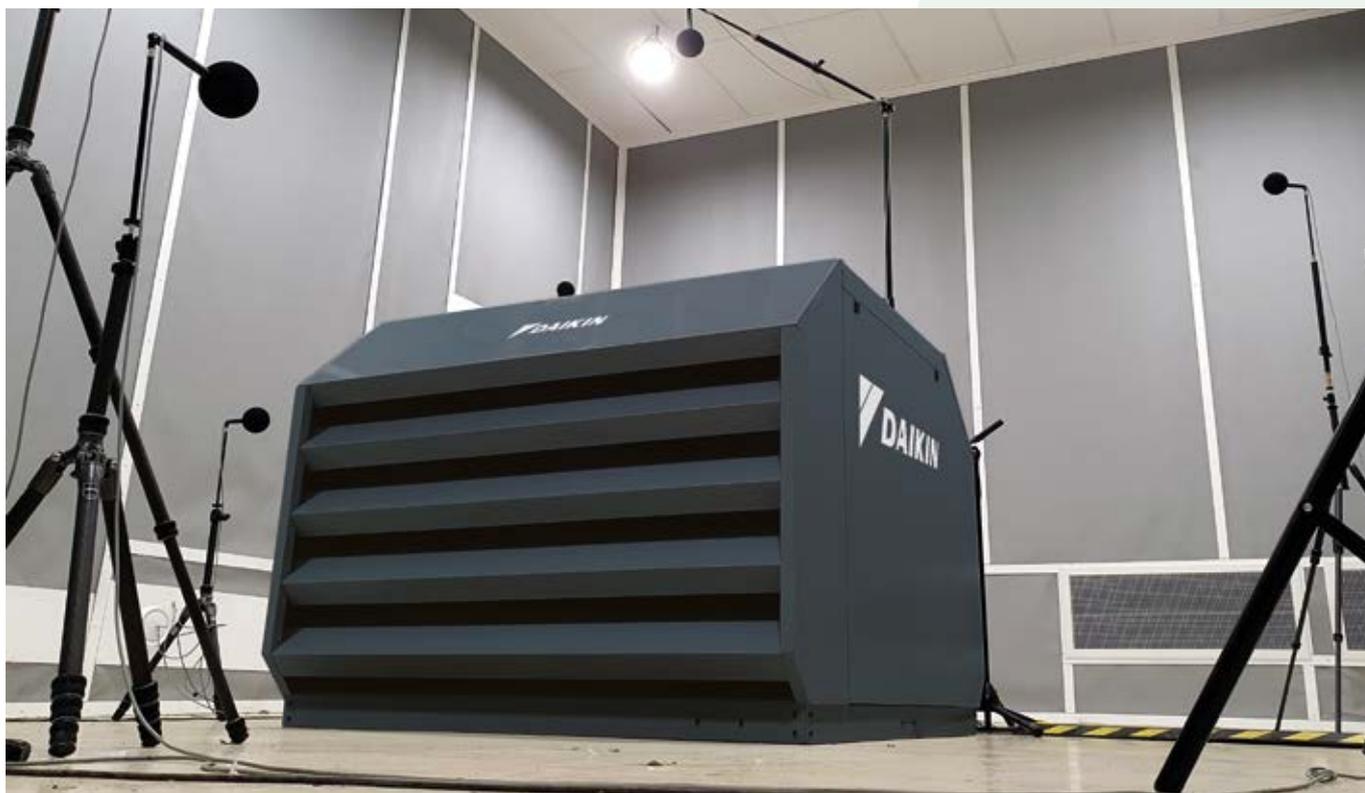
Great news for sound sensitive surroundings

Meet strict sound requirements, while increasing flexibility to apply Sky Air and VRV systems thanks to **sound power reduction of up to 10 dB(A)**



- 10 dB(A)!

- Specially designed for Sky Air and VRV heat pumps
- Factory tested and guaranteed data for capacity, efficiency and sound (according to ISO 3744)
- Minimal capacity reduction
- No additional calculations needed thanks to factory tested data, reducing design workload



Sound power level measurement in acoustic chamber

Tried and tested: values that you can rely on

Our low sound enclosure is engineered to deliver exactly what you expect — proven noise reduction and full system performance, with no surprises. Every unit is factory-tested with Daikin outdoor systems, so you can install with confidence and save time on site.

- ✓ **No compatibility issues** – fully tested and approved combinations with Daikin Alpha & Large Sky Air and VRV5-S series outdoor units
- ✓ **No acoustic surprises** – sound reduction of up to 10 dB(A), measured and certified to ISO 3744 standards
- ✓ **No performance loss** – guaranteed capacity and efficiency figures, already validated
- ✓ **No extra calculations** – all acoustic and thermal performance is pre-verified in lab conditions

A solution built around your needs

Minimal capacity reduction – tried and tested

The EKLN140A low sound enclosure is carefully engineered to reduce noise while preserving the full capacity of your system. With smart airflow design and a precise fit, it works seamlessly with Daikin outdoor units — no performance drop, just quiet, efficient operation that blends into any environment.

Durable

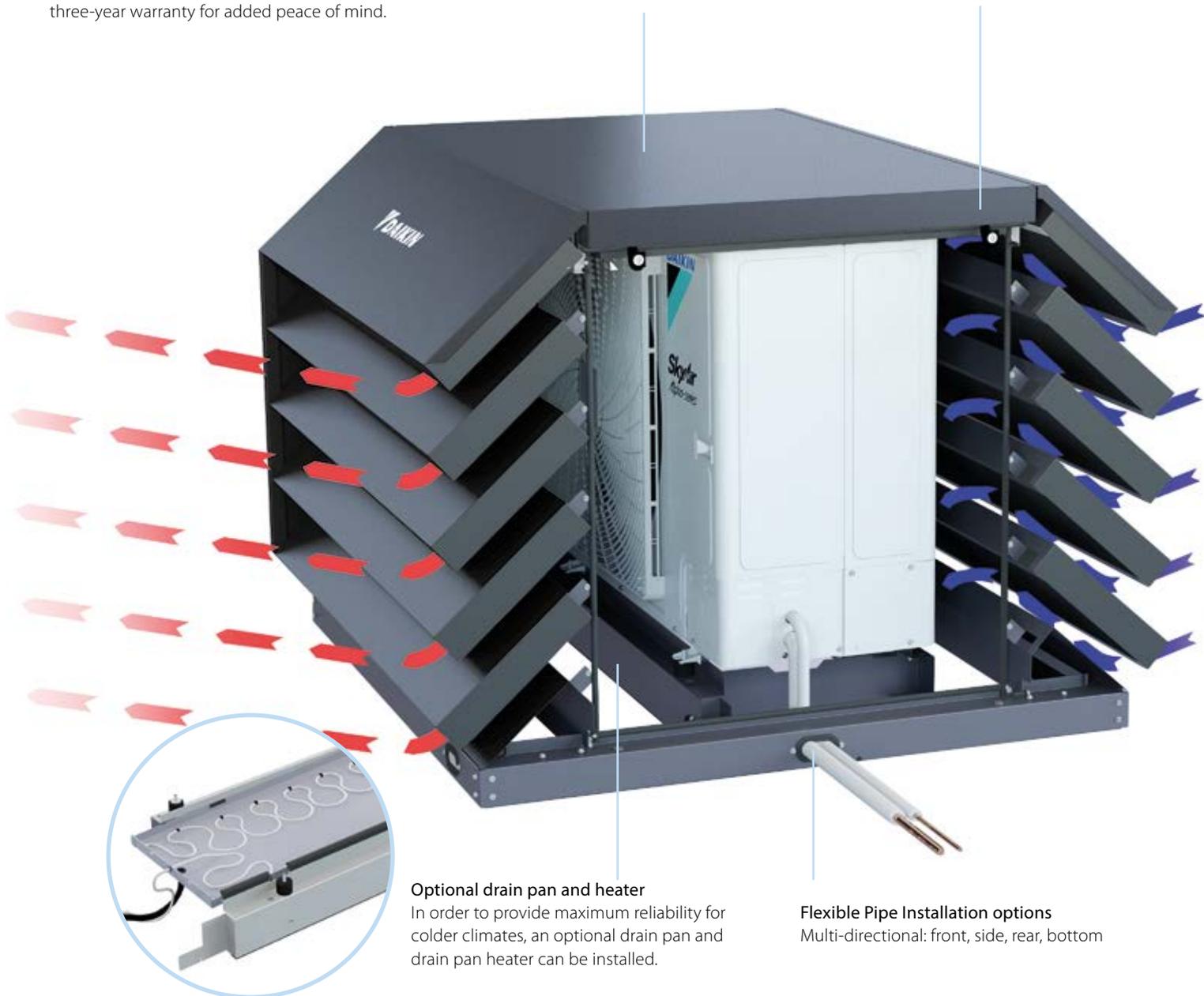
This enclosure is made to withstand the elements and everyday wear — so you can rely on it long after installation. With premium materials and a tough finish, it's backed by a three-year warranty for added peace of mind.

Double layer of powder coated finishing

First layer: epoxy-primer 60 µm
Second layer: polyester 80 µm
to maximise corrosion resistance

High-quality sound insulating material

- 70–160 mm thick
- 20 kg/m³



Optional drain pan and heater

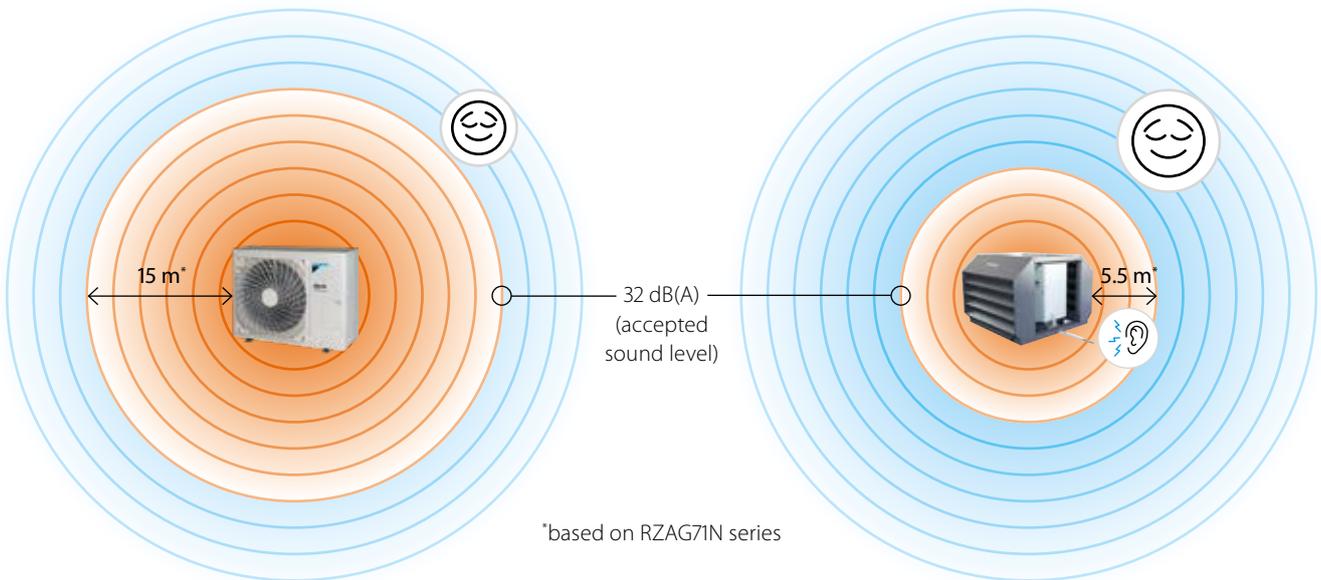
In order to provide maximum reliability for colder climates, an optional drain pan and drain pan heater can be installed.

Flexible Pipe Installation options

Multi-directional: front, side, rear, bottom

Without Daikin sound enclosure **you need to maintain a 15 m distance** from your closest neighbour

By comparison, you could install a Daikin condenser with a sound enclosure only 5.5m away



This enclosure is designed to save time on site — whether it's a new installation or a retrofit. The self-supporting structure sits securely on any flat surface, and quick-lock side panels provide fast, tool-free access to the outdoor unit. Combined with Daikin's generous access zones, all key components are easy to reach for straightforward servicing and maintenance.

Tested for effortless installation Delivering double the value with Daikin

Click or scan
the code to access
all technical
information



Validated data

The sound enclosure is extensively tested with all suitable outdoor units.

We offer measured data for:

- Sound power (heating/cooling) according to ISO 3744
- Sound pressure (heating/cooling) at 1 m distance
- Sound pressure for low noise operation
- Sound enclosure insertion loss
- All data delivered in octave band spectra and A-weighted sound level



Sound power reduction values

Range	Outdoor unit name	Cooling sound power		Heating sound power	
		Sound reduction	Nominal sound with sound enclosure	Sound reduction	Nominal sound with sound enclosure
Sky Air Alpha-series	RZAG71NV1/NY1	-9 dB(A)	55	-7 dB(A)	57
	RZAG100NV1/NY1	-8 dB(A)	58	-8 dB(A)	60
	RZAG125NV1/NY1	-10 dB(A)	59	-10 dB(A)	59
	RZAG140NV1/NY1	-9 dB(A)	61	-9 dB(A)	62
Sky Air Advance-series	RZA200D	-7 dB(A)	66	-5 dB(A)	72
	RZA250D	-6 dB(A)	70	-5 dB(A)	75
VRV 5 S-series	RXYSA4AV1/AY1	-7 dB(A)	60	-7 dB(A)	61
	RXYSA5AV1/AY1	-8 dB(A)	60	-9 dB(A)	60
	RXYSA6AV1/AY1	-8 dB(A)	61	-9 dB(A)	61

Efficiency and capacity impact

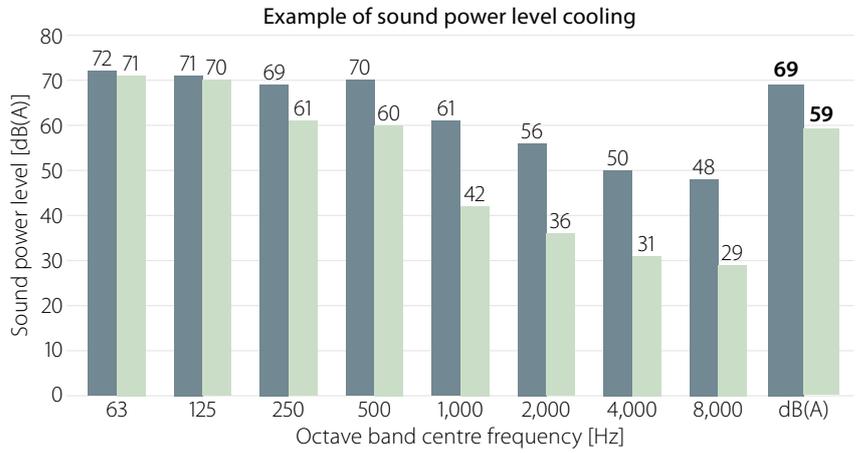
Range & outdoor unit name	Outdoor unit only		With sound enclosure		Outdoor unit only		With sound enclosure		Outdoor unit only		With sound enclosure		Correction factor maximum capacity	
	SEER/η s,c	SCOP/η s,h	SEER/η s,c	SCOP/η s,h	SEER/η s,c	SCOP/η s,h	SEER/η s,c	SCOP/η s,h	SEER/η s,c	SCOP/η s,h	SEER/η s,c	SCOP/η s,h	Cooling	Heating
Sky Air Alpha-series	+ FCAHG71/100/125/140A				+ FCAG71/100/125/140B				+ FBA71/100/125/140A					
RZAG71NV1/NY1	7.90/-	4.56/-	6.72/-	4.10/-	6.83/-	4.22/-	5.81/-	3.80/-	6.50/-	4.20/-	5.53/-	3.78/-	85 %	90 %
RZAG100NV1/NY1	7.70/-	4.75/-	6.62/-	4.44/-	7.14/-	4.53/-	6.07/-	4.14/-	6.47/-	4.36/-	5.50/-	4.01/-	86 %	
RZAG125NV1/NY1	8.02/318	4.53/178	6.96/275	4.26/167	7.14/283	4.34/171	6.26/247	4.15/163	6.56/259	4.37/172	5.92/234	4.12/162	90 %	
RZAG140NV1/NY1	7.93/314	4.44/175	6.84/271	4.21/165	6.80/269	4.34/171	5.83/230	4.17/164	6.42/254	4.34/171	5.62/222	4.14/162		
Sky Air Advance-series	+ FDA200/250A				+ 4 x FCA50/60B				+ 4 x FBA50/60A					
RZA200D	6.26/247	3.59/141	5.90/233	3.17/124	7.16/283	4.10/161	6.52/258	3.56/140	6.51/257	4.20/165	5.90/233	3.65/143	84 %	80 %
RZA250D	5.38/212	3.55/139	4.91/193	3.14/123	6.95/275	4.10/161	6.18/244	3.56/139	6.69/264	4.33/170	5.95/235	3.78/148		
VRV 5 S-series	+ FXSA**													
RXYSA4AV1	8.2/324	5.1/200	7.2/284	4.9/193									95 %	
RXYSA4AY1	7.9/312	4.9/193	6.9/273	4.7/186										
RXYSA5AV1	7.7/306	4.7/186	6.7/264	4.5/178										
RXYSA5AY1	7.4/295	4.5/179	6.4/254	4.4/172										
RXYSA6AV1	7.6/301	4.7/184	6.5/257	4.5/176										
RXYSA6AY1	7.3/290	4.5/177	6.3/248	4.3/170										

**4 HP: + 3 x FXSA25A + 1 x FXSA32A 5 HP: + 4 x FXSA32A 6 HP: + 2 x FXSA32A + 2 x FXSA40A

Sound power levels – cooling and heating, according to ISO 3744

- dB(A) = A-weighted sound power level (A scale according to IEC)
- Reference acoustic intensity: 0 dB = $\cdot 10^{-12}$ W

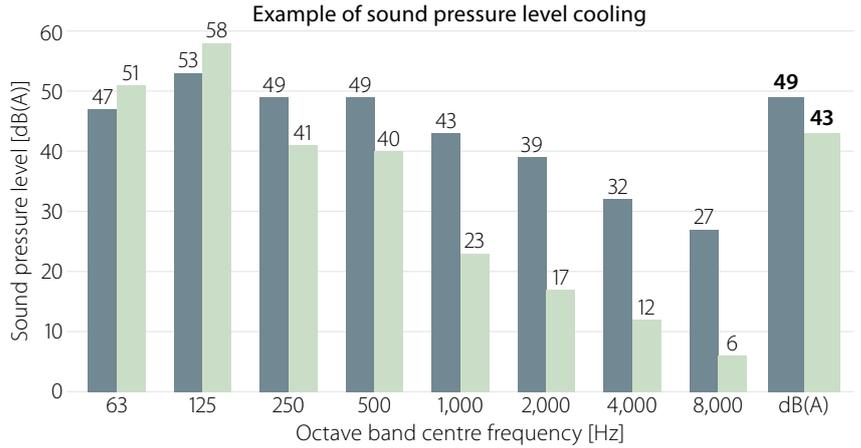
■ RZAG125N
■ RZAG125N + EKLN140A



Sound pressure levels – cooling and heating

- Data is valid at free field condition
- Data is valid at nominal operation conditions
- dB(A) = A-weighted sound pressure level (A scale according to IEC)
- Reference acoustic pressure 0 dB = 20 μ Pa
- Microphone location at the discharge side; 1 m from the object; 1.5 m above the ground

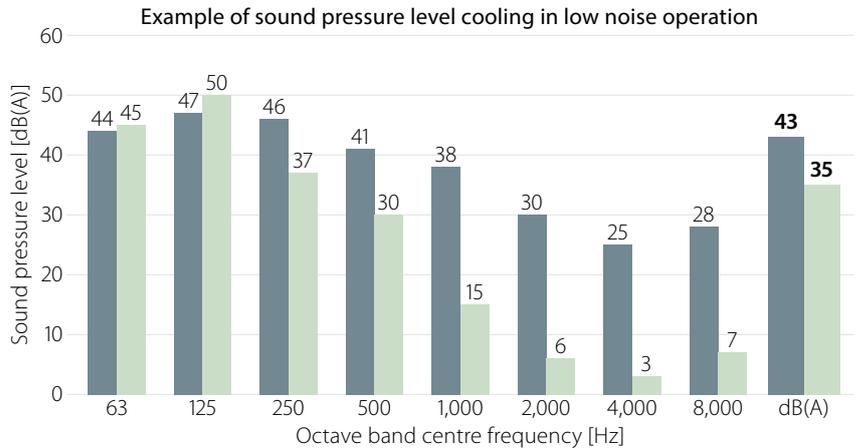
■ RZAG125N
■ RZAG125N + EKLN140A



Sound pressure levels – low noise operation (level 3)

- Data is valid at free field condition
- Data is valid at nominal operation conditions
- dB(A) = A-weighted sound pressure level (A scale according to IEC)
- Reference acoustic pressure 0 dB = 20 μ Pa
- Microphone location at the discharge side; 1 m from the object; 1.5 m above the ground

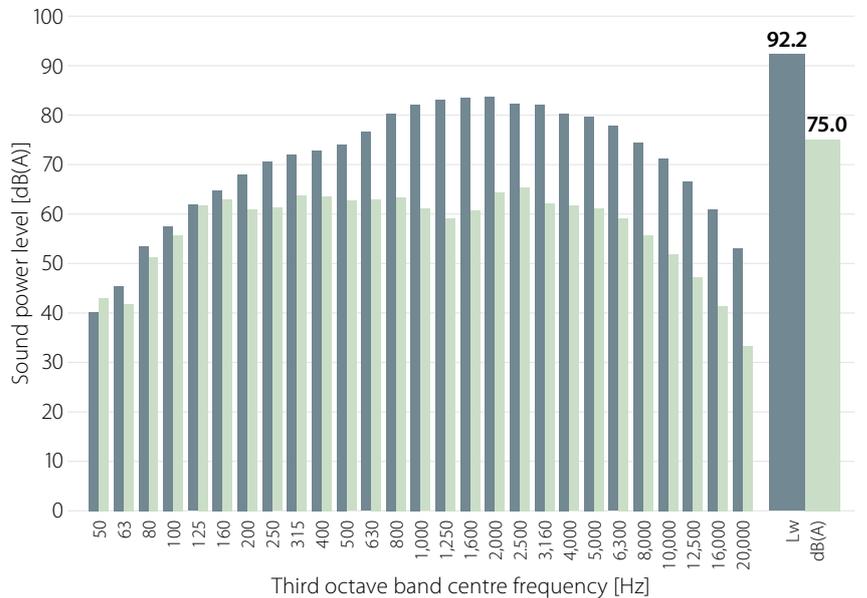
■ RZAG125N
■ RZAG125N + EKLN140A



Insertion loss values

- Insertion loss measurement of standalone enclosure with calibrated sound source

■ Sound power level [dB(A)]
■ Reference sound source (RSS): B&K Type 4204 RSS





Sound enclosure				EKLN140A
Casing	Colour			Anthracite (RAL 7016)
	Material			Sheet metal
Dimensions	Unit	Height	mm	1,100
		Width	mm	1,400
		Depth	mm	1,500
	Packed unit	Height	mm	1,017
		Width	mm	1,517
		Depth	mm	917
Weight	Unit			kg
	Packed unit			kg
Combines with	Sky Air Alpha-series			RZAG-NV1/NY1
	Sky Air Advance-series			RZA-D
	VRV 5 S-series			RXYS-A-VI/AY1

Dedicated Daikin option for:

- Sky Air Alpha-series
- Sky Air Advance-series
- VRV 5 S-series

Fully optimised and tested in Daikin factory

- Guaranteed performance levels (sound, capacity, efficiency)

Outdoor unit sound reduction of up to -10 dB(A) on sound power levels

- Assistance towards meeting local sound requirements
- Increased flexibility to apply outdoor units
- Reduces sound on the entire sound spectrum

Minimal capacity reduction

- Separated air intake and discharge to prevent air flow short circuit
- No additional calculations needed thanks to factory tested data

Easy to integrate

- Anthracite (RAL 7016), highly aesthetic finishing
- Mechanically designed to perfectly suit the Sky Air Alpha/Advance and VRV 5 S-series casings
- Self-supporting; can be installed on any flat surface

Fast & easy installation & servicing

- 100 % weather resistant
- Easy opening to access most system components

Durable

- 3 years warranty on all components
- Made of stainless steel with robust double layer powder coating, ensuring maximum corrosion resistance

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