

# LINO and LINO-W



Easily adjustable LINO and LINO-W  
are elegant supply air diffusers  
with extremely good air and  
sound properties.

# LINO and LINO-W

LINO's quiet, clean design blends into any interior style. You can either hide it among other interior elements or make it a highlight to balance other design elements in the room.

LINO is a convex, deep drawn and easily cleaned supply air diffuser with an extremely low construction height. The broad throw pattern and high mixing ratio prevent the feeling of draught.

Fire safety is an important property in ventilation terminal devices. All Climecon products are made of sheet steel, making them as safe in a fire as possible. Thanks to the sheet steel structure, LINO does not burn, which improves fire safety and increases evacuation time by limiting the uncontrolled spreading of combustion gases from one room to another.

LINO-W is particularly designed for smaller residential and other rooms with its extra broad and short throw pattern.

LINO-D's design makes it compatible with plastic and other flexible ducts.

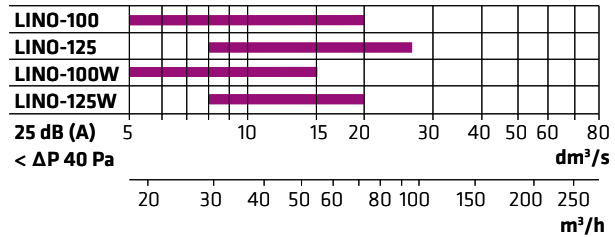


# LINO and LINO-W

Besides its looks, silent operation and no draught are the most distinguishable characteristics of the **LINO** line. LINO features reliable measurement combined with quick and precise adjustment. Make sure the installation is performed according to instructions.



## Quick Guide



## Colours

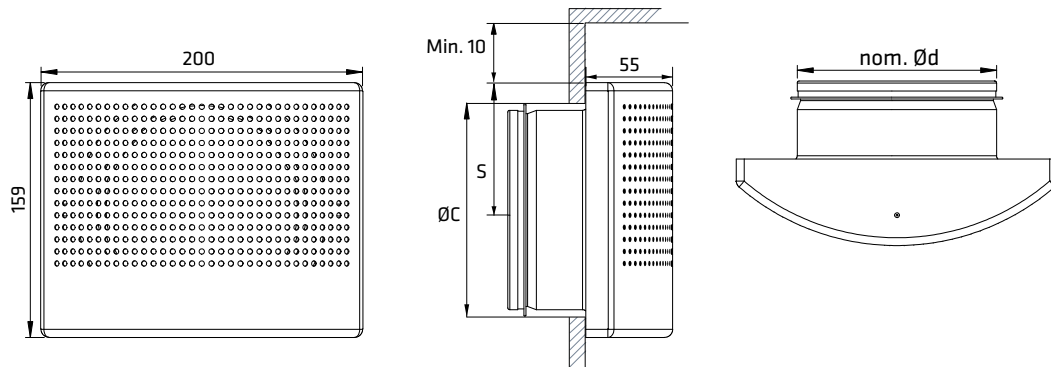
Standard colour:



Also available in these colours:

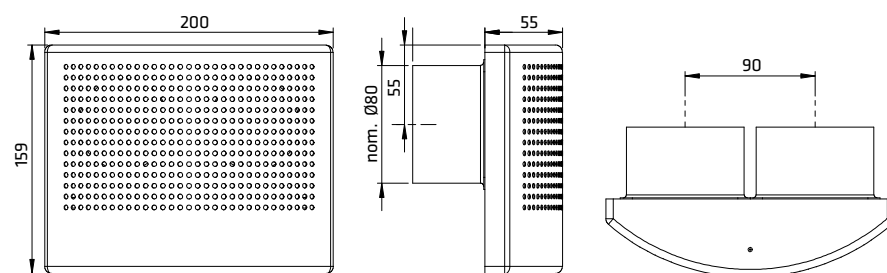


## Dimensions LINO and LINO-W



	nom. Ød	ØC	S	kg
LINO-100	100	115	64	0,8
LINO-125	125	140	79	0,8
LINO-100W	100	115	64	0,8
LINO-125W	125	140	79	0,8

## Dimensions LINO-D

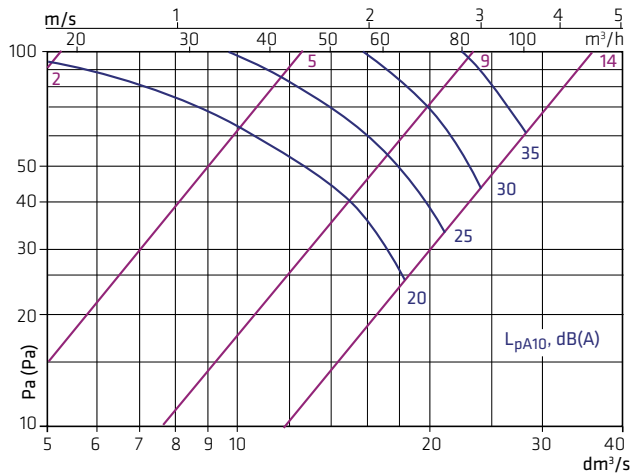


LINO-D is designed for use with flexible plastic ducts. Connections 2x Ø75. Other dimensions unchanged.

## Dimensioning

The graphs are not intended for adjustment.

### LINO-100



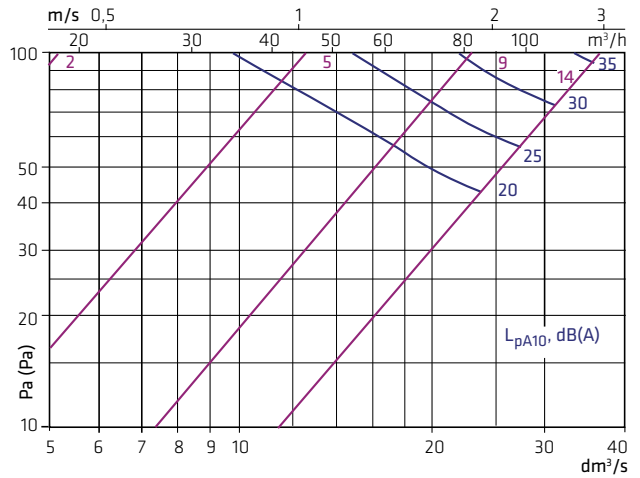
$$L_{w\text{okt}} = L_{pA10} + K$$

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	-8	-5	-3	-1	-1	-3	-9	-12

#### ΔL (dB)

f, Hz	63	125	250	500	1k	2k	4k	8k
Dt, dB	22	16	10	5	-1	3	2	3

### LINO-125



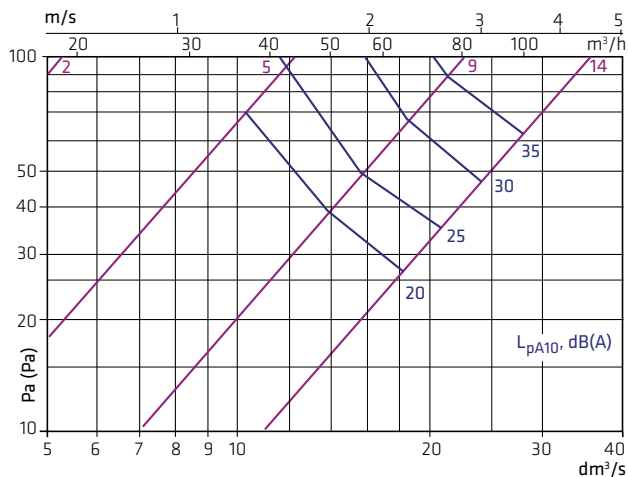
$$L_{w\text{okt}} = L_{pA10} + K$$

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	-11	-4	-4	-2	-3	-1	-7	-9

#### ΔL (dB)

f, Hz	63	125	250	500	1k	2k	4k	8k
Dt, dB	20	15	8	3	0	3	2	3

### LINO-100W



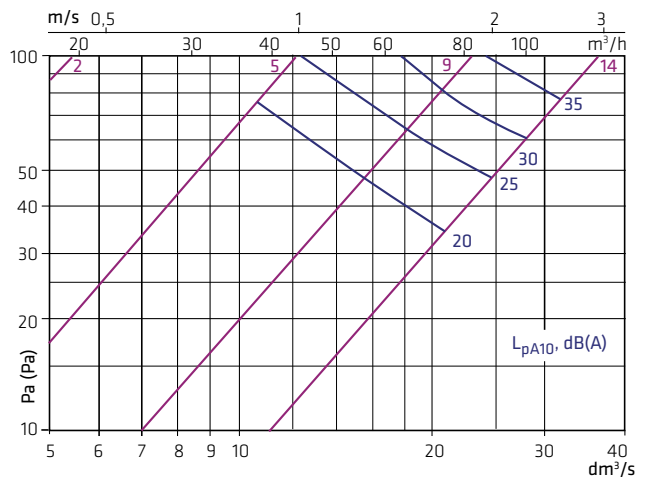
$$L_{w\text{okt}} = L_{pA10} + K$$

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	-11	-11	-8	-1	-2	-2	-8	-11

#### ΔL (dB)

f, Hz	63	125	250	500	1k	2k	4k	8k
Dt, dB	21	15	9	3	1	2	2	3

### LINO-125W



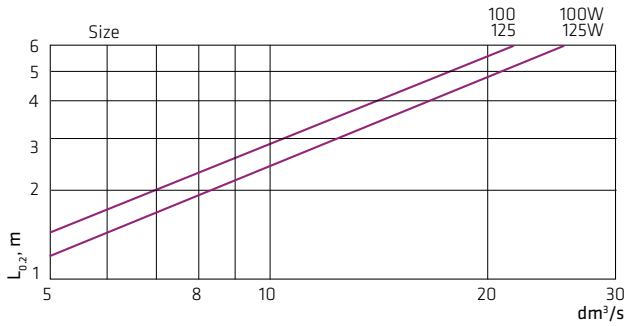
$$L_{w\text{okt}} = L_{pA10} + K$$

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	-15	-10	-7	-3	-3	-1	-7	-7

#### ΔL (dB)

f, Hz	63	125	250	500	1k	2k	4k	8k
Dt, dB	20	14	8	3	1	3	2	4

## Throw length



## Airborne sound insulation

Sound attenuation for air ducts between rooms  $D_{n,e,w}$  dB

Supply air

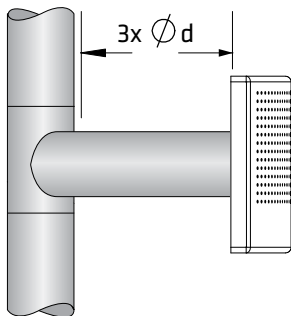
Size	LINO	LINO+VAL	LINO+VAM
100	41	59	63
125	41	61	60
100W	41	59	63
125W	41	61	60

VAL is a dampening box with angular air flow.  
VAM is a dampening box with straight-through air flow.

## Sound attenuation

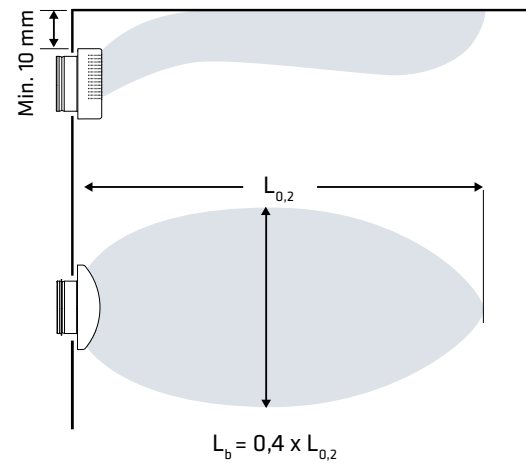
Sound level will increase if cover distance is below  $3 \times \varnothing d$ :

- after bend +4 dB (A)
- after T joint +8 dB (A)



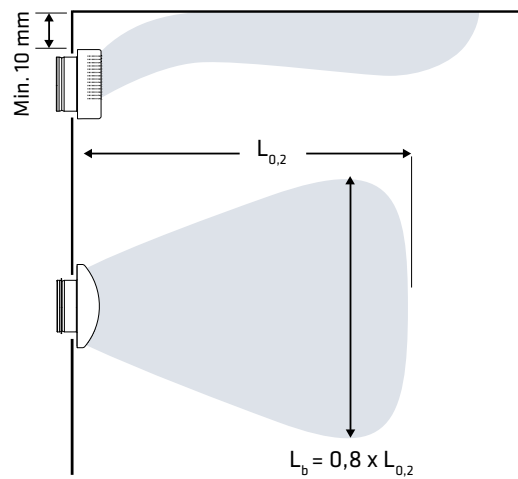
## Throw pattern LINO

Diffuser part fully open.  
Upper edge 10 mm from the ceiling.



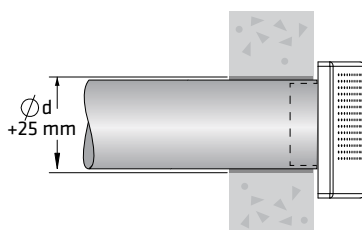
## Throw pattern LINO-W

Diffuser part fully open.  
Upper edge 10 mm from the ceiling.

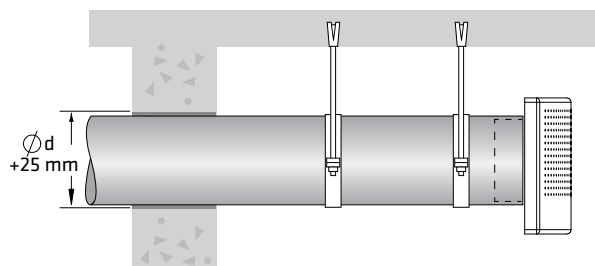


## Installation examples

### 1. Wall mounting



### 2. Duct mounting



Installation details in separate mounting instructions delivered with the product, or at [www.climecon.fi](http://www.climecon.fi)