

SET exhaust air vent



SET exhaust air vent

SET exhaust air vent has excellent adjustment properties and low sound level, and its airflow is easily measurable and adjustable. SET vent is also available in acid-proof or stainless steel.

Air flow range

5-300 dm³/s, 18-1080 m³/h

Duct sizes

Ø 100-400 mm

Installation

For ceiling and wall installation

Color options

RAL 9016 white (matte), RAL 9005 black (matte)

SET exhaust air vent

Description

The SET exhaust air vent can be connected to ducts \varnothing 100-400mm. The airflow is easily measurable. Volume flow is adjusted by plugging injectors.

SET has very good adjustment properties and a low sound level. By special order, SET can be manufactured from acid-proof or stainless steel.

Properties:

- Easily measurable and adjustable airflow
- Low sound level
- Available in acid-proof or stainless steel

SET exhaust air vent

Product code

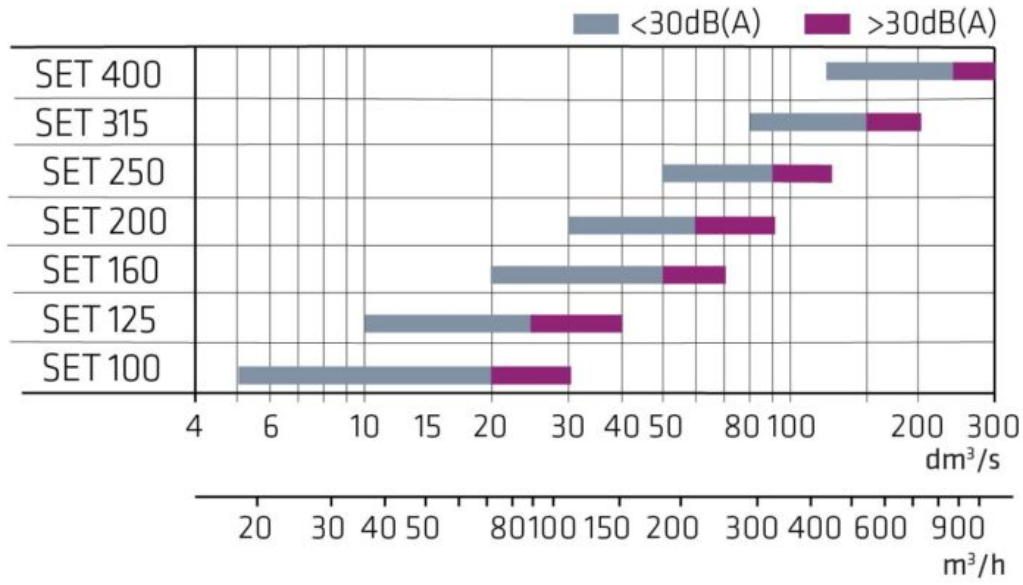
Exhaust air vent – SET – 100
 1 2

1 = Exhaust air vent model SET

2 = Size, 100-400

SET exhaust air vent

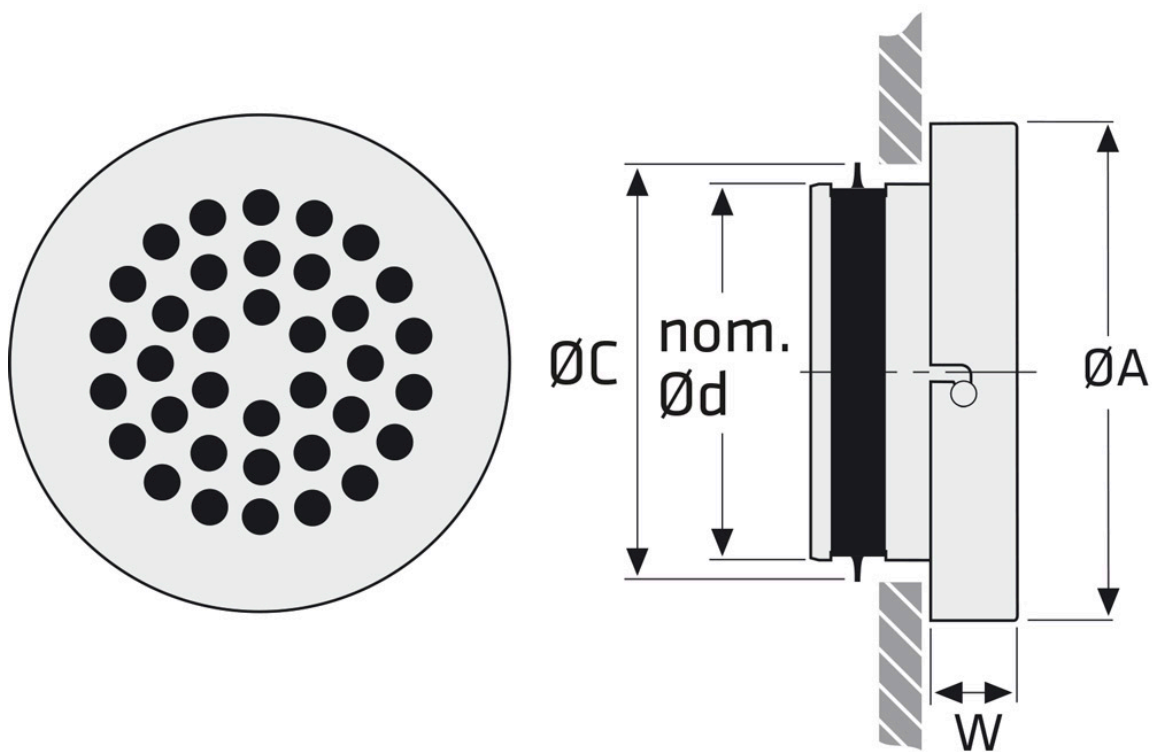
Quick guide



SET exhaust air vent

Dimensions

SET dimensions



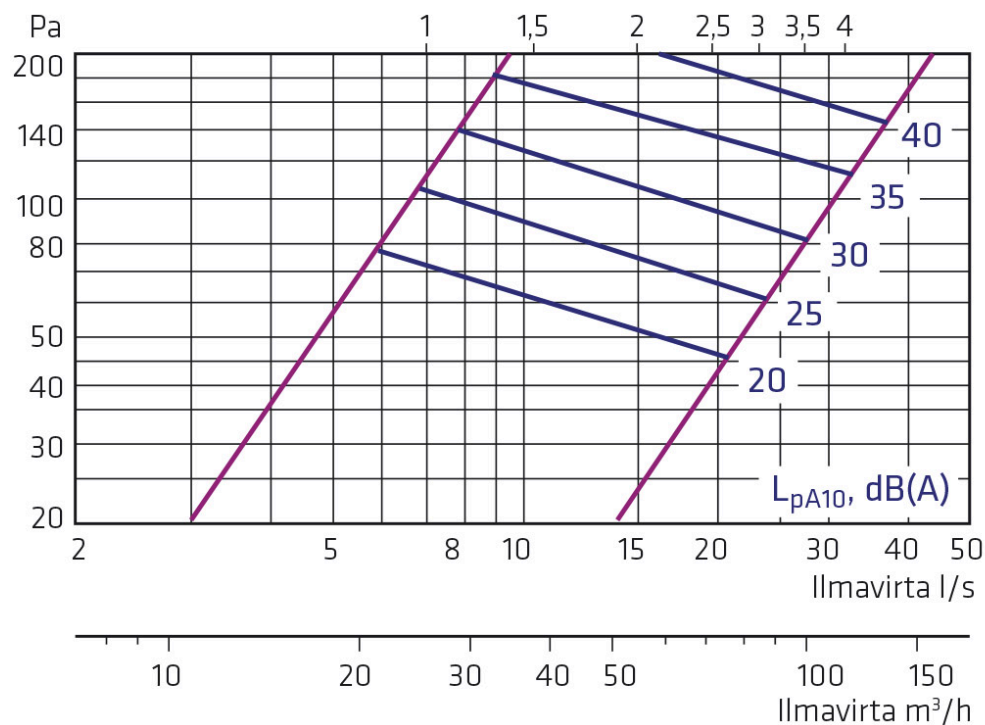
	nom. $\varnothing d$	$\varnothing A$	W	$\varnothing C$	kg
SET-100	100	130	25	110	0,3
SET-125	125	165	25	135	0,4
SET-160	160	205	25	175	0,6
SET-200	200	255	25	215	0,8
SET-250	250	320	40	270	1,3
SET-315	315	405	40	335	1,7
SET-400	400	520	40	420	2,8

SET exhaust air vent

Dimensioning

The diagrams are not intended for making adjustments.

SET-100



$$L_{w_{okt}} = L_{pA10} + K$$

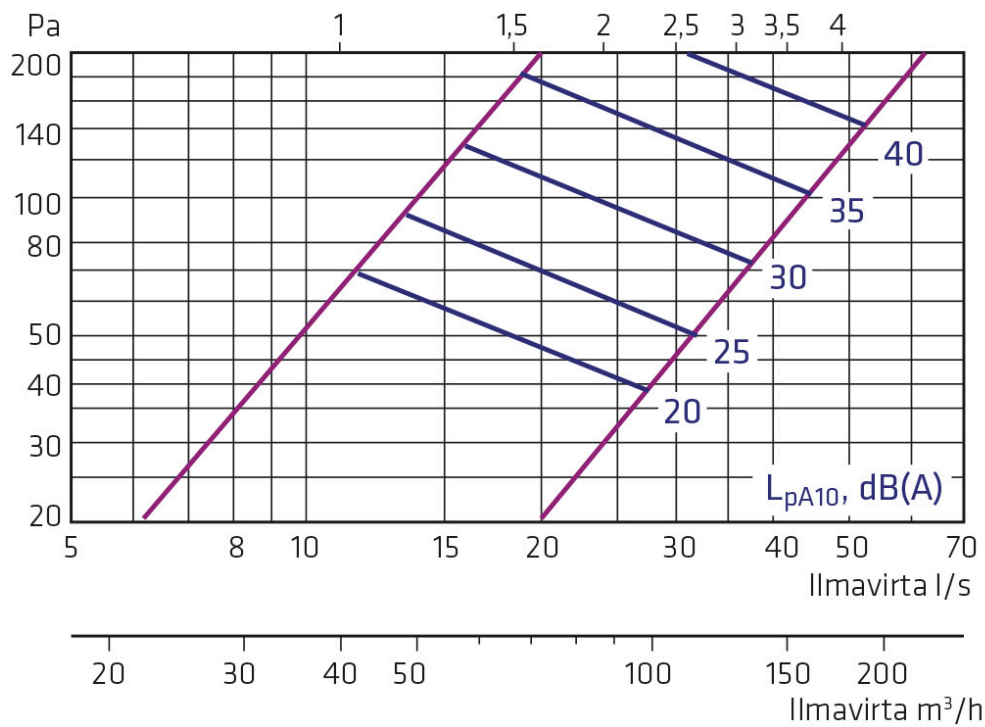
f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
K_{okt} , dB	1	4	5	4	-3	-6	-12	-22

ΔL , dB

Dt, dB	22	17	11	5	3	3	8	5
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SET-125

SET exhaust air vent



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

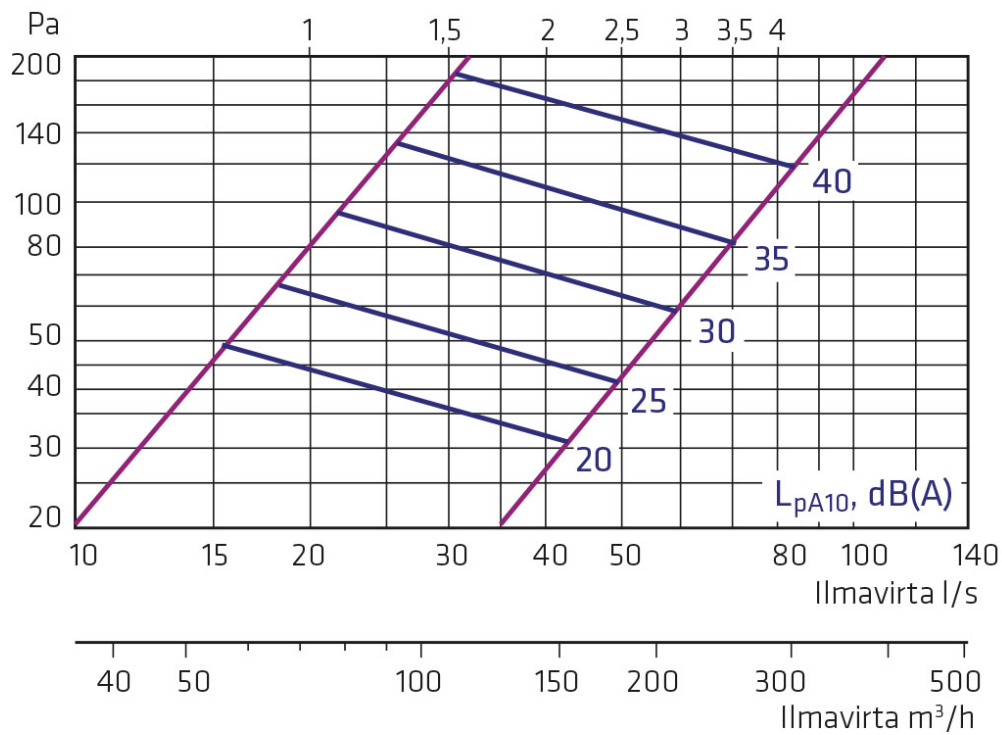
f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
K _{okt} , dB	-8	-4	0	1	-1	-2	-10	-21

ΔL , dB

Dt, dB	20	15	9	3	1	1	5	3
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SET-160

SET exhaust air vent



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

f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
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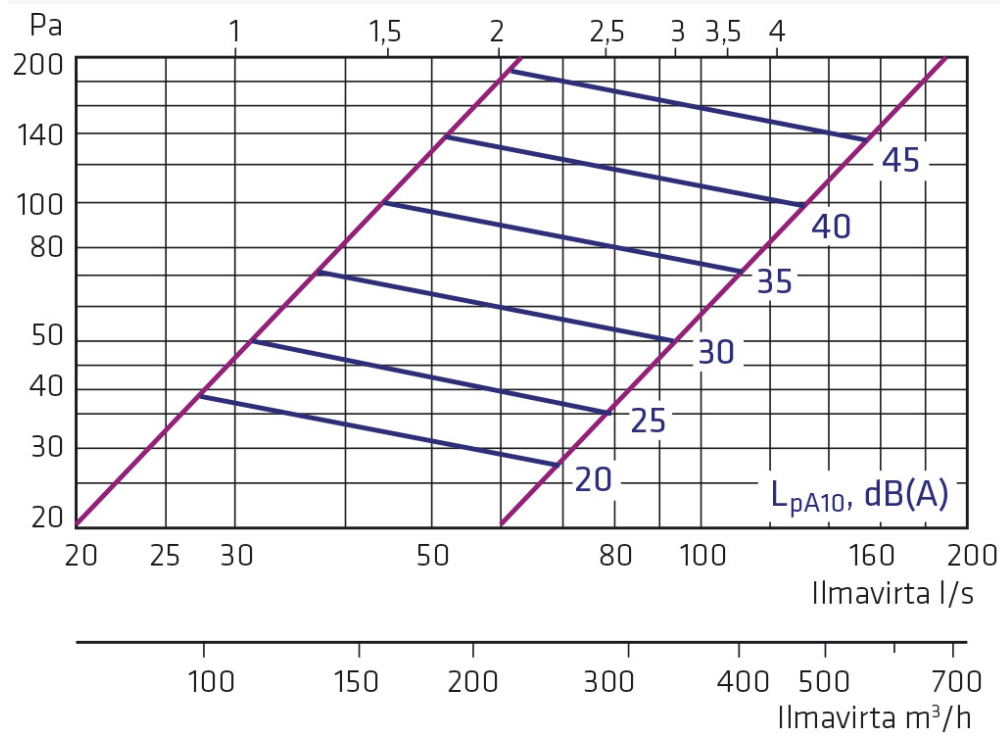
K_{okt} , dB	-1	1	4	3	-2	-3	-10	-22
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ΔL , dB

D_t , dB	18	13	7	3	2	3	3	3
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SET-200

SET exhaust air vent



$$L_{w_{okt}} = L_{pA10} + K$$

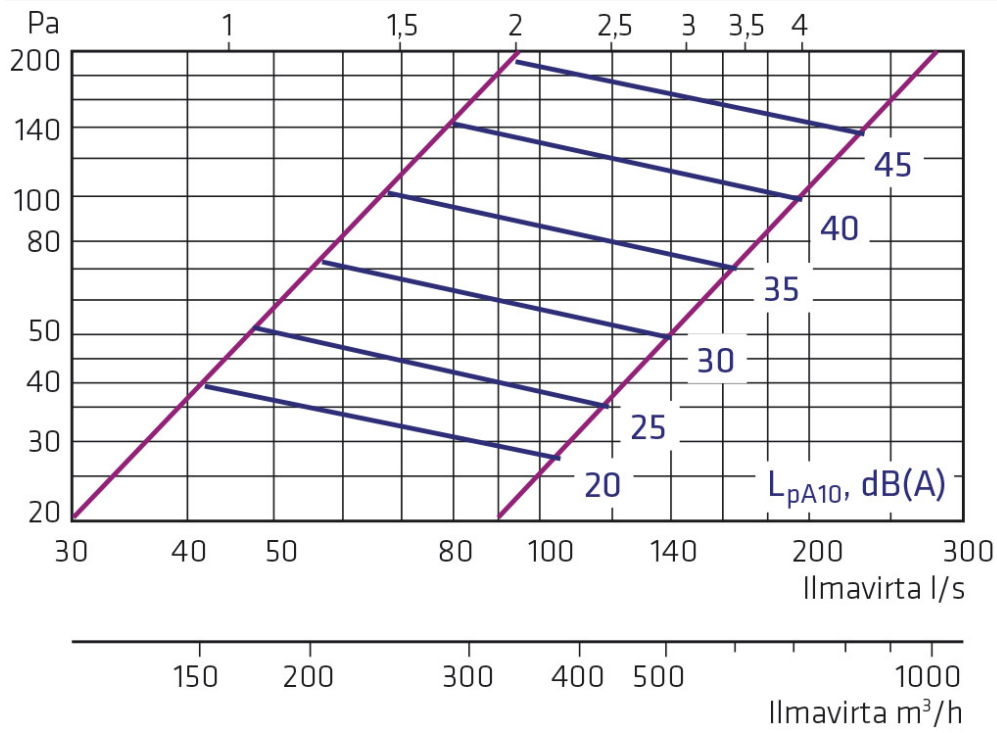
f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
K_{okt} , dB	-3	0	3	2	-2	-3	-9	-20

ΔL , dB

Dt, dB	16	11	5	3	2	3	3	3
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SET-250

SET exhaust air vent



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

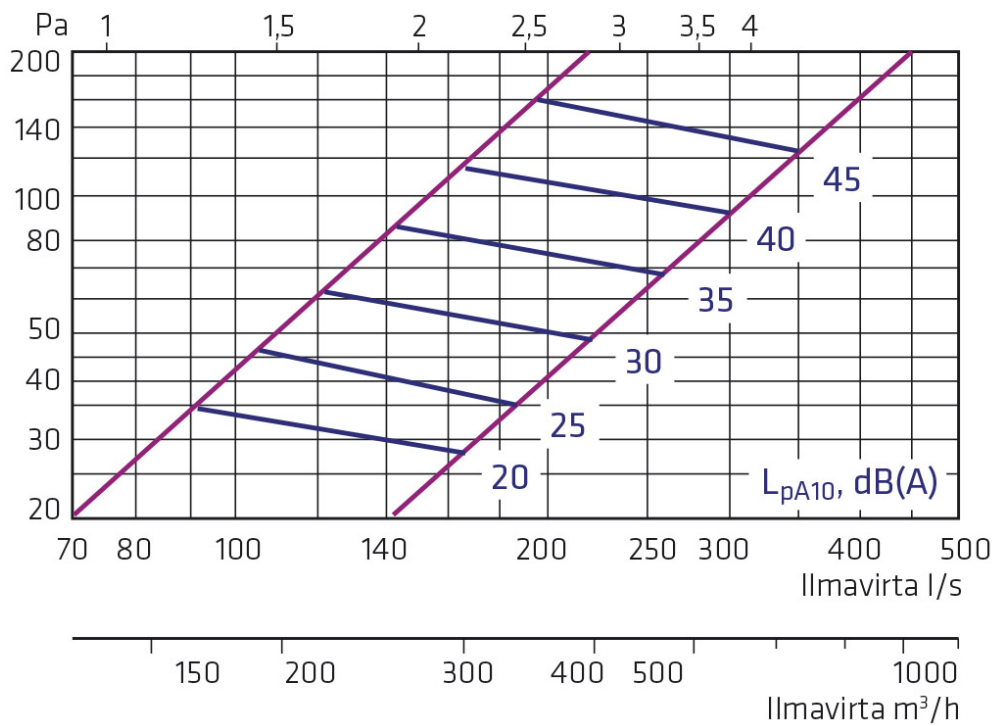
f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
K_{okt} , dB	-3	0	3	2	-2	-3	-9	-20

ΔL , dB

D_t , dB	16	11	5	3	2	3	3	3
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SET-315

SET exhaust air vent



$$L_{w_{okt}} = L_{pA10} + K$$

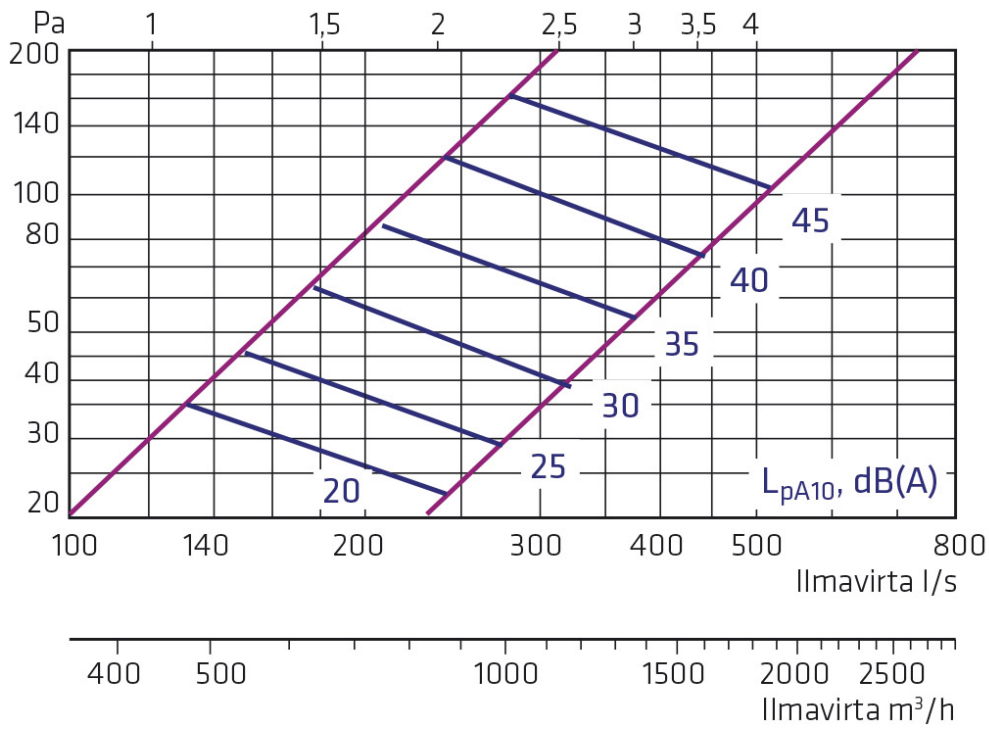
f, Hz	63	125	250	500	1k	2k	4k	8k
K_{okt} , dB	-1	0	1	0	0	-3	-10	-20

ΔL , dB

D_t , dB	10	8	2	1	0	2	2	3
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SET-400

SET exhaust air vent



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

f, Hz	63	125	250	500	1 k	2 k	4 k	8 k
$K_{\text{okt}}, \text{dB}$	2	5	3	1	-1	-3	-9	-22

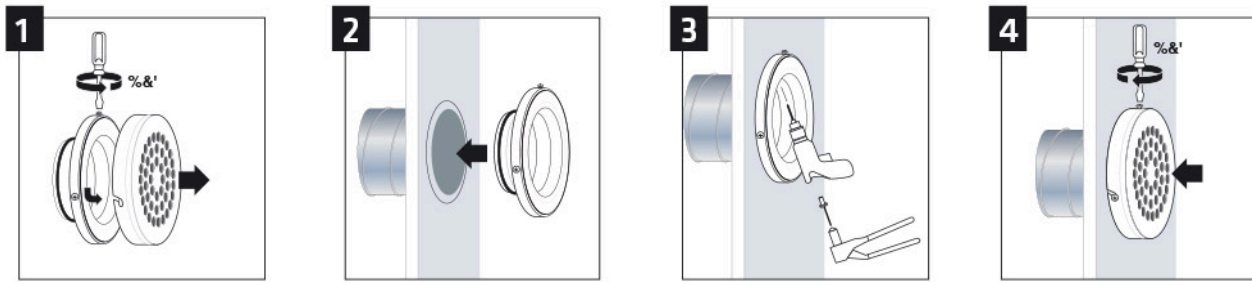
$\Delta L, \text{dB}$

Dt, dB	9	6	1	2	1	2	2	3
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SET exhaust air vent

Installation and adjustment

SET installation



SET adjustment

