CLIMECON®

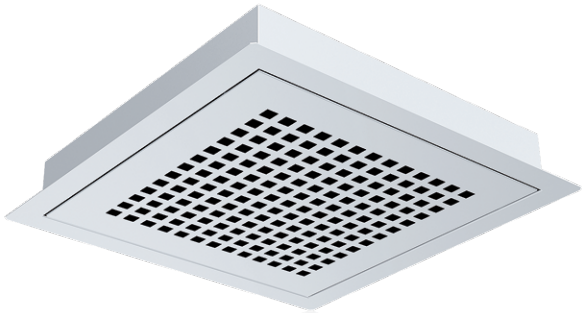
OLOi

Supply air diffusers and exhaust air devices for suspended and coffered ceilings, combining modern and stylish design, excellent air and sound properties, and uniquely easy installation.

09.16

OLOi

The optimized perforation distribution and the rectangular perforations of the exhaust air device **OLOi** provide excellent air and sound properties. For high airborne sound insulation we recommend the use of the type approved balancing plenum box PAK. The uncomplicated design of the OLOi makes it easy to clean. The entire front panel of the device can be removed for easy cleaning and sweeping. OLOi Z is designed for T-grid ceiling structures with concealed grids.



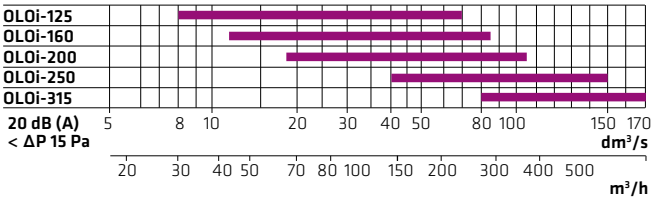
Product code

Exhaust air device OLOi-250-400+Z+PAK 200/250

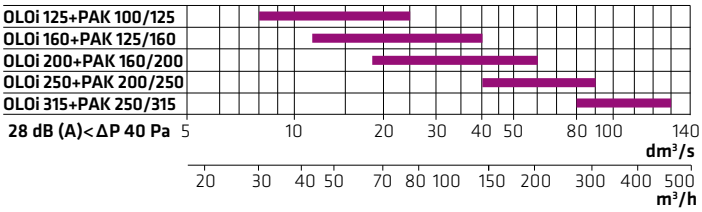
1 2 3 4 5 6 7

1 = Exhaust air device OLOi
2 = Exhaust air device size
3 = Panel size of suspended/coffered ceiling
4 = Lowered exhaust part
5 = Balancing plenum box PAK
6 = Balancing plenum box duct size
7 = Balancing plenum box connection to exhaust air device

Quick guide OLOi



Quick guide OLOi+PAK

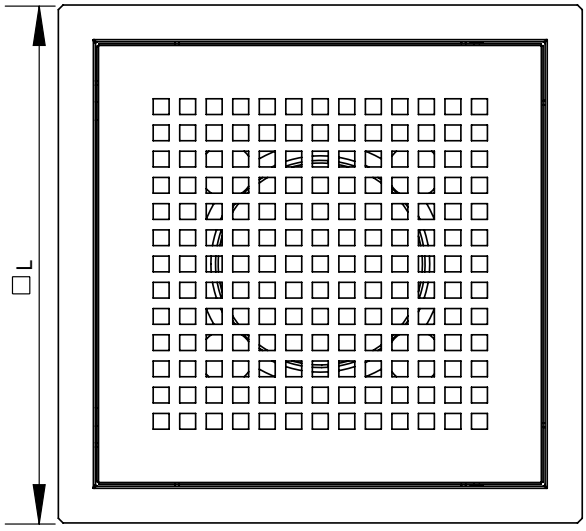


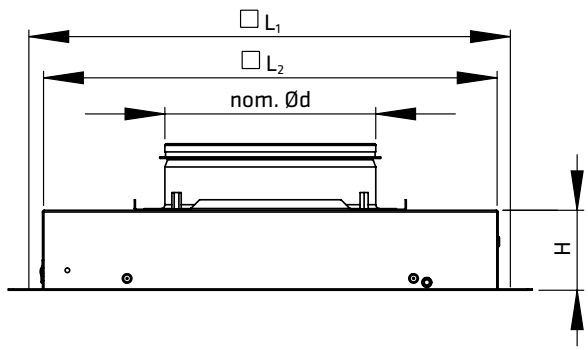
Materials and surface treatment

The exhaust air device OLOi is manufactured from sheet steel. The standard colour is Traffic White RAL 9016. Special colours available on request. For colour options, see colour chart RAL K1.

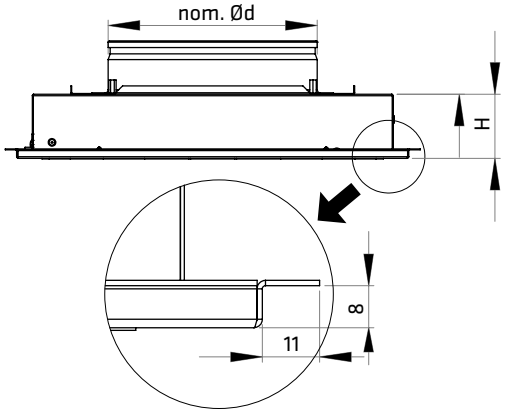
Dimensions

OLOi





OLOi-Z



	nom. Ød	□L	H	□L₁	□L₂	kg
OLOi-125-400	125	395	61	365	344	6,5
OLOi-160-400	160	395	61	365	344	6,5
OLOi-200-400	200	395	61	365	344	6,5
OLOi-125-600	125	595	81	565	544	6,5
OLOi-160-600	160	595	81	565	544	6,5
OLOi-200-600	200	595	81	565	544	6,5
OLOi-250-600	250	595	81	565	544	6,5
OLOi-315-600	315	595	81	565	544	6,5
OLOi-125-400Z	125	395	61	365	344	6,5
OLOi-160-400Z	160	395	61	365	344	6,5
OLOi-200-400Z	200	395	61	365	344	6,5
OLOi-125-600Z	125	595	81	565	544	6,5
OLOi-160-600Z	160	595	81	565	544	6,5
OLOi-200-600Z	200	595	81	565	544	6,5
OLOi-250-600Z	250	595	81	565	544	6,5
OLOi-315-600Z	315	595	81	565	544	6,5

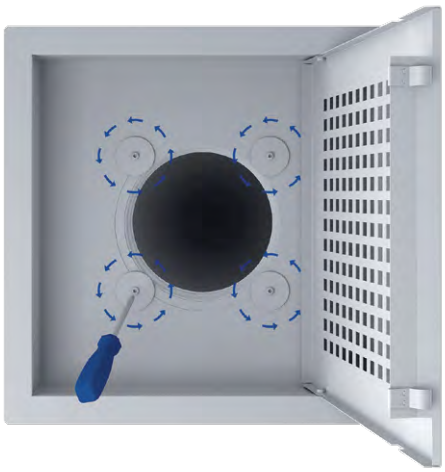
Superior installability

OLOi includes a unique sideways adjustable diffuser part to make installation easier.

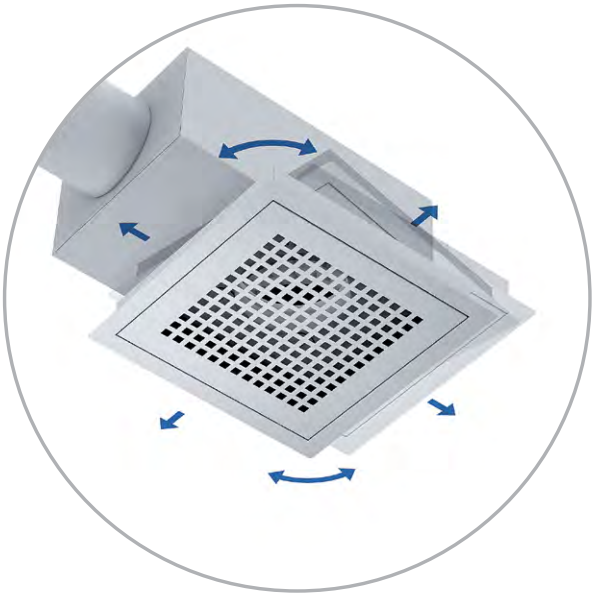
1. Open the front panel lock.

2. Turn down the front panel.

3. Loosen the locking screws (two revolutions) to enable adjustment.



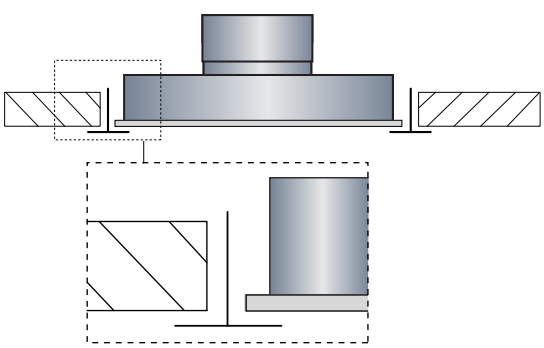
4. Place the device in its correct position and tighten the locking screws.



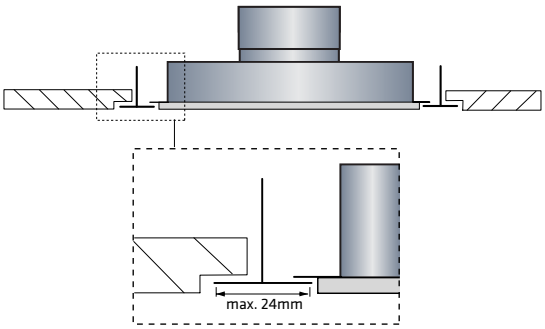
Ceiling construction options

OLOi is available for smooth ceiling surfaces and T-grid ceiling structures with both visible and concealed grids.

1. Smooth ceiling surface



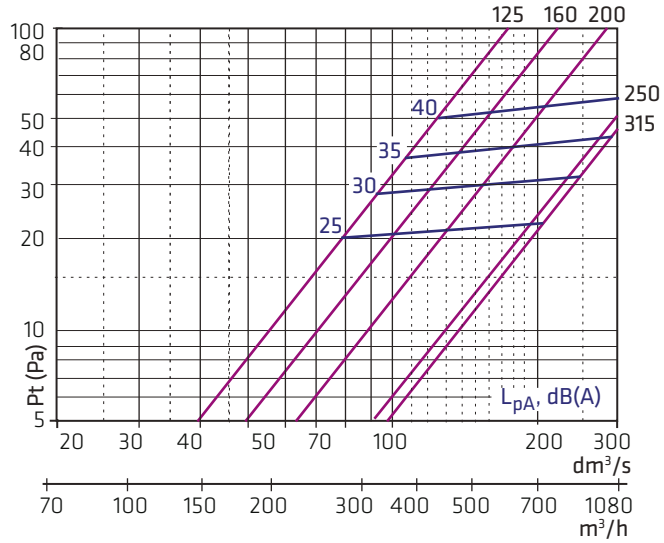
2. T-grid ceiling with concealed grid



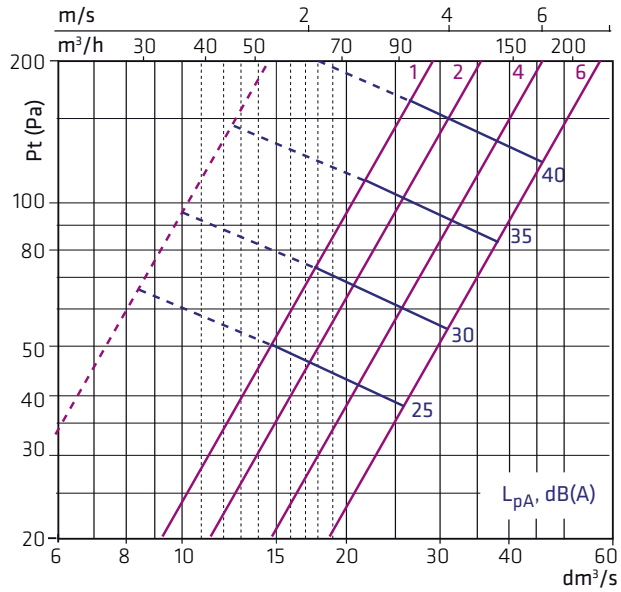
Dimensioning OLOi

The graphs are not intended for adjustment. The change of the module size doesn't affect the performance.

Airflow – pressure loss – sound level



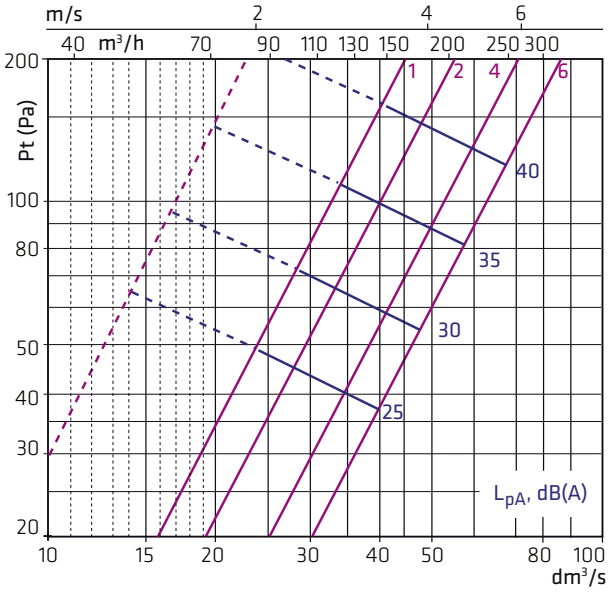
OLOi-125 + PAK-100/125



$L_{wokt} = L_{pA10} + K$									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-125	K, dB	-5	1	2	3	-1	-5	-9	-13
OLOi-125+PAK	K, dB	1	7	6	3	-1	-5	-9	-13

ΔL (dB)									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-125	ΔL, dB	18	12	5	-1	4	1	1	2
OLOi-125+PAK	ΔL, dB	15	8	5	8	16	14	14	15

OLOi-160 + PAK-125/160

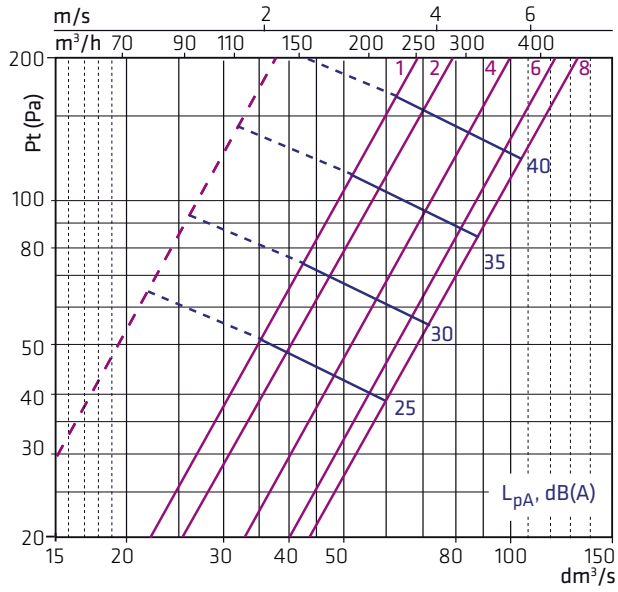


$L_{wokt} = L_{pA10} + K$									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-160	K, dB	-5	3	2	3	-1	-6	-9	-14
OLOi-160+PAK	K, dB	2	7	5	3	-1	-4	-9	-14

ΔL (dB)									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-160	ΔL, dB	18	12	6	-1	3	1	1	1
OLOi-160+PAK	K, dB	15	7	6	8	16	13	13	15

Wider adjustment range ---------- = adjustment plate nozzles partly plugged

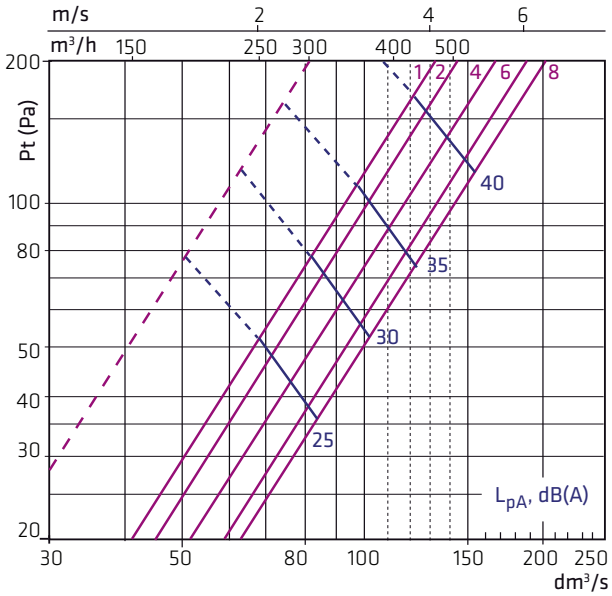
OLOi-200 + PAK-160/200



$L_{wokt} = L_{pA10} + K$									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-200	K, dB	-5	-2	1	4	-1	-6	-10	-15
OLOi-200+PAK	K, dB	1	7	5	3	-4	-5	-10	-14

ΔL (dB)									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-200	ΔL, dB	15	10	4	1	1	1	1	3
OLOi-200+PAK	ΔL, dB	16	8	8	9	19	14	14	15

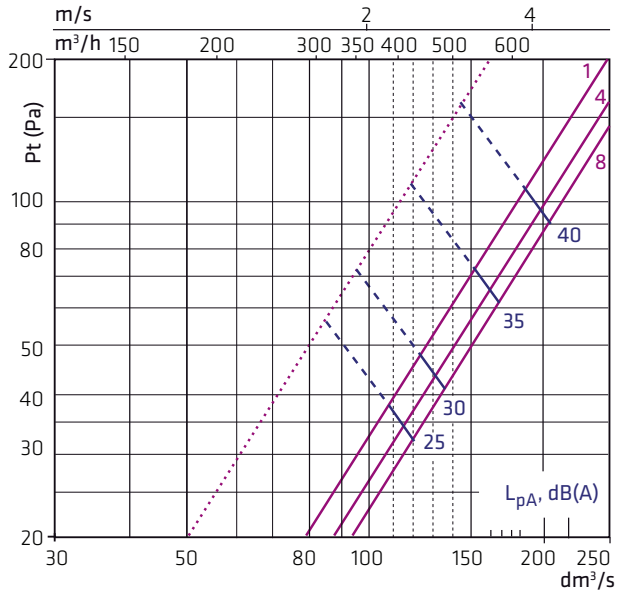
OLOi-250 + PAK-200/250



$L_{wokt} = L_{pA10} + K$									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-250	K, dB	-2	5	6	7	1	-5	-11	-20
OLOi-250+PAK	K, dB	4	10	7	2	1	-4	-8	-13

ΔL (dB)									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-250	ΔL, dB	11	7	1	1	0	1	1	4
OLOi-250+PAK	K, dB	15	6	6	8	15	14	13	15

OLOi-315 + PAK-250/315



$L_{wokt} = L_{pA10} + K$									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-315	K, dB	-2	5	5	8	1	6	-11	-18
OLOi-315+PAK	K, dB	3	11	7	5	2	-4	-9	-16

ΔL (dB)									
	f, Hz	63	125	250	500	1k	2k	4k	8k
OLOi-315	ΔL, dB	11	8	1	1	0	1	1	3
OLOi-315+PAK	ΔL, dB	15	6	6	13	14	13	12	12

Wider adjustment range ---------- = adjustment plate nozzles partly plugged