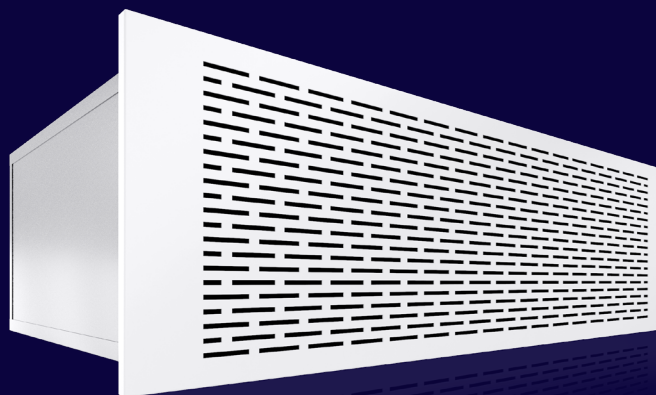


SAGA

Supply and exhaust air diffusers

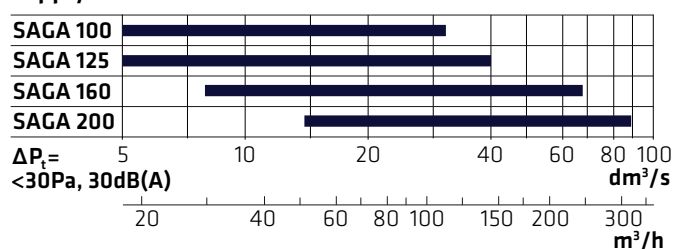
SAGA diffusers are developed by combining the visual expertise of architects, interior architects, and interior designers with Climecon's excellence in ventilation.



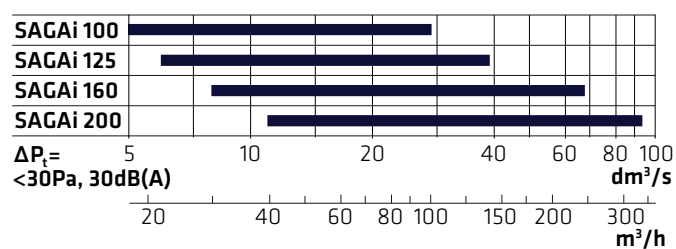
- 360° directed OptiFlow nozzles enable versatile possibilities for throw-pattern designing
- Measurement class 1 adjustment and broad adjustment range
- Reliable SlideFix adjustment mechanism
- Stylish front grille protrudes only 12 mm from the wall surface

Quick Selection Guide

Supply air



Exhaust air



Color options

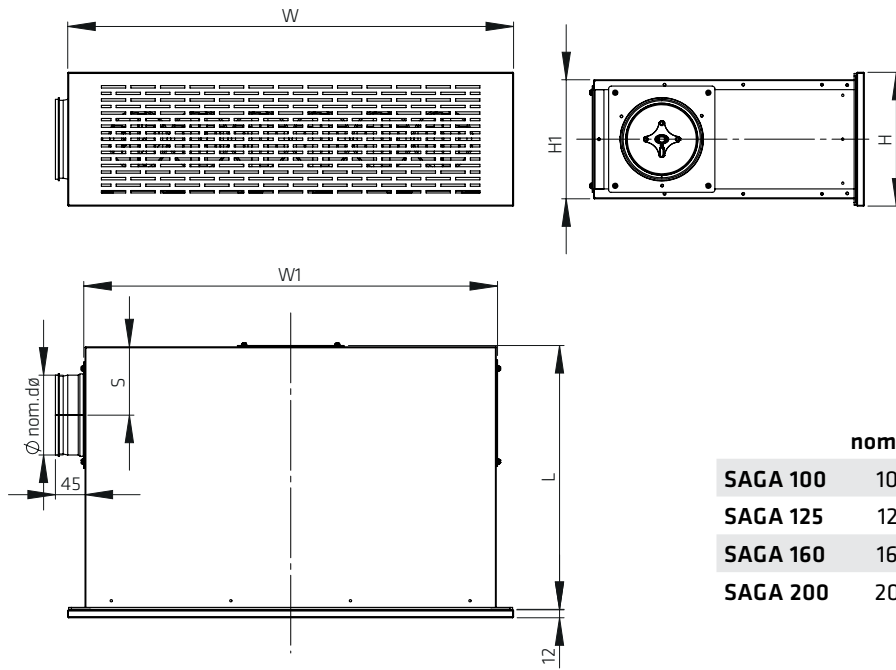
○ Off-white
RAL 9016 (standard)

○ Silver grey
RAL 9006

● Matte black
RAL 9005

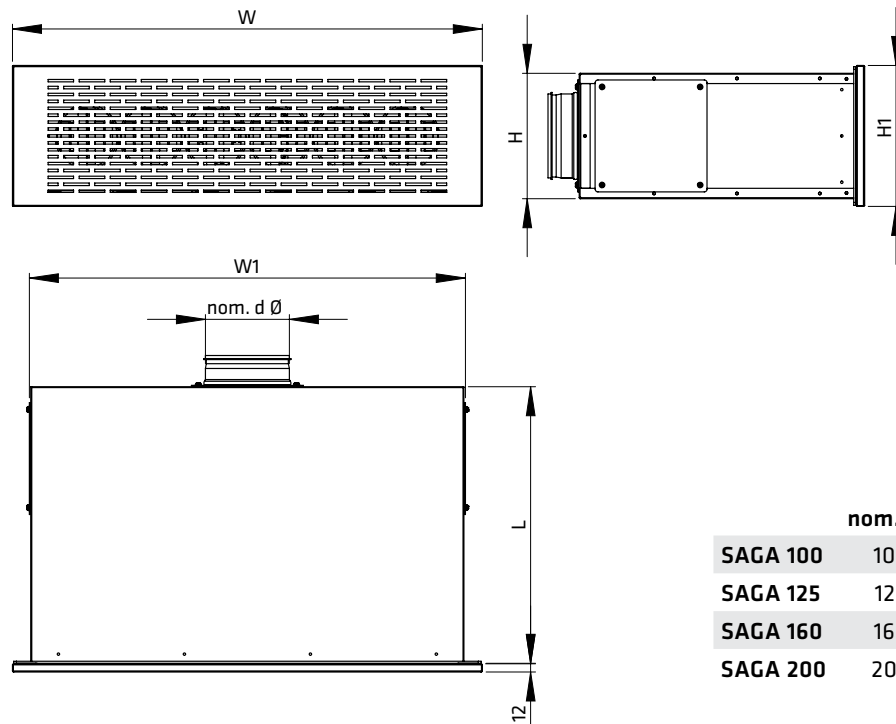
Dimensions

Duct joint from the side



	nom. dØ	L	H1	H	W	W1	S	Kg
SAGA 100	100	400	158	180	600	551	104	7,0
SAGA 125	125	400	182	204	680	631	104	8,3
SAGA 160	160	450	222	244	820	771	154	11,3
SAGA 200	200	450	254	284	1000	915	154	14,0

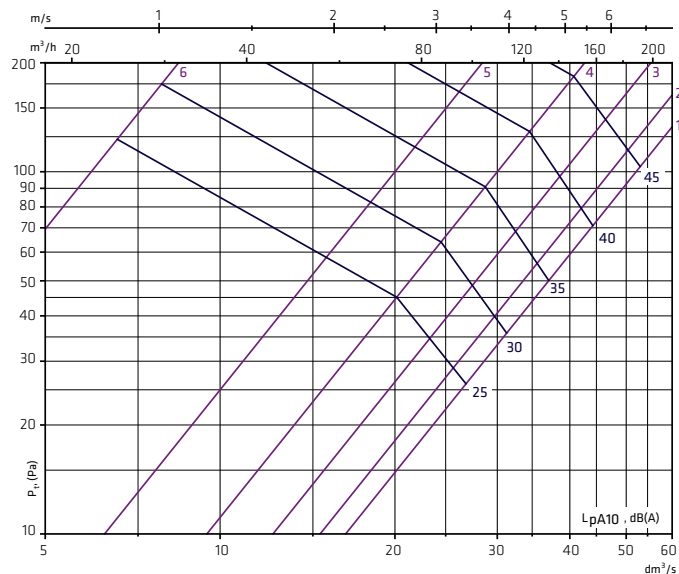
Duct joint from the back



	nom. dØ	L	H	H1	W	W1	Kg
SAGA 100	100	400	158	180	600	551	7,0
SAGA 125	125	400	182	204	680	631	8,3
SAGA 160	160	450	222	244	820	771	11,3
SAGA 200	200	450	254	284	1000	915	14,0

Selection diagrams for supply air

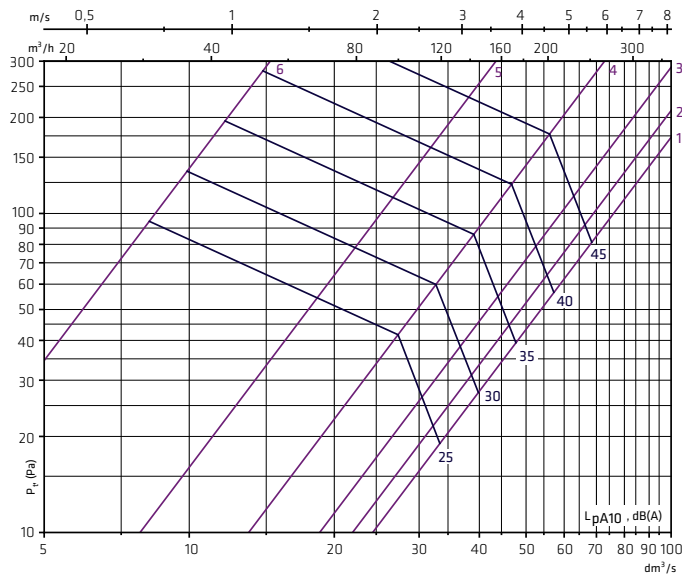
SAGA 100



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

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	2	5	4	1	-2	-7	-12	-17
tol, dB±	7	5	5	3	4	5	6	7
ΔL (dB)								
Dt, dB	21	13	10	8	6	6	6	7

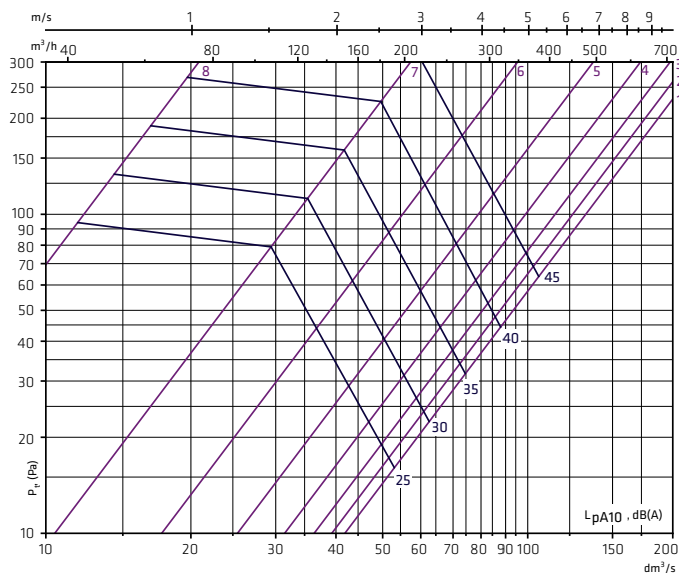
SAGA 125



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

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	-3	8	5	1	-2	-8	-13	-16
tol, dB±	7	8	6	2	4	5	7	6
ΔL (dB)								
Dt, dB	16	7	4	7	6	7	10	9

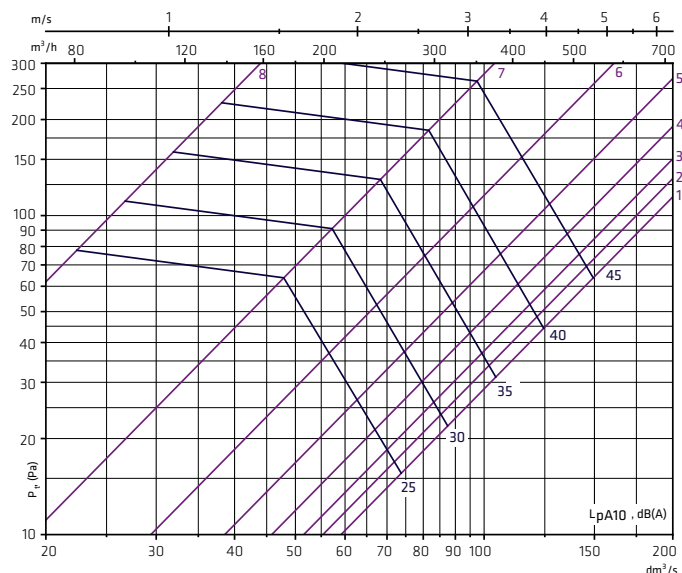
SAGA 160



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

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	4	7	5	1	-1	-9	-13	-19
tol, dB±	6	3	3	1	3	3	5	5
ΔL (dB)								
Dt, dB	23	8	7	7	5	8	9	10

SAGA 200

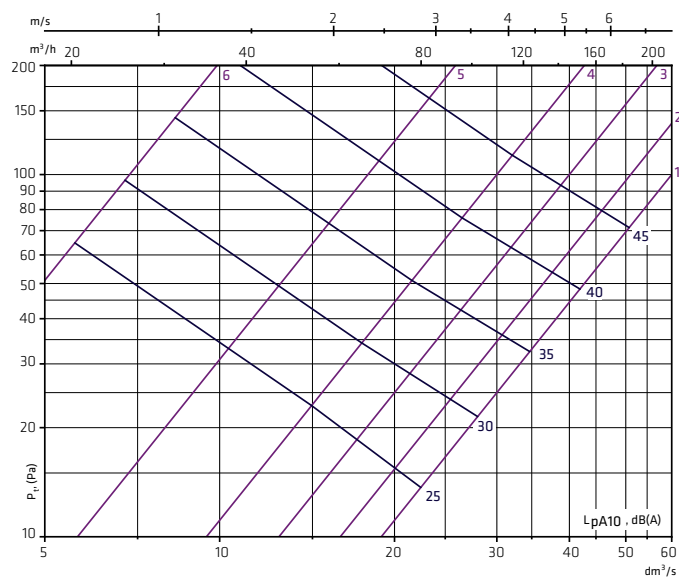


$$L_{w_{okt}} = L_{pA10} + K$$

f, Hz	63	125	250	500	1k	2k	4k	8k
K, dB	2	9	5	1	-2	-9	-13	-19
tol, dB±	6	6	6	2	4	6	7	6
ΔL (dB)								
Dt, dB	15	3	6	4	5	8	8	9

Selection diagrams for exhaust air

SAGAi 100



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

f, Hz 63 125 250 500 1k 2k 4k 8k

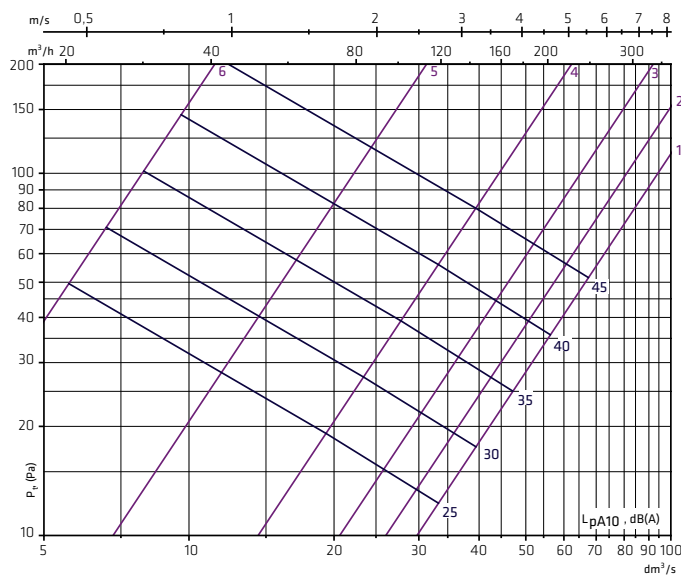
K, dB 0 3 6 0 -1 -6 -10 -17

tol, dB± 10 5 3 1 2 4 6 3

ΔL (dB)

Dt, dB 18 9 6 8 6 7 10 9

SAGAi 125



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

f, Hz 63 125 250 500 1k 2k 4k 8k

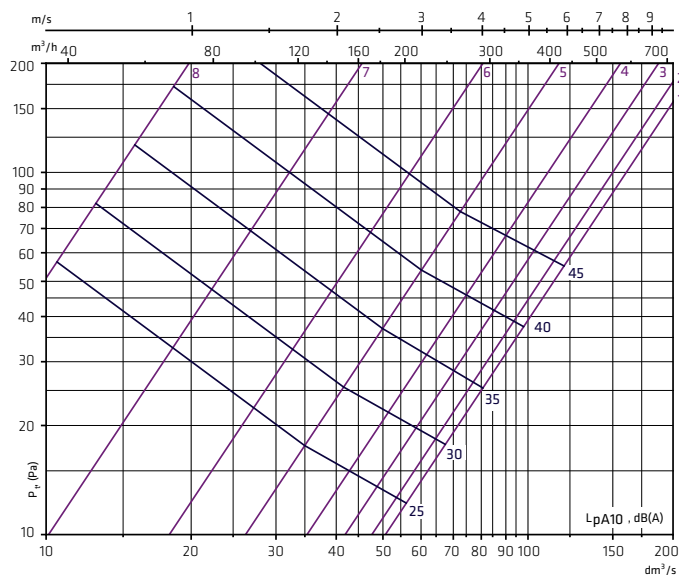
K, dB 0 3 6 0 -1 -6 -10 -17

tol, dB± 10 5 3 1 2 4 6 3

ΔL (dB)

Dt, dB 18 9 6 8 6 7 10 9

SAGAi 160



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

f, Hz 63 125 250 500 1k 2k 4k 8k

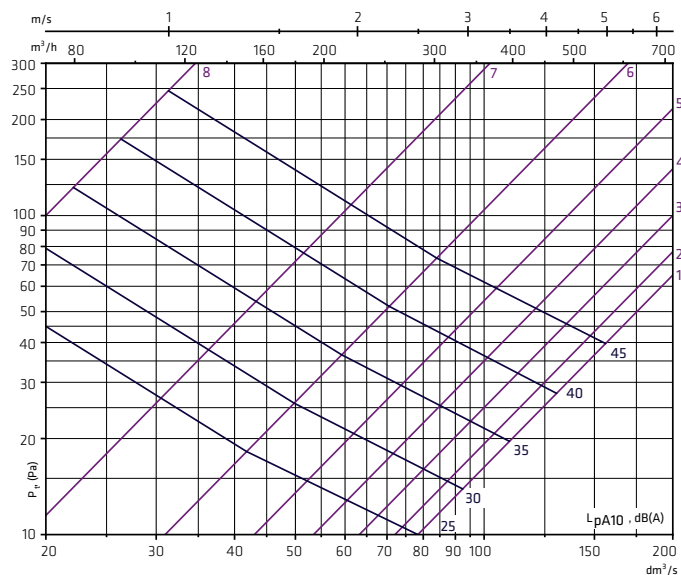
K, dB 2 3 2 -1 0 -6 -10 -12

tol, dB± 10 5 4 2 2 4 8 9

ΔL (dB)

Dt, dB 15 3 6 4 5 8 8 9

SAGAi 200



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

f, Hz 63 125 250 500 1k 2k 4k 8k

K, dB 2 3 2 -1 0 -6 -10 -12

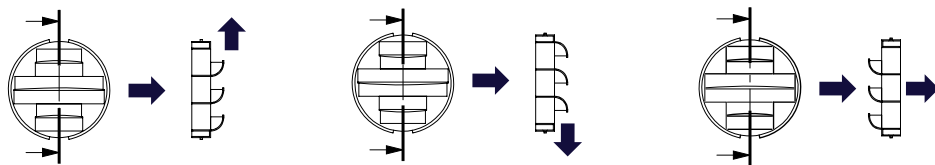
tol, dB± 10 5 4 2 2 4 8 9

ΔL (dB)

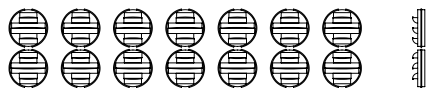
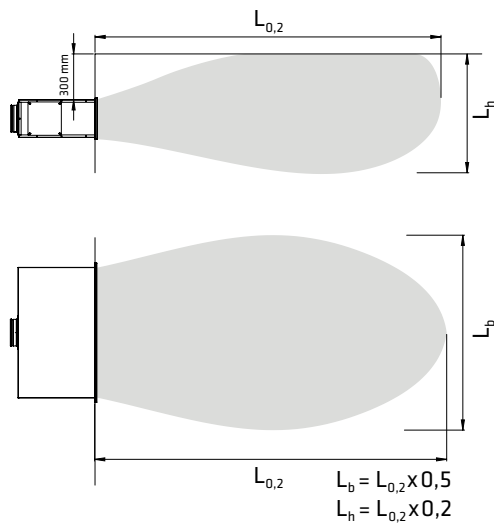
Dt, dB 15 3 6 4 5 8 8 9

Throw patterns and nozzle directions

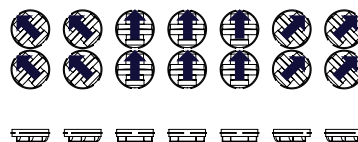
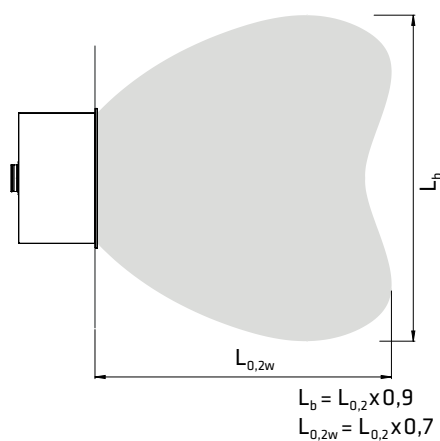
Nozzle directions



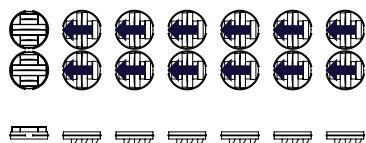
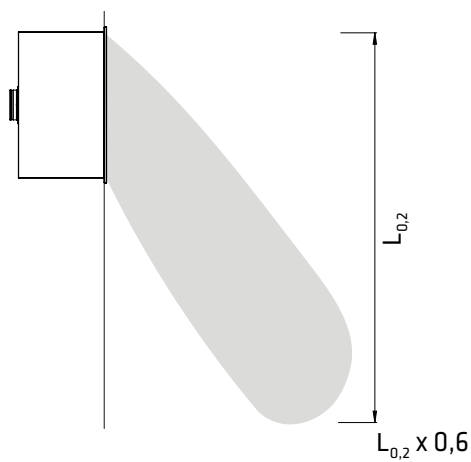
Forward facing long and narrow throw pattern



Forward facing short and wide throw-pattern



Slanted to side throw-pattern



Throw length

