2026-11

ABC–CSZ
COMBINATION ROOF HOOD

Tip!
Before the ventilation system is put into operation, the roof hood should be covered to prevent condensation problems.



For higher exhaust airflow rates, we recommend version B of our standard exhaust air roof hoods. This version is intended for higher airflow rates and a total pressure drop of at least 20 Pa.

USE
Classic combined outdoor air and exhaust air roof hood with upward-directed exhaust air, designed for comfort ventilation. Louvre type YGIG.

DESIGN
Lifting eyes are standard from size 800 and upwards.
ABC-CSZ is normally manufactured from patented co-lour-coated sheet steel in standard building sheet colours, but is also available in other materials:

- Pre-coated steel in standard colours
- Zinc magnesium ZM310
- Zinc magnesium ZM120
- Stainless steel
- Acid-resistant stainless steel
- Titanium zinc
- Copper
- Aluminium

CARE/MAINTENANCE
Check the need for cleaning once a year.
Under unfavourable conditions, entrainment of aerosols and powder snow, or ice formation, cannot be ruled out.

EXAMPLE SPECIFICATION TEXT
VVS AMA
QMB.2/QMF.2

Combined outdoor air and exhaust air roof hood ABC-CSZ by Swegon. Size 800. Manufactured from patented colour-coated sheet steel.
Colour according to colour chart.

Distance correction for sound level, dB(A	
Distance m	Correction dB(A)
5	-22
10	-28
15	-32
20	-34
30	-38
40	-40
50	-42
60	-44

ACCESSORIES



Roof duct ABC–TGC with internal mineral wool insulation, 50 or 100 mm, with high density and a cleanable surface layer. Standard length is 800 mm.



Sound attenuating roof duct ABC–TGCLD with internal mineral wool insulation, 50 or 100 mm, with high density and a cleanable surface layer. Standard length is 800 mm



Backdraft damper ABC-BSC



Bottom connection circular ABC-ÖGC



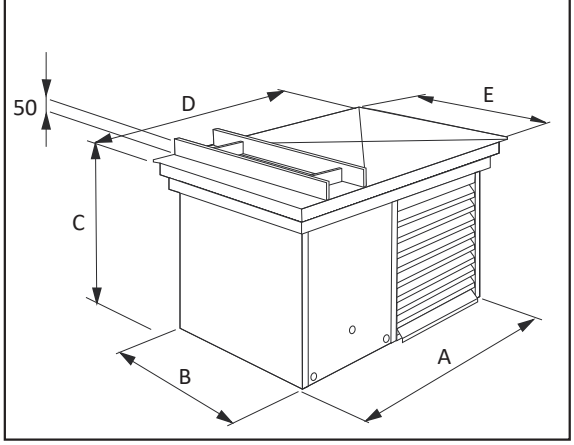
Bottom connection rectangular ABC-BANSC



Accessories for increased throw length

SIZE

Size ABC-CSZ	Weight Kg	A mm	B mm	C mm	D mm	E mm	Size ABC-TGC[1]
200	18	800	400	390	960	560	200
300	27	1000	500	500	1160	660	300
400	35	1200	600	560	1360	760	400
500	58	1400	700	650	1560	860	500
600	60	1600	800	750	1860	1060	600
800	105	2000	1000	950	2260	1260	800
1000	159	2400	1200	950	2660	1460	1000
1200	203	2800	1400	1050	3060	1660	1200
1400	258	3200	1600	1400	3460	1860	1400
1600	341	3600	1800	1600	3860	2060	1600
1800	400	4000	2000	1600	4260	2260	1800
2000	470	4400	2200	1790	4600	2400	2000

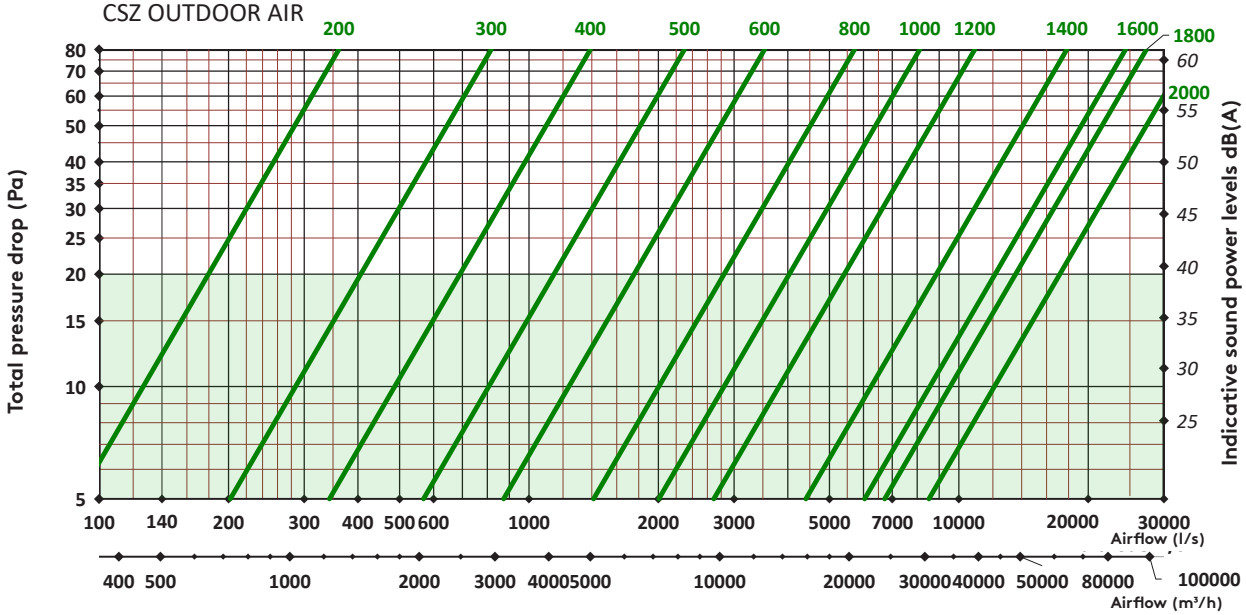


1 Available with internal mineral wool insulation, 50 or 100 mm

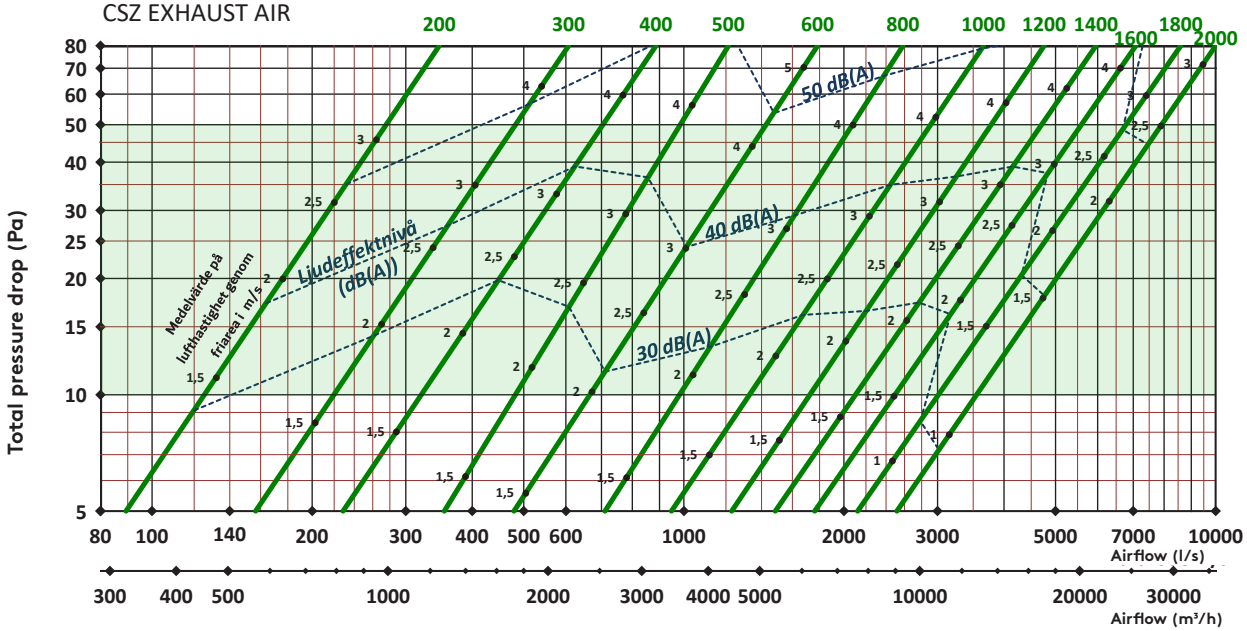
DIMENSIONS

Specified data are guide values.

CSZ OUTDOOR AIR



CSZ EXHAUST AIR

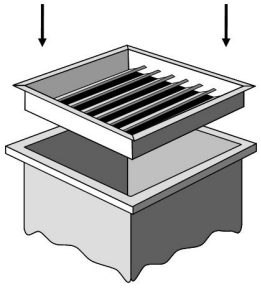


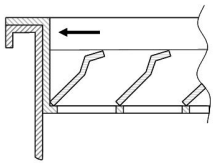
Green highlighted area indicates a good energy choice for low SFP values.

Sound and pressure measurements carried out by RISE.

Installation

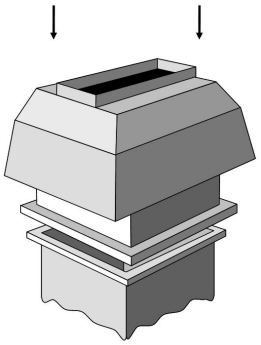
1. ABC hoods are designed for installation on a roof duct, such as ABC-TG, TGC, TGLD, or on an existing roof duct. As an accessory for exhaust air hoods, a non-return damper, ABC-BS, is available and is installed between the roof hood and the roof duct. The non-return damper is placed in the opening of the roof duct and is attached with metal screw above the stop ledge against the roof duct.





2. ABC's square / rectangular hoods, exhaust / intake air and combi roof hoods are designed with an edge that is placed outside the roof duct.

When installing combi hoods, make sure that the hood is placed the right way - exhaust air and intake air over the right duct in the roof duct.



3. Once the hood is positioned so that its flange covers the roof duct, it shall be securely fastened, preferably using M8 bolts and nuts (depending on size).
Fix the hood to the roof duct and drill the required number of holes through both the roof duct and the roof hood.

For larger roof hoods, it´s recommended to attach them to the roof with metal wires.

