2026-11

ABC–USZD
OUTDOOR AIR ROOF HOOD



USE
Classic double outdoor air roof hood with louvres at the air intake, designed for comfort ventilation.
Louvre type YGIG.

DESIGN
The roof hood is equipped with removable water-separating louvre inserts and a small-animal-proof wire mesh grille. Lifting eyes are standard from size 800 and upwards.

ABC-USZD is normally manufactured from patented colour-coated steel in standard building sheet colours, but is also available in other materials:

- Colour-coated sheet 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

Outdoor air roof hood ABC-USZD by Swegon.
Size 800. Manufactured from patented colour-coated sheet steel. Colour according to colour chart.

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.

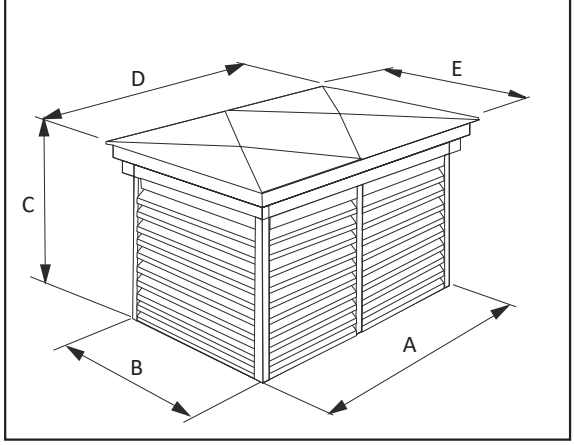


Bottom connection circular ABC-ÖGC



Bottom connection rectangular ABC-BANSD

Size ABC-USZD	Weight Kg	A mm	B mm	C mm	D mm	E mm	Size ABC-TGC[1]
200	23	800	400	390	960	560	200
300	31	1000	500	500	1160	660	300
400	40	1200	600	560	1360	760	400
500	58	1400	700	650	1560	860	500
600	84	1600	800	750	1860	1060	600
800	110	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		4000	2000	1600	4260	2260	1800
2000		4400	2200	1790	4600	2400	2000

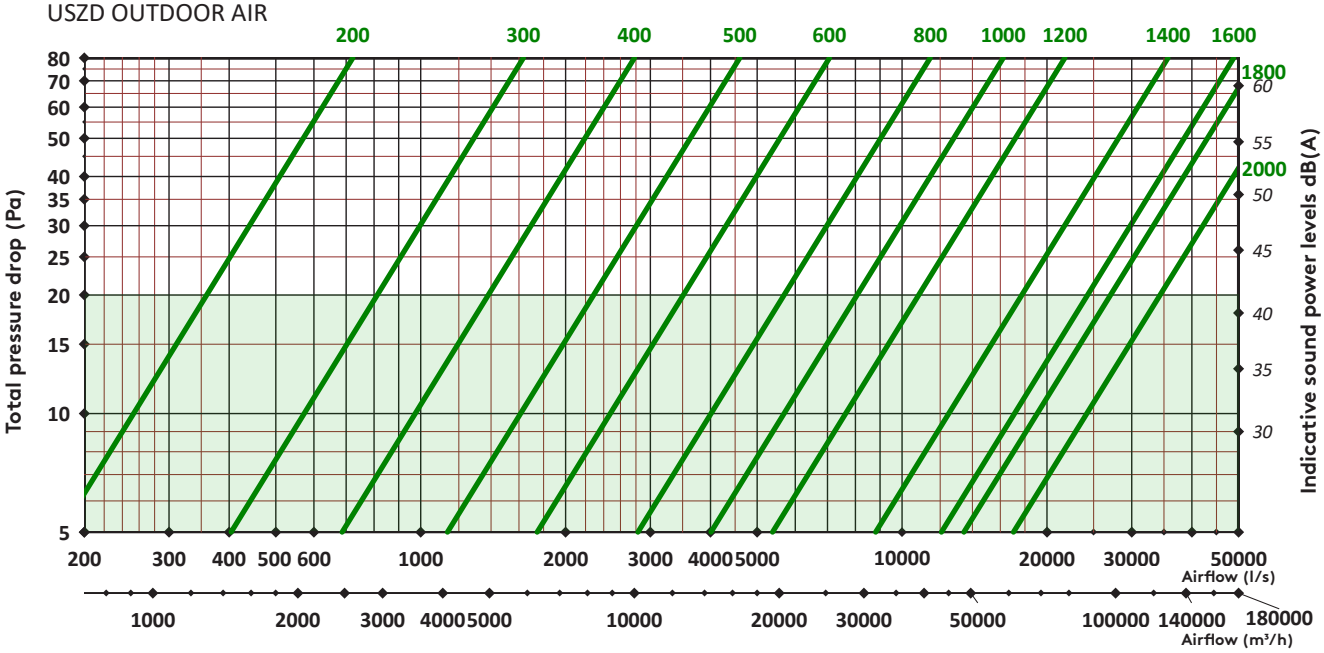


[1] Internal mineral wool insulation 50 mm

DIMENSIONS

Specified data are guide values.

USZD OUTDOOR AIR



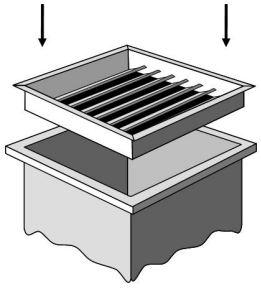
The green marked area are a good energy choice

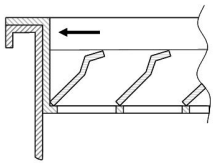
Distance corrected sound level dB(A)	
Distance m	Correction dB(A)
5	-22
10	-28
15	-32
20	-34
30	-38
40	-40
50	-42
60	-44

Sound and pressure measurements performed by RISE

Installation

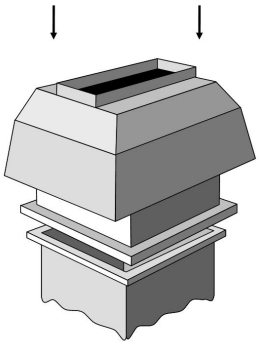
1. ABC´s roof hoods are manufactured to be installed on some sort of roof duct, for example ABC-TG, TGC, TGLD or on already existing roof duct. As an extra alternative, ABC-BS can be installed as a backdraft damper between the roof hood and roof duct. The backdraft damper is placed in the opening of 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 combination roof hoods are designed with an edge that is placed outside the roof duct.

When installing combination roof 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. When the roof hood is mounted so that it´s frame covers the roof duct, attach it in a suitable way, for example with M10 bolt and nut (depending on the size). Fix the roof hood against the roof duct and drill the required number of holes through the roof hood and the roof duct.

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

