2026-11

ABC–USZ

SQUARE OUTDOOR AIR ROOF HOOD



USE
Outdoor air roof hood with louvres at the air intake, intended for comfort and industrial ventilation. Louvre type YGIG.

DESIGN
ABC-USZ is usually manufactured from patented, color-coated steel and follows the standard colors of building sheet metal but is also available in other materials. The roof hood is equipped with removable water-separating louvre inserts and animal-proof wire mesh. Lifting lugs are standard from size 800 and up.

MAINTENANCE
Check the need for cleaning once a year.

EXAMPLE DESCRIPTIVE TEXT
VVS AMA
QMB.2

Outdoor air roof hood ABC-USZ by Swegon. Size 800. Manufactured in patented color-coated steel.

ACCESSORIES



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



Circular connection ABC-ÖG

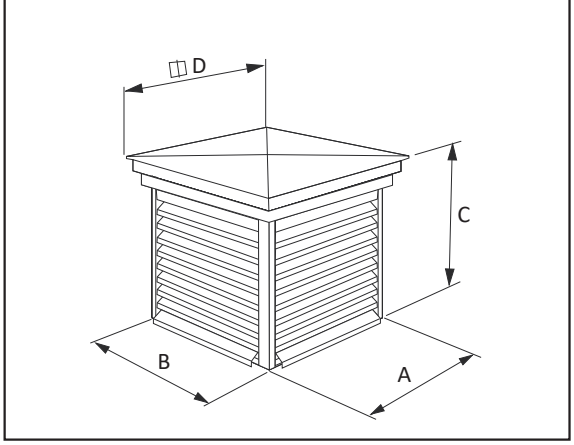


Rectangular connection ABC-BANS

SIZE

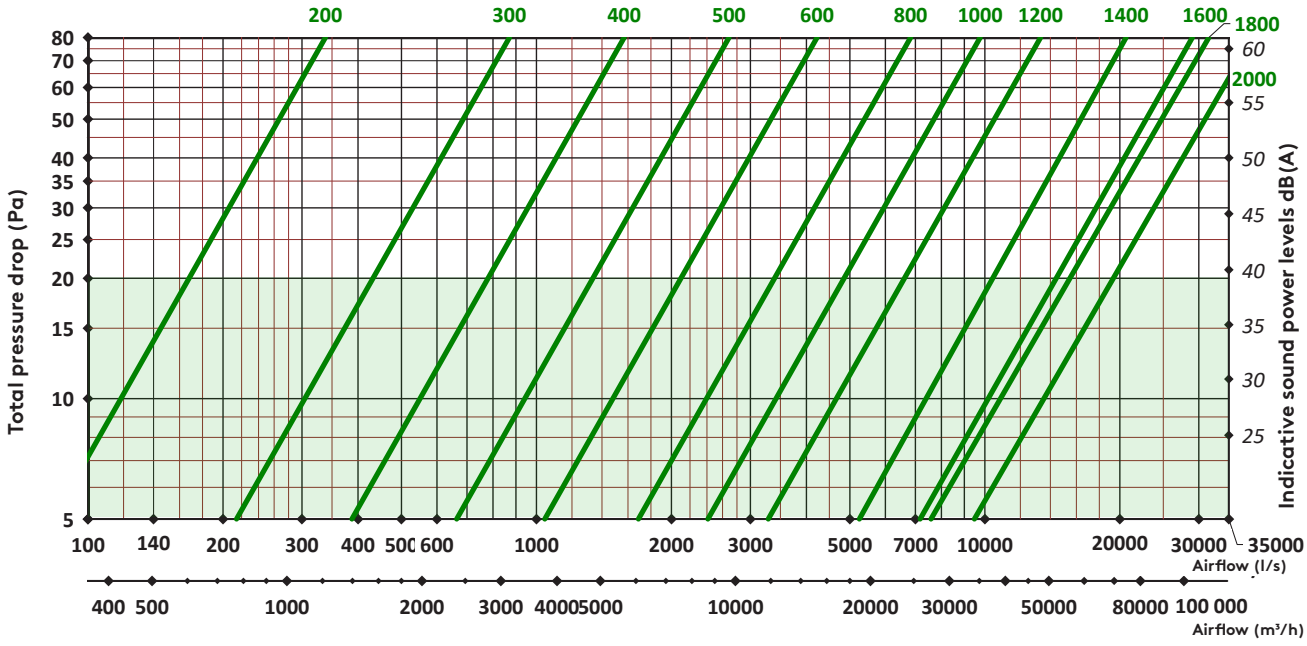
Size ABC-USZ	Weight kg	A/B mm	C mm	D mm	ABC-TG[1]
200	11	400	390	560	300
300	18	500	500	660	400
400	25	600	560	760	500
500	35	700	650	860	600
600	51	800	750	1060	700
800	71	1000	950	1260	900
1000	80	1200	950	1460	1100
1200	128	1400	1050	1660	1300
1400	163	1600	1400	1860	1500
1600	202	1800	1600	2060	1700
1800	242	2000	1600	2260	1900
2000	282	2200	1790	2400	2100

[1] Internal mineral wool insulation 50 mm



DIMENSIONS

Specified data are guide values.



The green marked area are a good energy choice

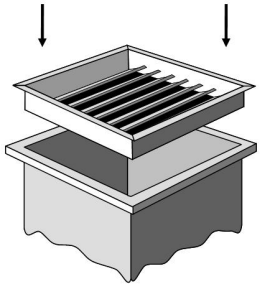
Distance corrected sound level dB(A)	
Distance m	Correction dB(A)
5	-22
10	-28
15	-32
20	-34
30	-38
40	-40
50	-42
60	-44

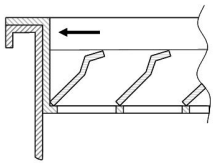
Sound and pressure measurements performed by RISE

Swegon

Installation

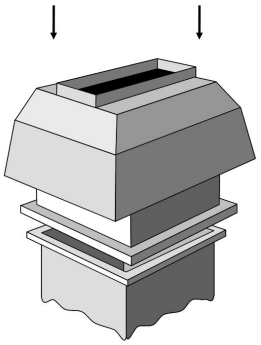
1. ABC´s roof hoods are manufactured to be installed on some sort of roof duct, for example ABC-TG, TGC, TGLD or on already existing roof duct. As an extra alternative, ABC-BS can be installed as a backdraft damper between the roof hood and roof duct. The backdraft damper is placed in the opening of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

