

ABC-AHZD

EXHAUST AIR



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

Standard double exhaust air roof hood with upward discharge, for comfort ventilation.

DESIGN

Lifting eyes are standard from size 800 upwards. ABC-AHZD is usually manufactured from patented colour-coated steel in standard roofing colours, but is also available in other materials.

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

CARE/MAINTENANCE

Check whether cleaning is required once a year.

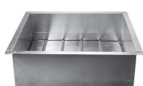
ACCESSORIES



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-BANS

EXAMPLE SPECIFICATION TEXT

VVS AMA
QMF.2

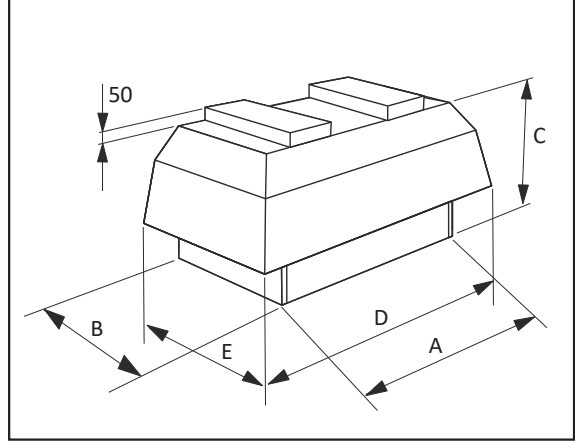
Exhaust air roof hood AHZD manufactured by Swegon. Size 800. Made from patented colour-coated steel. Colour according to the colour chart.

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

MEASUREMENTS/SIZE

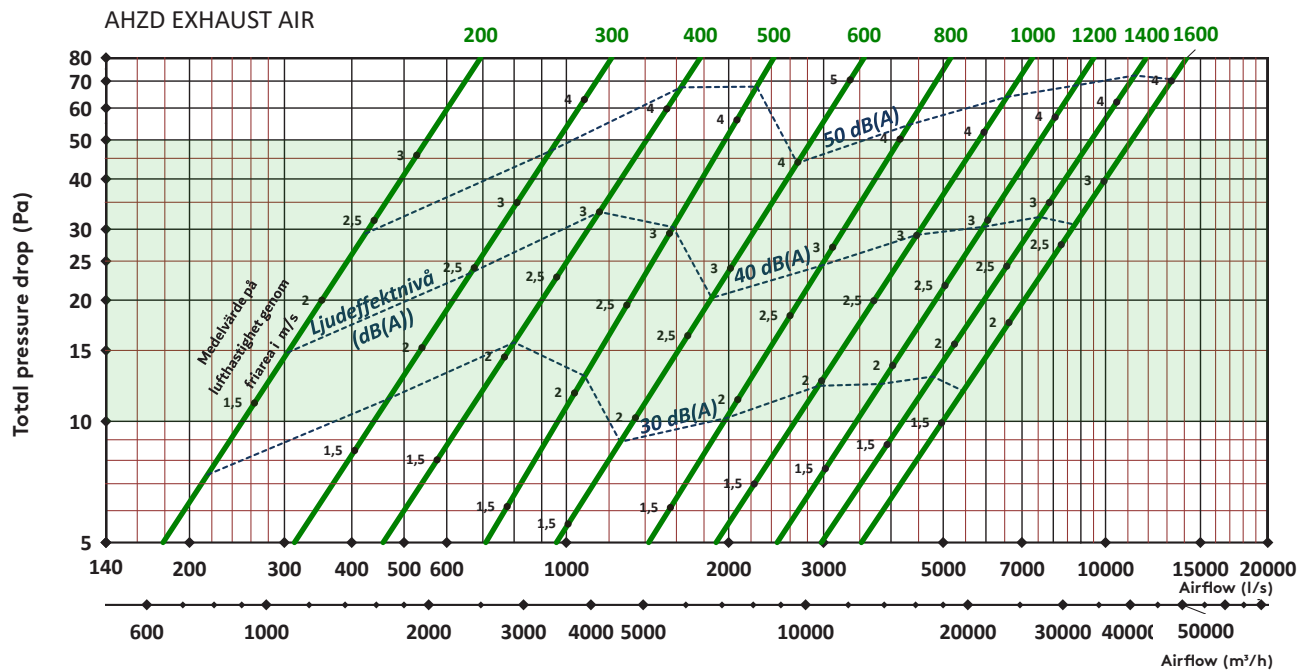
Size ABC- AHZD	Weight kg	A mm	B mm	C mm	D mm	E mm	Size ABC-TGC ¹
200	20	800	400	390	1050	650	200
300	30	1000	500	500	1300	800	300
400	48	1200	600	560	1650	1050	400
500	64	1400	700	650	1900	1200	500
600	65	1600	800	750	2100	1300	600
800	106	2000	1000	950	2700	1700	800
1000	125	2400	1200	950	3100	1900	1000
1200	252	2800	1400	1050	3500	2100	1200
1400	380	3200	1600	1400	4000	2400	1400
1600	490	3600	1800	1600	4300	2500	1600

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



DIMENSIONS

The stated data are indicative values.



Sound and pressure measurements carried out by RISE.

Installation

1. ABC roof 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 roof 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 roof hoods, exhaust / intake air and combi roof hoods are designed with an edge that is placed outside the roof duct.

When installing combi roof hoods, make sure that the roof 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 roof 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.

