

ABC-JET

EXHAUST AIR

Tip!
Before the system is in operation, the roof hood should be covered to avoid condensation problems.



USE
Circular exhaust air roof hood.

DESIGN
Socket connection that complies with the spiral duct standard. The inner cone is fixed with no moving parts which ensures rain protection when the fan is switched off. Available with flange connection. Lifting points are standard from size 400. Usually manufactured in zinc magnesium ZM310 but is also available in other materials:

Zinc magnesium ZM310
Zinc magnesium ZM120
Aluzinc
Stainless steel
Acid-resistant stainless steel

MAINTENANCE
Inspection of the product should be done at least once a year.

EXAMPLE, DESCRIPTIVE TEXT
VVS AMA
QMF.2

Exhaust air roof hood ABC-JET by Swegon. Size 800. Manufactured in zinc magnesium ZM310.

ACCESSORIES



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



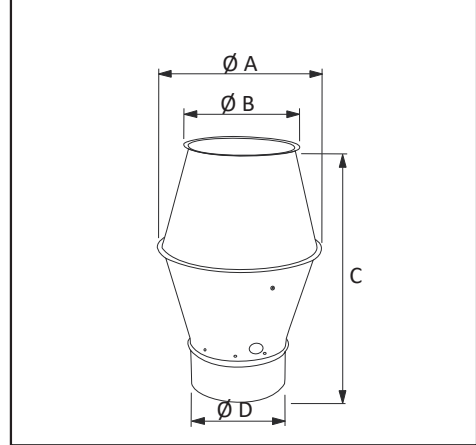
Backdraft damper
ABC-BS



Bottom connection,
circular ABC-ÖG



Bottom connection,
rectangular ABC-BANS



MEASUREMENTS/SIZE

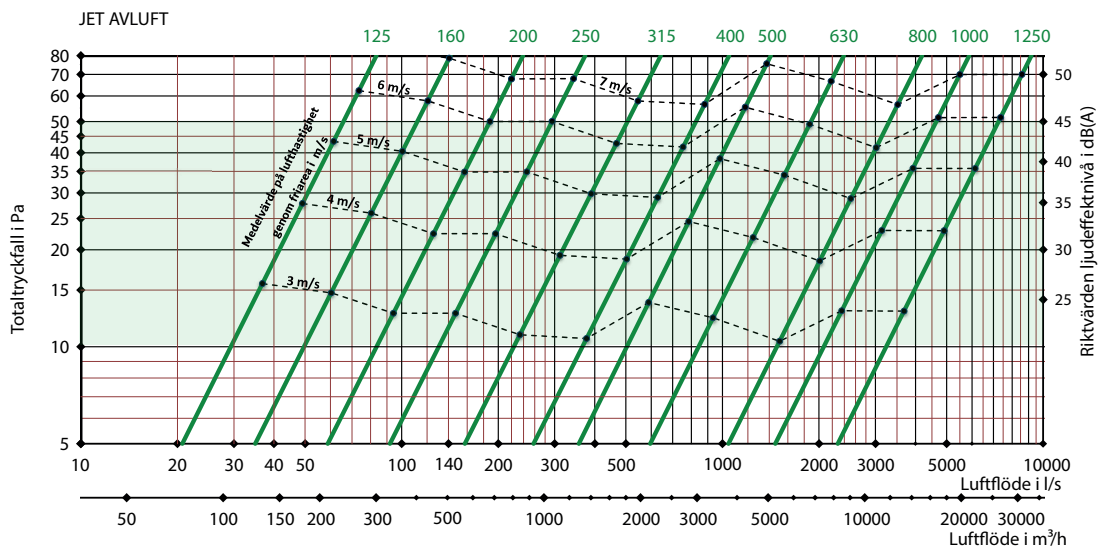
Size ABC-JET	Weight kg	A mm	B mm	C mm	ØD mm socket connection	ABC-TG EI30 ¹	ABC-TG EI60 ²	Size ABC-ÖG DxEx Ød (Dim. refers to TG-EI30)	Size ABC-BP GxH (Dim. refers to TG-EI30)
125	1	220	125	250	125	300	400	300x300 ≤ 200	400x400
160	2	270	160	320	160	300	400	300x300 ≤ 200	400x400
200	3	330	200	400	200	300	400	300x300 ≤ 200	400x400
250	4	420	250	500	250	400	500	400x400 ≤ 250	500x500
315	6	520	315	630	315	400	500	400x400 ≤ 250	500x500
400	15	650	400	800	400	500	600	500x500 ≤ 400	600x600
500	21	820	500	1000	500	600	700	600x600 ≤ 500	700x700
630	38	1020	630	1260	630	700	800	700x700 ≤ 500	800x800
800	57	1280	800	1600	800	900	1000	900x900 ≤ 800	1000x1000
1000	75	1550	1000	1800	1000	1100	1200	1100x1100 ≤ 1000	1200x1200
1250	92	1950	1250	1800	1250	1300	1400	1300x1300 ≤ 1000	1400x1400

¹ Insulation corresponding to fire resistance class EI30.

² Insulation corresponding to fire resistance class EI60.

DIMENSIONS

Specified data are guide values



Distance correction of 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

The green marked area are a good energy choice



Sound and pressure measurements performed by RISE

Installation instructions:

1. ABCs roof hoods are meant to be installed on some sort of roof duct, for example ABC-TG, TGC, TGLD or on already existing roof duct. As an extra safety, ABC-BS can be installed as a return damper between the roof hood and roof duct. The 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. Circular roof hoods require a bottom plate, ABC-BP, this is installed on the roof duct.
3. When the bottom plate is installed so that it covers the frame of the roof duct, the bottom plate is attached with bolt and nut. Fix the bottom plate against the roof duct and drill right trough both the bottom plate and the roof duct.
4. Place the roof hood on the bottom plate and attach it in a suitable way, for example with metal screw. Putty with sealants for outdoor use around the roof hood according to the picture. Roof hoods with bigger sizes is recommended to be attached to the roof with metal wire.

