

ABC-FJ

EXHAUST AIR HOOD

Tip!

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



USE

Square exhaust roof hood for industrial ventilation

DESIGN

ABC-FJ is equipped with an inner cone as rain protection and is manufactured in a design for PG connection, or with a base plate for roof duct or site-built foundation. Lifting points are standard from size 800. Usually manufactured in patented color-coated steel and follows the standard colors of construction sheet metal, but is also available in other materials:

Pre-coated steel in standard colours

Zinc magnesium ZM310

Zinc magnesium ZM120

Aluzinc

Stainless steel

Acid-resistant stainless steel

Titanium zinc

Copper

Aluminium

MAINTENANCE

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

EXAMPLE DESCRIPTIVE TEXT

VVS AMA

QMF.2

Exhaust air hood ABC-FJ by Swegon. Storlek 800. Manufactured in patented color-coated steel.

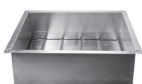
ACCESSORIES



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.



Sound-insulated roof duct ABC-TGLD with internal mineral wool insulation 50 or 100 mm with high density and a cleanable surface finish. Standard length is 800 mm.



Backdraft damper
ABC-BS



Circular connection
ABC-ÖG



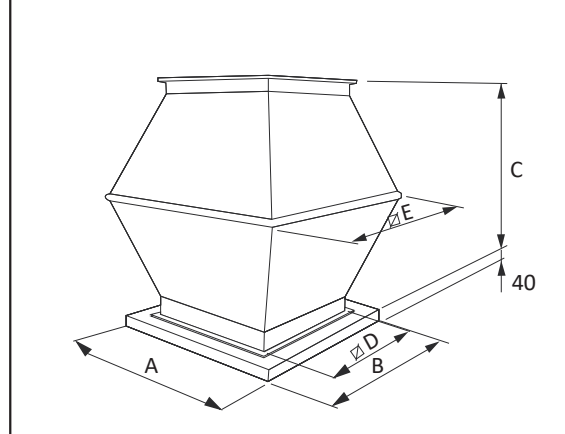
Rectangular
connection
ABC-BANS

SIZE

Size ABC-FJ	Weight ² kg	A/B mm	C mm	D mm	E mm	ABC-TG ¹
200	15	400	500	200	400	300
300	21	500	600	300	500	400
400	27	600	750	400	650	500
500	38	700	900	500	800	600
600	49	800	1050	600	950	700
800	63	1000	1350	800	1250	900
1000	100	1200	1650	1000	1550	1100
1200	147	1400	1950	1200	1850	1300
1400	198	1600	2250	1400	2150	1500
1600	242	1800	2500	1600	2450	1700

¹ Internal mineral wool insulation 50 mm

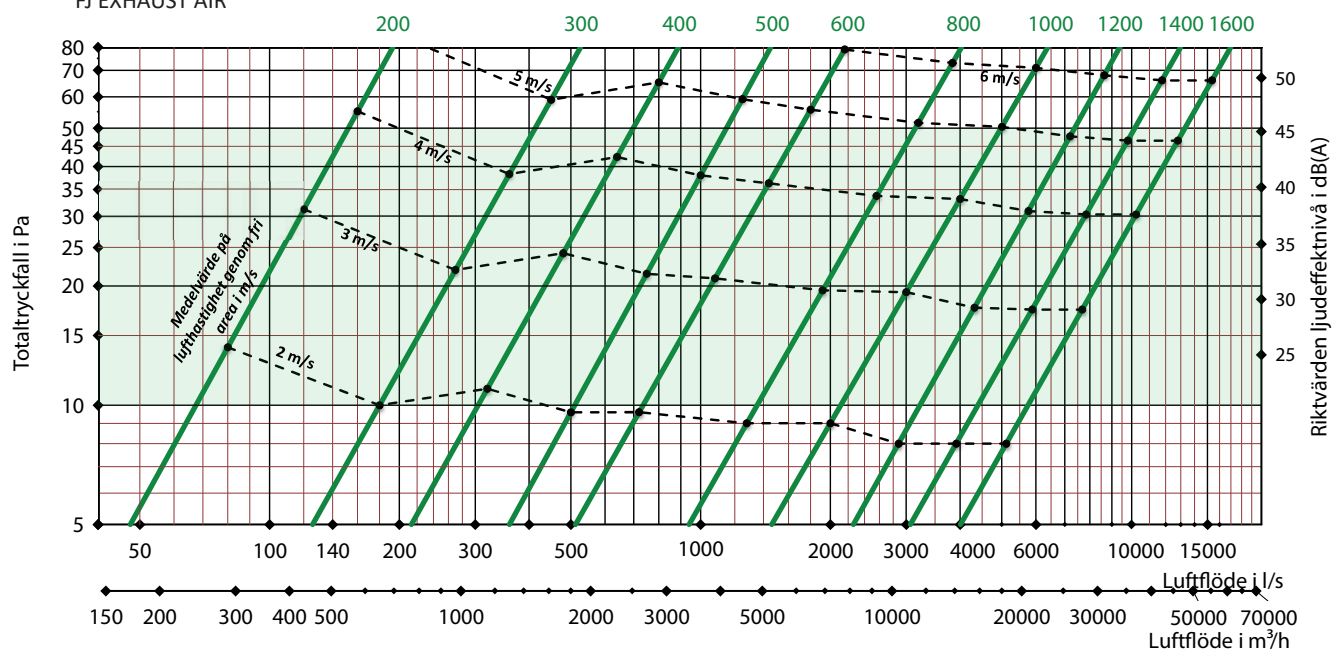
² Weight applies to version in colour-coated steel



DIMENSIONS

Specified data are guide values.

FJ EXHAUST 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.

