

ABC-TREND AH

EXHAUST AIR



- Exhaust air roof hood with very low pressure drop
- Upward air discharge direction
- Manufactured in patented pre-coated steel and also available in other materials
- Lifting lugs are standard from size 800 and above

USE

ABC-TREND AH is an exhaust air hood designed for low pressure drop and high performance.

DESIGN

Square ventilation hood for exhaust air.

Designed with upward air discharge and adapted for comfort ventilation. Typically manufactured in pre-coated steel and available in standard building steel metal colours, but also offered 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

INSTALLATION

During installation, first ensure that the roof hood has no visible external damage.

Make sure the roof hood is properly fastened according to the installation instructions and consider any need for storm protection.

It is recommended to carry out an annual inspection to identify any damage and the need for cleaning, such as removal of debris or leaves from inlet and outlet sections, especially drainage holes. Carry-over of aerosols, powder snow, or ice formation cannot be ruled out under adverse conditions. Before the system is put into operation, the roof hood must be covered to prevent condensation issues.

EXAMPLE SPECIFICATION TEXT

Exhaust air roof hood ABC-TREND AH by Swegon. Size 800. Black, manufactured in pre-coated steel.

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



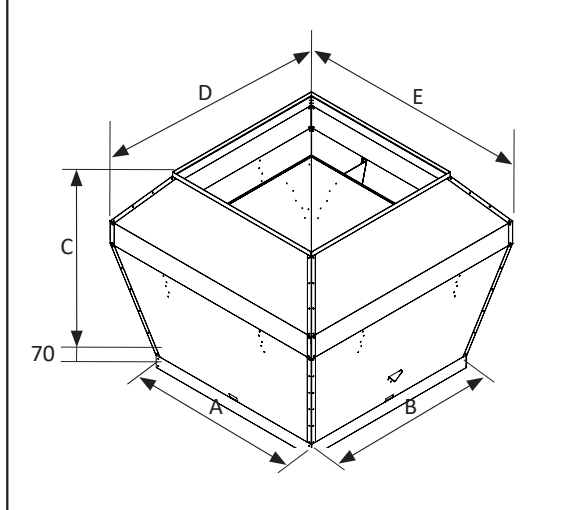
Bottom connection,
rectangular ABC-BANS



Accessories for
increased throw
length

DIMENSIONS

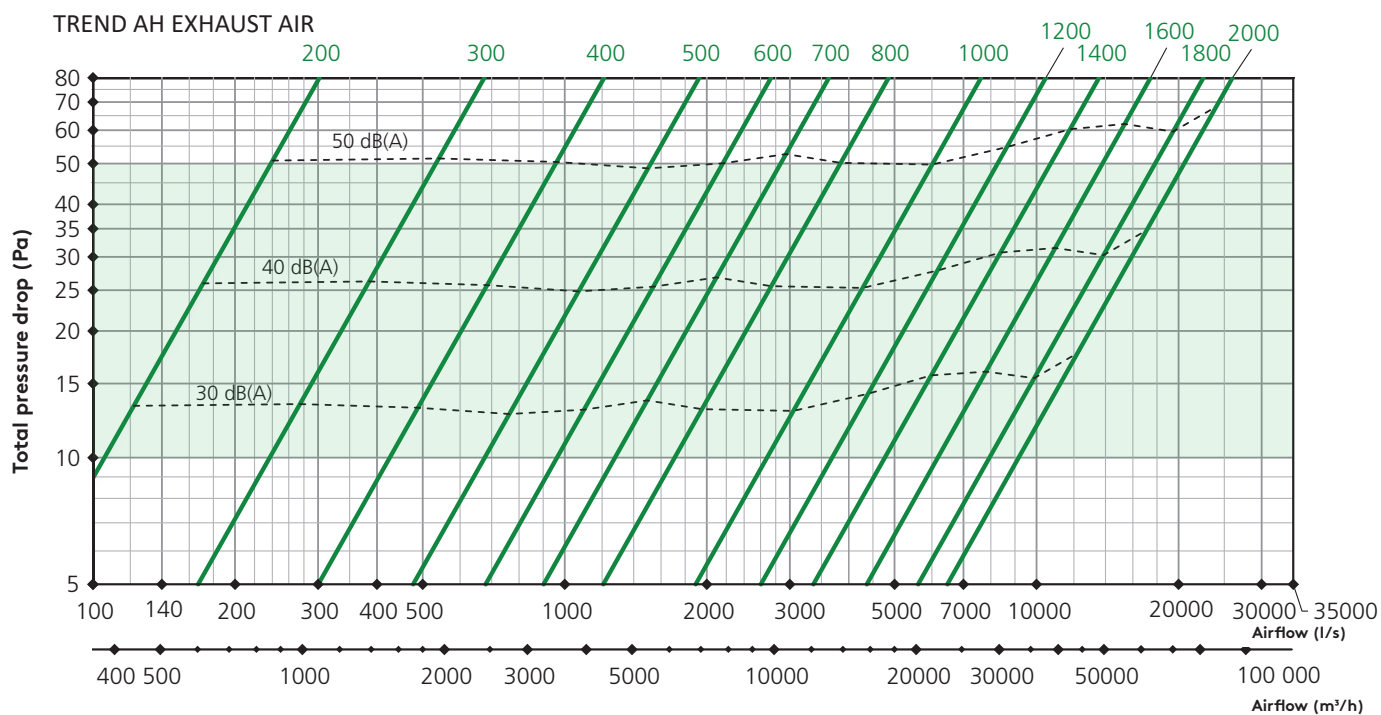
SIZE TREND AH	A mm	B mm	C mm	D mm	E mm	SIZE ABC-TG ¹	Weight kg ²
200	400	400	425	550	550	300	9
300	500	500	525	700	700	400	13
400	600	600	625	800	800	500	17
500	700	700	725	900	900	600	23
600	800	800	825	1050	1050	700	34
700	900	900	925	1225	1225	800	43
800	1000	1000	1025	1300	1300	900	49
1000	1200	1200	1225	1550	1550	1100	69
1200	1400	1400	1425	1800	1800	1300	96
1400	1600	1600	1625	2050	2050	1500	189
1600	1800	1800	1825	2300	2300	1700	214
1800	2000	2000	2025	2600	2600	1900	266
2000	2200	2200	2225	2800	2800	2100	-



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

2 Weight applies to version in pre-coated steel

SELECTION CHART



ABC - Trend exhaust air								
Octave band	63	125	250	500	1000	2000	4000	8000
K_{ok}	12	10	1	-4	-8	-15	-21	-20

Installation

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

When installing combi 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. 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 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.

