

ABC-TREND UH

OUTDOOR AIR



- Outdoor air roof hood with very low pressure drops
- Protected air intake
- Manufactured in patented color-coated steel and also available in other materials
- Integrated lifting points from size 800
- For other colors and materials, contact sales

USE

ABC-TREND UH is an outdoor air roof hood designed for low pressure drop and strong performance.

DESIGN

A square outdoor air roof hood for comfort ventilation. The outdoor air section is protected beneath the hood and equipped with a small-animal-proof wire mesh. It is typically manufactured in patented, colour-coated steel and follows standard building steel metal colours, 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

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

Outdoor air roof hood
ABC-TREND UH 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



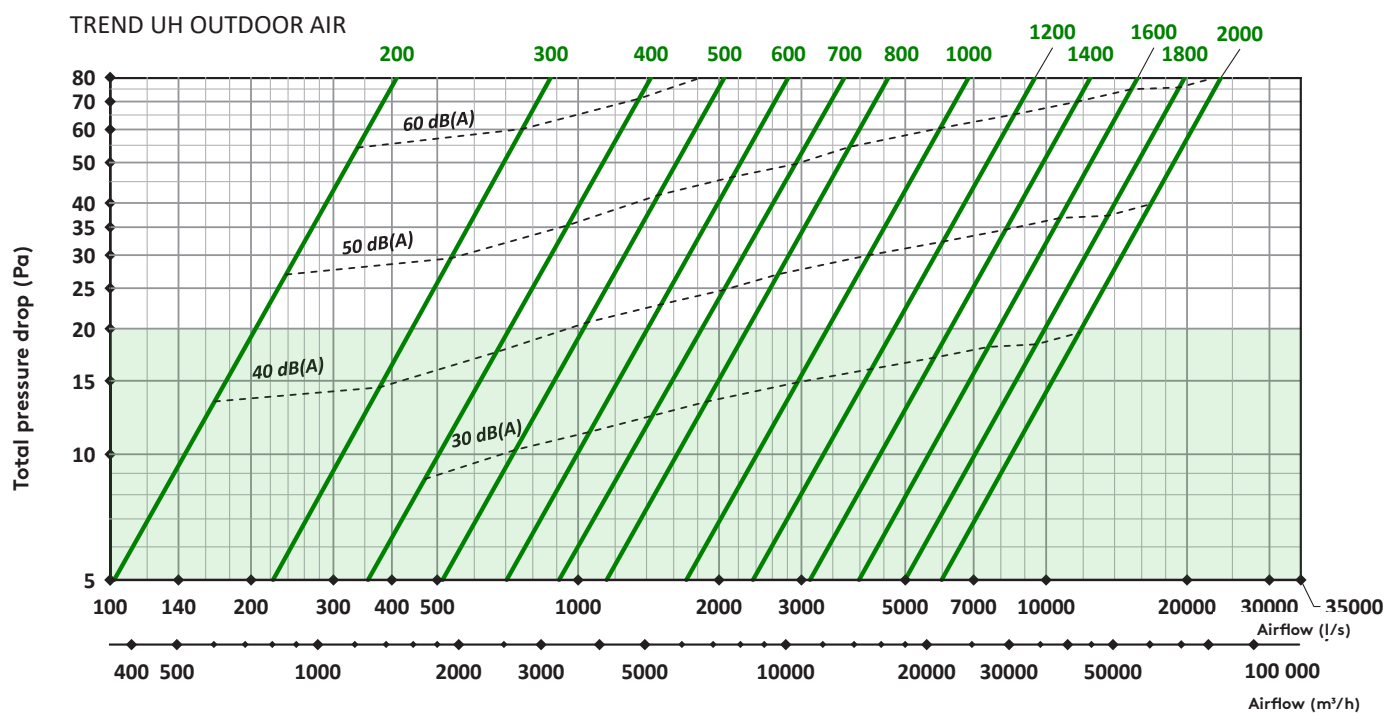
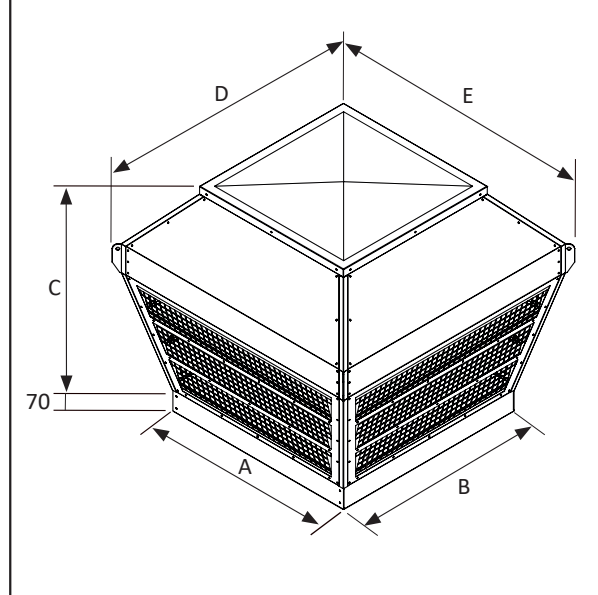
Bottom connection,
rectangular ABC-BANS

MEASUREMENTS/SIZE

Size TREND UH	A mm	B mm	C mm	D mm	E mm	Size ABC-TG ¹	Weight kg ²
200	400	400	400	550	550	300	11
300	500	500	500	700	700	400	17
400	600	600	600	800	800	500	22
500	700	700	700	900	900	600	27
600	800	800	800	1050	1050	700	40
700	900	900	925	1225	1225	800	51
800	1000	1000	1000	1300	1300	900	62
1000	1200	1200	1200	1550	1550	1100	86
1200	1400	1400	1400	1800	1800	1300	104
1400	1600	1600	1600	2050	2050	1500	173
1600	1800	1800	1800	2300	2300	1700	-
1800	2000	2000	2000	2600	2600	1900	
2000	2200	2200	2200	2800	2800	2100	

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

2 Weight applies to version in pre-coated steel



Green highlighted area indicates a good energy choice for low SFP values.

ABC - Trend Outdoor air								
Octave band	63	125	250	500	1000	2000	4000	8000
K _o	3	2	-2	-2	-5	-11	-17	-18

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.

