

FACT SHEET

# AERODYNAMIC ROOF DEVICE

AD-ROOF Roof air deflector



## Air deflector

The air deflector has been developed to suit the cab design, giving low air resistance and reduced energy consumption. It has undergone comprehensive tests in the wind tunnel and on the road to ensure the best possible energy efficiency.

An air deflector reduces air resistance and the energy saving potential is up to 5% depending on air deflector package, cab model, superstructure and equipment.

The air deflector is always painted in the cab colour. See also separate fact sheet for AD-SIDEL and AD-SIDES.

### Air deflector heights

To obtain an aerodynamically optimised truck, and to make sure that the air deflector fits perfectly to the truck and the body, we offer different heights of the air deflectors. After vehicle height and other height-relevant variants such as tyres and chassis height have been specified, the correct height of the air deflector is automatically calculated, taking legal height requirements into consideration.

The various air deflectors are illustrated in the following, on a tractor equipped with a diesel engine. The images are valid for air deflectors for both tractors and rigids as well as for electric trucks, although the appearance of the cab itself may be slightly different.



## ENERGY EFFICIENCY

- Energy consumption reduced by up to 5%.



## ENVIRONMENT

- Improved energy efficiency leads to more environmental friendly vehicles.



## DRIVER APPEAL

- Integrated design.

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### FH extra-high sleeper cab



Volvo FH Aero extra-high sleeper cab, AD-SIDEL, AD-ROOF medium height.



Volvo FH Aero extra-high sleeper cab, AD-SIDEL, AD-ROOF extra-low height.

### FH High Sleeper Cab



Volvo FH Aero High Sleeper Cab, AD-SIDEL, AD-ROOF medium height.



Volvo FH Aero High Sleeper Cab, AD-SIDEL, AD-ROOF low height.



Volvo FH Aero High Sleeper Cab, AD-SIDEL, AD-ROOF extra low height.

### FH Sleeper Cab



Volvo FH Aero Sleeper Cab, AD-SIDES, AD-ROOF high height.



Volvo FH Aero Sleeper Cab, AD-SIDEL, AD-ROOF medium height.



Volvo FH Aero Sleeper Cab, UADSIDE, AD-ROOF medium height.

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### FM High Sleeper Cab



FM High Sleeper Cab, AD-SIDEL, AD-ROOF high height.



FM High Sleeper Cab, AD-SIDES, AD-ROOF high height.

### FM Sleeper Cab and FM Day Cab



FM Sleeper Cab, AD-SIDES, AD-ROOF high height.



FM Day Cab, AD-SIDES, AD-ROOF low height.



FM Day Cab, UADSIDE, AD-ROOF high height.