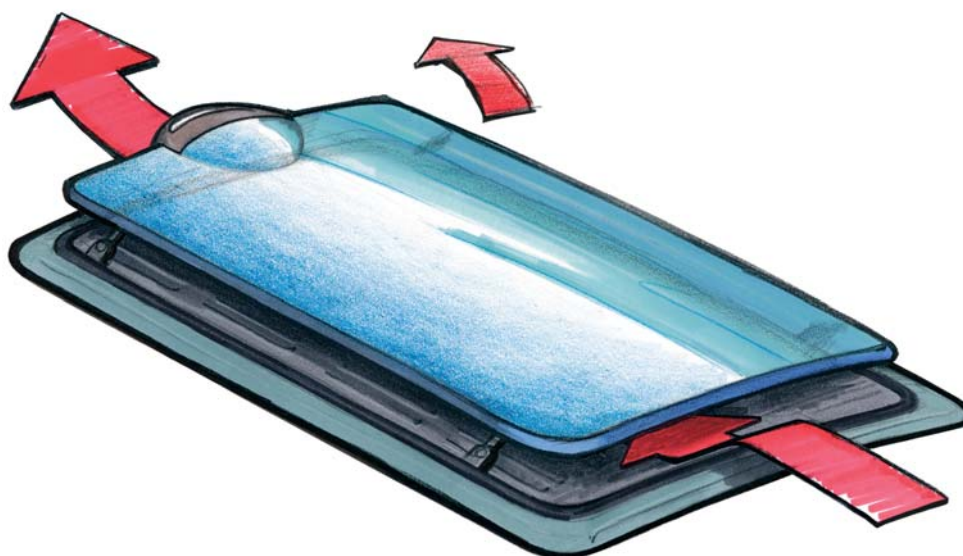




SPHEROS

WEBASTO BUS PRODUCTS



Roof Hatch

Bus Top Premium – The ventilation hatch for city buses

Convenience and safety are the features which have always distinguished Spheros roof hatches for buses from the competition. For the newest generation, particular emphasis has been placed on optimised ventilation. As well as this, the well known emergency exit function is also ensured for the new generation of hatches.

The product benefits of the city bus hatch:

- 40% saving in weight compared with the previous model
- Optimum ventilation
- Easy to install
- Access to vehicle roof ensured (service/maintenance of air-conditioning unit)
- No maintenance
- Prevents serious overheating of the vehicle when stationary (improved lifecycle costs ratio for air-conditioner through reduced load)

The product characteristics of the city bus hatch:

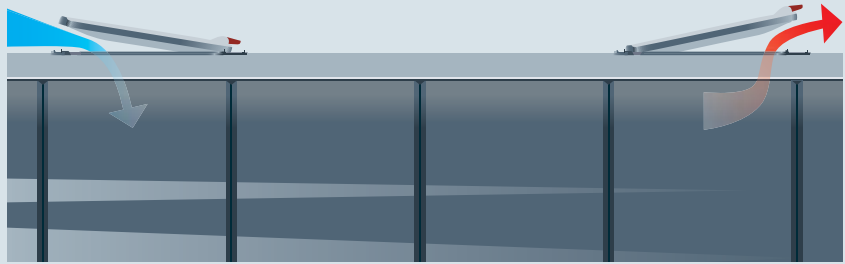
- Enlargement of ventilating cross-section by 25% compared with the previous model
- Installation compatible with previous models
- New maintenance free drive concept within the hatch frame
- Various inside linings to match the individual internal design of the bus
- Combined emergency exit and ventilation hatch; fulfils ECE-R-36 guidelines
- Electric activation as standard function
- Cover has reduced weight, so less demand on opening/closing mechanism
- Optional rain sensor

Outstanding ventilation characteristics result in an optimum internal climate

Whatever the season, with their multiple ventilation settings, Spheros BusTop Premium roof hatches ensure a pleasant climate inside the vehicle.

Fresh air position

During the summer the emphasis is on the supply of fresh air. In this position, BusTop Premium hatches enable an optimum ventilation throughflow and thus ensure an outstanding internal climate.



Stationary position

Particularly on warm days, if the hatches are in this position, the air in the bus is exchanged rapidly and optimally (chimney effect) and a build-up of heat is thus avoided. This also reduces the demand on the air-conditioner and significantly reduces the lifecycle costs.



Diagram: BusTop Premium opened, with internal lining for cover.

Option: Spheros rain sensor

With the Spheros rain sensor, your BusTop Premium roof hatch has intelligence. If rain starts, it closes up to four hatches, and opens them at the latest 15 minutes after the rain ends. This additional cost-effective option is also available as an aftermarket kit.

Technical Data:

Nominal voltage range (V)	Weight (kg)	Dimensions of roof cutout (mm)	External dimensions (mm)	Hatch height when closed (mm)	Extended height (mm)
24	9	970x564	1,000x600	50	55

Spheros Partner