



SPHEROS

Roof Hatch, manual emergency exit hatch

▶ Elexx



Hatches / Fans

Manual Hatch to the Modus City Bus family

Elexx, a new state of the art Roof Hatch, meets the most demanding roof hatch requirements of today: great ventilation capacity (69 mm opening including a hinged door like opening function), FMVSS compatible and ECE approved Emergency Exit and Service Hatch with easy re-latching.

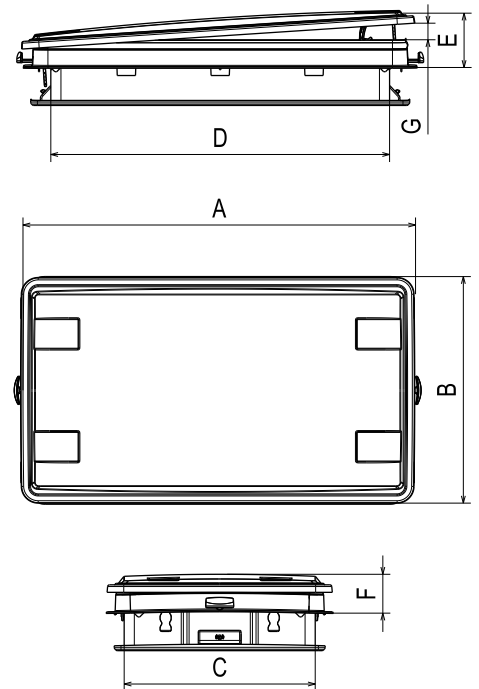
The service function makes it possible to open the hatch like a door due to the clever patented hinged mechanisms. Accessing the roof through a service hatch to maintain the A/C or other devices on the roof cannot be made easier. Since the hatch can be opened like a door, ventilation is way better when the bus is stationary and the hatches are completely open.

The extremely strong, yet light weight composite mechanisms ensure optimal ventilation. As more power is required to open the mechanisms than to close them, they are also more wind resistant than traditional dead-point mechanisms. This ECE and FNVSS approved emergency hatch is light in weight with a total mass of only 9,9 kg. Thanks to the dual wall structure dome the unit has excellent heat and cold insulation. The unit is also completely UV resistant due to the dual-layer outer surface material.

The outer frame has been completely redesigned. To ensure high and even quality, light weight and durability, the outer frame is now made by injection molding. This completely new frame is made hollow to establish a more rigid and light weight product. Mounting by bonding is quick and easy.

Highlights:

- Cut-off size 530 x 970
- Ceiling R > 3000
- Ceiling T = 30 – 90 mm
- Mass basic hatch: 8.7 kg
- Mass inner trim: 1.2 kg
- Three in one unit
- UN ECE R.107 Emergency Exit
- UN ECE R.118 Flammability
- FMVSS-571-217 Emergency exit
- Fast mounting by bonding
- Maximum ventilation 69 mm
- Hinged service hatch
- Maintenance free
- Light weight
- Durable
- Heat, cold insulation, dual shell dome



		A	B	C	D	E	F	G
Technical specifications:	Dimensions of Roof opening (mm)	Length of dome	Width of dome	Inner width	Inner length	Height (open)	Height (closed)	Opening
Elexx	530 x 970	1050	598	510	770	183	94	69