

SEVEN SERIES

COACH / COOL - PLASTIC



Strength, Safety, and Durability for tough conditions

The SEVEN SERIES emergency exit ventilator hatches have been developed to meet the extreme heat and cold and to provide the passengers the maximum safety and the bus operators maintenance free miles for years.

Safety and durability are the key factors in the Seven Series. It meets all the required UN ECE regulations. SMC Dome Top in plastic version is robust and weather proof and tolerates extreme heat and cold conditions. Optional integrated extractor ventilator boosts the air exchange in the vehicle and removes unwanted virus and bacteria easily to make traveling even safer. Air exchange capacity exceeds 250m³/h.

Seven Series is available in glass and plastic versions. Glass version has an integrated patented breaking mechanism (EP 3544690 A1; no hammer), and it is also available with an under cover to filter light and heat. Hatches are available in both manual and electric remote operation versions (24V). The electric hatches can be operated with simple momentary switches or with a dedicated Digital Driver Unit where up to 4 hatches can be controlled with one Driver Unit.

HIGHLIGHTS



Low Life-Cycle Cost

- SEVEN SERIES roof hatches are completely maintenance free
- UV and weather proof materials
- Stiff SMC Dome Top tolerates extreme heat conditions without deforming



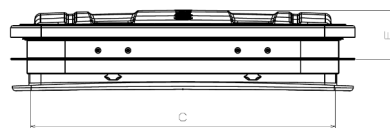
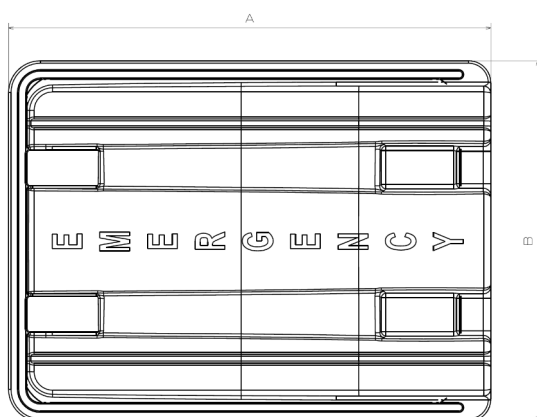
Environmentally friendly

- Optional integrated exhaust ventilator boosts the air exchange
- Ventilates the vehicle while stationary
- Minimizes infection risk
- Saves fuel when cooling the vehicle



Comfort

- Manual or electric remote control
- Optional digital control unit
- Driver unit option for 1-4 hatches
- Integrated fan option for safety and comfort
- Standard momentary rocker switches can be used



TECHNICAL DATA

	Seven Coach	Seven Coach Auto	Seven Cool	Seven Cool Auto
Cut-off (mm)	885 x 675 ⁺² R85	885 x 675 ⁺² R85	885 x 675 ⁺² R85	885 x 675 ⁺² R85
Dome (mm)	(A) 985 x (B) 735	(A) 985 x (B) 735	(A) 985 x (B) 735	(A) 985 x (B) 735
Interior opening (mm)	(C) 650 x (D) 704	(C) 650 x (D) 704	(C) 650 x (D) 704	(C) 650 x (D) 704
Height closed / open (mm)	(F) 105 / (E) 160	(F) 105 / (E) 160	(F) 105 / (E) 160	(F) 105 / (E) 160
Ventilation opening (mm)	(G) 33	(G) 33	(G) 33	(G) 33
Weight Hatch (kg)	12.50	14.00	13.80	15.30
Weight inner trim (kg)	≈ 2.00 / T=50	≈ 2.00 / T=50	≈ 2.00 / T=50	≈ 2.00 / T=50
Operation Voltage (V)	(-)	24	Fan 24	24 / Fan 24
Control unit	(-)	Optional digital control (DHC)	(-)	Optional digital control (DHC)
Fuse (A)	(-)	5A	(-)	5A
Emergency Exit approval	UN ECE R.107r6	UN ECE R.107r6	UN ECE R.107r6	UN ECE R.107r6
Flammability approval	UN ECE R.118.03	UN ECE R.118.03	UN ECE R.118.03	UN ECE R.118.03
EMC approval	(-)	UN ECE R10.05	UN ECE R.10.05	UN ECE R.10.05
Ventilator Fan m³/h	(-)	(-)	250	250