



**When survival is on the line, always pick the reliability choice.**

# SHELTER TYPE NBC FILTRATION SYSTEM



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Shelter Type NBC Filtration System is ergonomically designed in accordance with standard MIL-STD-1472 and manufactured in accordance with standards such as NATO AEP-54, MIL-STD-810 and MIL-STD-461 requirements by NERO engineers .

Shelter Type NBC Filtration System with an air flow rate of 60m<sup>3</sup>/h (35cfm)(it can be customized per requests), adjustable filtered clean air is transmitted to each user in the vehicle with masks connected to separate lines, ensuring the protection of personnel from chemical, biological, radiological and nuclear threats. The Gas and Particulate filters in the system are designed to be easily disassembled and mounted, thus providing maximum speed in the war zone area.

### TECHNICAL SPECIFICATIONS

Air Flow Rate	60m <sup>3</sup> /h (35cfm)
Operating Temperature	-32°C — +49°C
Storage Temperature	-40°C — +63°C
Operating Voltage	28V DC
Current	Max. 7,5A @ 24V DC
Weight	~25kg
Dimensions	383 x 455 x 506 mm (Width x Depth x Height)
Filters	HEPA filter for particule filtration Active carbon filter for gas filtration
Number of personnel that can be protected by the system	7 (opsiyonel)



Showing the difference between external pressure and internal pressure on the screen, it gives pressure information. External pressure info is delivered to the sensor within the unit via pneumatic hose and it shows the difference with internal pressure on the screen. It gives audio and visual warning under the adjusted pressure value. It has black out mode, alarm muting, built-in test features. Requested pressure difference warning can be adjusted manually.

It gives error when pressure difference is below the adjusted value.	Shelf life: 10 years
High pressure is blown out the valve by the help of blast valve	Voltage Info: 16 – 32 VDC
Pressure measurement has analog indicator	Filtration Air Flow Rate: 80m <sup>3</sup> /h
As filtration mode and ventilation mode	Number of personnel to be protected: 4-12 Personnel
It can be used on 2 modes	Max. Operation Height is 3000 meters
Front Filter: is used for Coarse-Dust filtration	Operation Temperature -30°C / +55°C
Particle Filtration 99.97%	Storage Temperature -40°C / +71°C
Carbon Filtration: is used for Gas Filtration	