



PF-90

Automatic Activation Pyrotechnic Type CBRN Filtration System



PF-90 PYROTECHNIC TYPE CBRN FILTRATION SYSTEM

- Thanks to the innovative, patented design made by Nero, the combat filter can always be installed in the system without the need for a peace filter. Filter life will not be shortened with special seal technology. In the event of a CBRN threat, the pyrotechnic igniters will be activated and the seal will be disintegrated by pressing just one button on the control box. After this moment, only filtered air will enter the vehicle.
- CBRN systems can be used against mass destruction weapons, biological weapons, industrial accidents and leakage
- Double stage filtration systems are being used in CBRN systems. Hepa Filter : Filters particles bigger than 0,3 micron
- Active Carbon Filter : Used for filtration of Sarin, Mustard, Capsicine, Chlorine, Tabun, Soman and Vx type poisonous gases.
- CBRN filtration systems design is based on Allied Engineering protocol.
- It has been tested and approved in the internationally valid TNO laboratory.

TECHNICAL SPECIFICATIONS

Air Flow Rate	90m ³ /h (47cfm)
Filter Efficiency	% 99.97 / 99.97
Operating Temperature	-32°C — +49°C
Storage Temperature	-40°C — +63°C
Weight	12 ± 0,5 kg
Dimensions	270 x 424 mm (Diameter x Height)
Filters	HEPA filter for particule filtration Active carbon filter for gas filtration
Number of personnel that can be protected by the system	10
Approves	TNO

MIL-STD-810

- Low Temperature Storage
- Low Temperature Operation
- High Temperature Storage
- High Temperature Operation
- Low Pressure(Altitude)
- Vibration AECTP-400 Ed.3, Figure B-4)
- Shock (Procedure I, Functional Shock)
- * Shock Time: TD= 11ms
- * Max. Acceleration: TP= 40g
- * Shock Profile: Saw tooth
- Humidity



RAL6071
 RAL6019
 FS 33245
 RAL 9010
 RAL 6031

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