



# CV-90 COMPATIBLE CBRN GAS FILTER



## PF-90 PYROTECHNIC TYPE KBRN FILTRATION SYSTEM

Nero Defense CBRN Composite Filter at NATO standard AEP54 provides protection against many toxic industrial chemicals as well as known chemical and biological warfare agents designed to completely with the performance specifications outlined in detail. Double-stage filtration systems are used in CBRN filtration systems. Hepa Filter; Filters particles larger than 0.3 micron. 99.997% filtration is provided by using activated carbon. It has been tested and approved in the internally valid TNO laboratory. Out of CBRN attack usage, peace filter is provided in order to extend gas filter's lifetime.

### TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
Air Flow Rate	170 m <sup>3</sup> /h (100 cfm)
Filter Efficiency	% 99.97 / 99.97
Operating Temperature	-32°C — +49°C
Storage Temperature	-40°C — +63°C
Weight	17 ± 0,5 kg
Dimensions	325 x 370 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, Figür B-4)
- Shock ( Prosedür I, Fonksiyonel Şok )
  - \* Shock Time: TD= 11ms
  - \* Max. Accelaration: TP= 40g
  - \* Shock Profile: Saw tooth
  - Humidity

