



ADVANTAGES

- Individual certificate
- Proven product, the factory controlled characteristics of which are maintained after handling and transportation
- Parameters integrated into internal software for customer simulation
- High efficiency filter for safety and protection uses
- Individual test of the leak rate

Application	Defense, civil and military protection, airport, embassy, defense OEM (vehicals, shelters)
Frame	Stainless steel;Steel, painted
Gasket	½ round 15 mm moulded neoprene foam
Comment	Media: 50 mm (2 inch) bed depth of chromium-free impregnated activated carbon; vibrated and tamped to meet leakage requirements Gas to trap: War toxic gases (HCN, ClCN, CCl3NO2,...) Impregnate: Specific Particle size: 12 x 30 US Mesh per ASTM E11-87 (% mass > 12 mesh (2.36mm): max 5; % mass < 30 mesh (1.18mm): max 5) Relative Humidity: 90% - in case of radioiodines treatment RH <40% Temperature: 80°C maximum in continues Adsorbent volume (liters): full size 65 liters +/- 40 kg - half size 32,5 liters +/- 20 kg Controls: Individual test run for leakages (< 2,5 x 10 ⁻⁴) and pressure drop

Type	Target contaminant	Dimensions WxHxD (mm)	Airflow/pressure drop (m ³ /h/Pa)	Weight (kg)	Optimum RH (%)
ActiCarb ABEK	War gas	610x610x292	1200/200	78	≤ 90
ActiCarb ABEK	War gas	305x610x292	600/200	43	≤ 90
ActiCarb ABEK	War gas	610x610x292	500/420	78	≤ 90
ActiCarb ABEK	War gas	305x610x292	250/420	43	≤ 90

* optimal Airflow/pressure drop to obtain a contact time of 0,2 sec.