



Advantages

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

Application: Defense, civil and military protection, airport, embassy, defense OEM (vehicals, shelters)

Type: Vee Cell Module

Gasket: ½ round 15 mm moulded neoprene foam

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

Art. No.	Model Name	Material	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /h/Pa)	Weight (kg)
1606.40.20	ActiCarb ABEK	Galvanised steel	610x610x292	1200*/200	78
1606.50.20	ActiCarb ABEK	Stainless steel	610x610x292	1200*/200	78
1625.40.20	ActiCarb ABEK	Galvanised steel	305x610x292	600*/200	43
1625.50.20	ActiCarb ABEK	Stainless steel	305x610x292	600*/200	43

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