



Advantages

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

Application: Nuclear or other chemical industries to capture Hydrogen Fluoride

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 Adsorbent: KOH (7%)

Gases to trap: Acid gases (HF, HCl, HNO₂, SO₂...)

Impregnation: KOM

Particle size: 2 mm extruded

Relative Humidity: < 90%

Temperature: 80°C maximum in continues

Adsorbent volume (liters): full size 65 liters +/- 37 kg · half size 32,5 liters +/- 16 kg

Controls: Individual test run for leakages (< 2,5 x 10⁻⁴) and pressure drop

Model Name	Material	Dimensions WxHxD (mm)	Air Flow/pressure drop (m ³ /h/Pa)	Weight (kg)
ActiCarb - Acid	Galvanised steel	610x610x292	1200*/200	78
ActiCarb - Acid	Stainless steel	610x610x292	1200*/200	78
ActiCarb - Acid	Galvanised steel	305x610x292	600*/200	43
ActiCarb - Acid	Stainless steel	305x610x292	600*/200	43

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