



ADVANTAGES

- 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
- Individual certificate

Application Nuclear or other chemical industries to capture Hydrogen Fluoride

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 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

| Type | Target contaminant | Dimensions WxHxD (mm) | Airflow/pressure drop (m ³ /h/Pa) | Weight (kg) | Optimum RH (%) |
|---------------|--------------------|-----------------------|--|-------------|----------------|
| ActiCarb Acid | Acid gas | 305x610x292 | 600/200 | 43 | ≤ 90 |
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* optimal Airflow/pressure drop to obtain a contact time of 0,2 sec