

Industrial
filters

Elektravägen 53
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www.mellifiq.com

AirKarb 700-4000

Our industrial filters are used in a wide range of applications. We carefully select the best-suited high-performance carbon, or catalytic media, for each application. Eg. when H₂S is the cause of the problem, we select specially prepared impregnated activated carbon, while we use our tailor-made catalytic material (RubiCat™) for desulfurization in biogas applications.



Material

| | |
|------------|---------------|
| Hull | GRP |
| Lining | Vinyl ester |
| Gasket | CR (neoprene) |
| Bolts | AISI 316 |
| Air inlet | PVC |
| Air outlet | PVC |
| Drain | PVC |

Features

- Specially designed for odor control
- Very high efficiency
- Better than 99% odor removal
- Low pressure drop



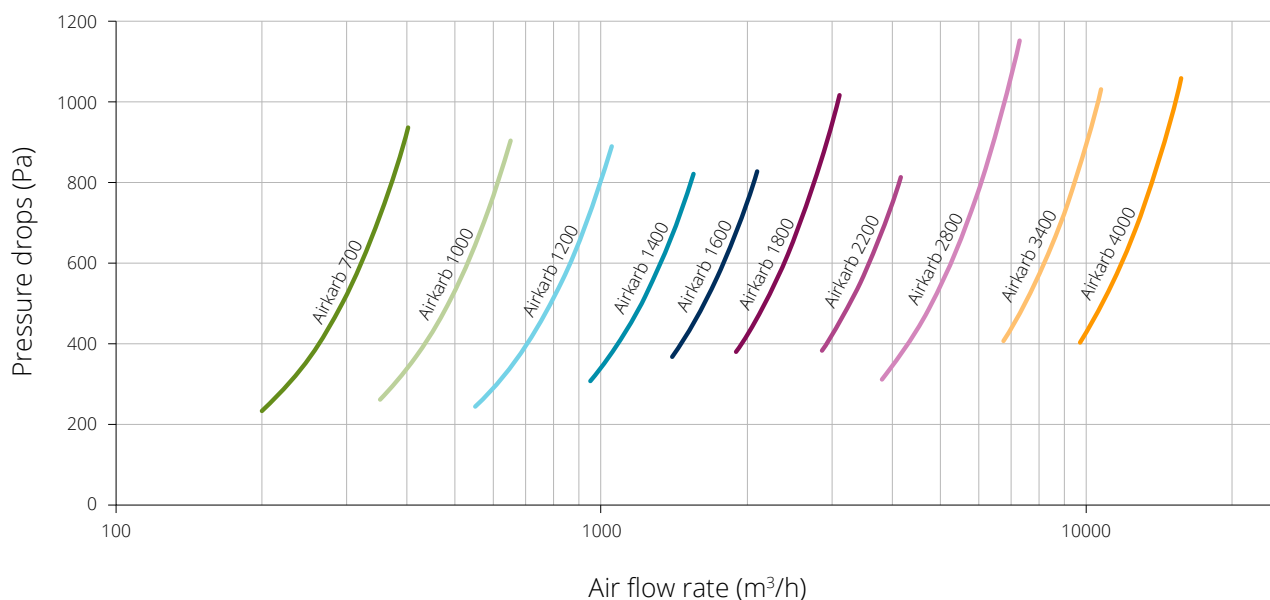
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Industrial filters

Technical specifications

| Product | Airflow (m ³ /h) | Pressure drops (Pa) | Carbon weight (kg) | Connection Ø (mm) | Size W x D x H (mm) |
|--------------|-----------------------------|---------------------|--------------------|-------------------|-----------------------|
| AirKarb 700 | 200–350 | 300–650 | 75 | 125 | 900 x 850 x 1,400 |
| AirKarb 1000 | 350–600 | 300–650 | 150 | 160 | 1,200 x 1,100 x 1,500 |
| AirKarb 1200 | 600–1,000 | 350–700 | 225 | 250 | 1,500 x 1,400 x 1,600 |
| AirKarb 1400 | 1,000–1,500 | 400–700 | 300 | 250 | 1,700 x 1,400 x 1,700 |
| AirKarb 1600 | 1,500–2,000 | 450–700 | 425 | 315 | 2,000 x 1,700 x 1,900 |
| AirKarb 1800 | 2,000–3,000 | 450–900 | 550 | 400 | 2,300 x 1,900 x 2,100 |
| AirKarb 2200 | 3,000–4,000 | 450–750 | 900 | 400 | 2,600 x 2,400 x 2,200 |
| AirKarb 2800 | 4,000–7,000 | 400–900 | 1,250 | 500 | 3,100 x 2,800 x 2,300 |
| AirKarb 3400 | 7,000–10,000 | 500–850 | 2,000 | 630 | 3,800 x 3,500 x 2,500 |
| AirKarb 4000 | 10,000–15,000 | 500–900 | 2,500 | 800 | 4,300 x 4,000 x 2,500 |



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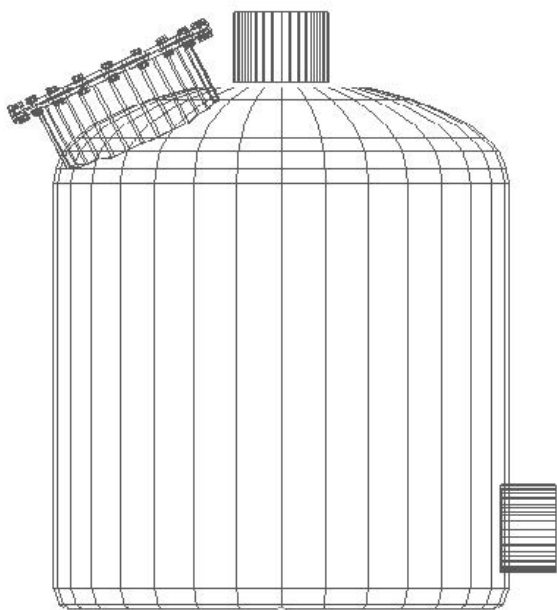


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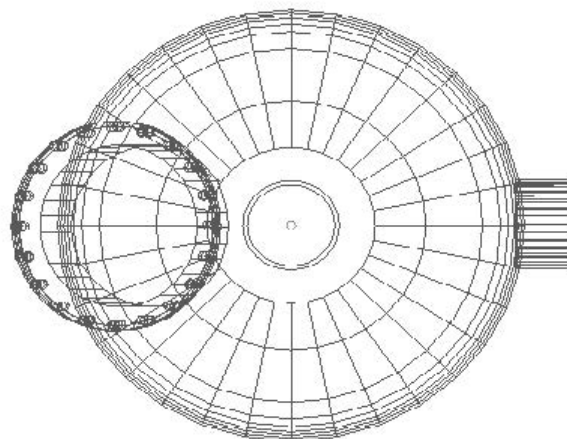
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Side view



Top view



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