

## FILTER SYSTEMS MADE BY BAUER

## NO COMPROMISE REGARDING SAFETY !

### Safety starts with processing quality.

BAUER manufactures **filter housings** only from costly **special aluminium alloy** or **tempered high-alloy steel**. This guarantees that the filter housings survive the **highest** of **pressures** up to 500 bar with tens of **thousands** of **filling cycles**.

Starting from the raw material up to the final filter housing the **manufacturing process** is subject to **perfect control** supervised by TÜV and **documented** with **stamped material-** and **production numbers**.



*Production- and material numbers guarantee a perfect production control*

### Your life is at risk with fake cartridges!

Only **original cartridges** made by BAUER guarantee that **oil, humidity** or **hydrocarbons** in the compressed air are **completely removed**. The **limiting values** of BAUER filter systems comply with and exceed **all major national** and **international standards** such as DIN EN 12021 and medical air acc. to European

Pharmacy Requirements. **Only** the most appropriate **filter media** of the **highest quality** are used.

In the BAUER Testing- and Research Centre the **composition** for the **respective application** is calculated, optimized and **extensively tested**.

### Those who buy cheap, buy expensive!

**Self-filling** is not only **dangerous** but **uneconomical**.

To achieve a **germfree** and **unsaturated** condition, a filter cartridge can only be filled under industrial production conditions. The **balance** of carbon and molecular sieve of BAUER original cartridges is **adjusted perfectly**. **Mechanical filling** guarantees **exact dosing** and **piling** to create the perfect cross-flow of the cartridge for **optimum air purification**.

After filling the cartridges are vacuumized and the density is checked.

**Self-filled** and **replacement cartridges** from **uncontrolled sources** threaten your **health** not only creating poor filter performance and icing of the breathing regulator, but also producing **corrosion**, which will rapidly **ruin** the **equipment**.



*Final separator assembly at BAUER*



*The quality seal of an original BAUER cartridge stands for purest breathing air*

