

Fact Sheet

Sauer Breathing Air Filling Station

Burst-proof filling station for the safe filling of breathing air cylinders on naval vessels. Specifically designed according to military standards and ready for approval according to all established shock standards.

- Safe filling of breathing air cylinders
- Complete protection in case of bursting cylinders
- For use on naval vessels, but also for professional fire brigades or divers
- Compatible with SCBA and SCUBA cylinders
- Sauer approved equipment for centralised high pressure air systems



	2-fold version	3-fold version
Total number of cylinder connections	Two cylinders* can always be filled in parallel Variant 1: 2 x DIN 300 barg and 2 x DIN 200 barg, switchable Variant 2: 2 x DIN 200 barg Variant 3: 2 x DIN 300 barg	Three cylinders* can always be filled in parallel Variant 1: 3 x DIN 300 barg and 3 x DIN 200 barg, switchable Variant 2: 3 x DIN 200 barg Variant 3: 3 x DIN 300 barg
Max. inlet pressure	350 barg	
Operating temperature	+5 to +45 °C	
Medium	Breathing Air	

*Cylinders are not included in the BAFS

Scope of supply:

- Adjustable throttle valve for filling time regulation
- Adjustable pressure regulators for filling pressure adjustment
- Main shutoff solenoid valve
- System pressure gauge
- Filling pressure gauge(s)
- Self-venting lever filling valves for each outlet
- Emergency-stop
- Start/Stop buttons with integrated control lamp
- Lock control lamp
- 2 safety switches for securing the locking device
- Flexible hose for air inlet
- In acc. with NFPA 1901 (National Fire Protection Association Standard for Automotive Fire Apparatus)
- In acc. with requirements for Shockproof acc. to RINA, Grade A (unit remain operational during and after shock)

Optional:

- Shock requirements as per German BV043, Mil-Std 901D, BR3021, STANAG 4142
- Shock tests and certifications according to order