External Filling Panels

Models:

4 filling connectors | 6 filling connectors | 10 filling connectors

- **Filling panel for wall mounting**
- **Enables filling operation to be separated from compressor**
- **Hose or direct connections**
- **External B-CONTROL display available**

External filling panel with remote operating panel (option)

The external filling panel can be wall-mounted as a separate filling unit. It can be used with a remote control unit and installed in a separate room.

Filling valves are produced from high pressure-resistant brass for ultra-high resistance to global variations in climate.
The lever filling valve has a silencer to ensure optimum occupational safety for the operator. Non-return functions in the filling valves prevent damage or injury from hose whip if the filling valve is opened by mistake.
The number of filling valves selected should depend on the output of the compressor supplying the system, which determines cylinder filling time. Each pressure range has a safety valve.

The Filling panel with pressure reducer enables cylinders with differing pressures to be filled simultaneously.

External filling panels can be used as accessories for all breathing air compressor systems. Custom solutions are available on request.

TECHNICAL SPECIFICATIONS

Filling connections	Dimensions (L x W x H) mm	Weight
	mm	kg
4 filling connectors	1140 × 138 × 183	Depends on model
6 filling connectors	1200 × 138 × 183	Depends on model
10 filling connectors	1120 × 352 × 370	Approx. 33 kg

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External Filling Panels

SCOPE OF DELIVERY:

Filling panel with:

- Direct filling connection or hose connection

  One or two pressure ranges PN200 and/or PN300 (second pressure range has a pressure reducer for permanent activation)
- 4, 6 or 10 filling connections
- All components tested for high-pressure operation
- Flush valve prevents excessive CO_2 levels in compressed breathing air
- CE Mark

OPTIONAL:

Integrated remote operating panels for remote on/off compressor system operation

Remote operating panels can be used to activate / shut down the compressor system. If a fault develops a warning lamp is illuminated and the compressor is shut down. In systems with compressors fitted with B-SECURUS filter monitoring system, a warning lamp indicates when the filter cartridge is saturated and must be replaced.
An operating indicator lamp also displays the current status of the compressor.

Remote operating panels:

- B-CONTROL 79055 Operating Panel:

  For remote operation of B-CONTROL MICRO and B-CONTROL II

- BHW 075605 Operating Panel:

  For remote operation of hard-wired control units e.g. MARINER (cannot be used with PE-TE or PE-HE systems)

- BHW 075606 Operating Panel:

  With SECURUS warning lamp, for remote operation of hard-wired control units e.g. MARINER (cannot be used with PE-TE or PE-HE systems)

Remote operating panels are supplied with 5-m connection cable. The operating panel is designed for wall mounting or can be integrated into the filling panel if required.

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External Filling Panels

External B-CONTROL Display

B-CONTROL MICRO external display unit

With a remote B-CONTROL display, remote operation of the compressor is possible with displays and functions identical to those on the compressor itself. The external display is integrated into a housing designed for wall mounting.

Communication with the compressor via:

- B-CONTROL MICRO: via CAN bus
  (Data transmission and power supply)
- B-CONTROL II: via Ethernet (data transmission),
  power supply via separate cable from the compressor

FURTHER OPTIONS:

- Stainless steel filling panels
- Flow limiter (e.g. to 30 bar/min)
- Filling valves with check valve
- Angled filling valves with 90° connector

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Relevant EC Directives (where applicable)

- EC Machinery Directive (2006/42/EC)
- EC Pressure Equipment Directive (97/23/EC)
- EC Low Voltage Directive 2006/95/EC
- EC Electromagnetic Compatibility (EMC) 2004/108/EC

Applied national standards and technical specifications, in particular

- Betriebssicherheitsverordnung (German Industrial Safety Regulation) of 27 September 2002
- AD 2000
- Technische Regeln Druckgase (TRG; **Technical Regulations for Compressed Gases**):TRG 400, 401, 402 (w/o permanent premises) and TRG 790
- Unfallverhütungsvorschrift (BGR; German Accident Prevention Regulations) BGR 500
- All BAUER filter housings are designed, manufactured and tested in line with Accident Prevention Regulations and regulations under AD-2000 provisions and DGRL97/23EG.

Documentation:	1x operating manual and parts list with exploded view drawing on DVD
Design:	In line with the state of the art according to DIN, VDE, TÜV and Accident Prevention regulations
Testing:	In line with Bauer Standard as per DIN EN 10204 - 3.1B

Otherwise the **General Terms and Conditions of** BAUER KOMPRESSOREN (AGB) in the version valid at the time of contract conclusion apply. These Terms & Conditions can be viewed and downloaded at the website www.bauer-kompressoren.com, or sent by BAUER on request.

All information is given without assumption of liability and subject to technical changes.

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