

BEVERAGE SYSTEMS BMF-18 COMPACT

PRIVATBRAUEREI GANTER, CAPACITY 100 HL/H

CASE STUDY



FAST FACTS

Location
Freiburg, Germany

Capacity
100 hl/h

Start-up
May 2012

BACKGROUND

Founded in 1865, Ganter is a private mid-size brewery with a diversified beer portfolio. When confronted with reduced beer consumption and strong competition in recent years, Ganter decided to modernize its brewery. Therefore, Ganter replaced the existing kieselguhr filter with Pentair's BMF-18 Compact filter in a newly built cold block supplied by Pentair Südmo. The BMF-18 Compact's pre-assembled, pre-tested system design allowed quick filter replacement.

After the upgrade, the brewery significantly lowered production costs due to reduced water and energy consumption while profiting from the high grade of automation and the system's flexibility to filter different types of beer with a consistent quality. Detlef Frankenberger, Managing Director at Ganter, confirms: "For us, as a mid-sized brewery, Pentair's BMF-18 Compact offers the ideal, 'ready-to-install' solution."

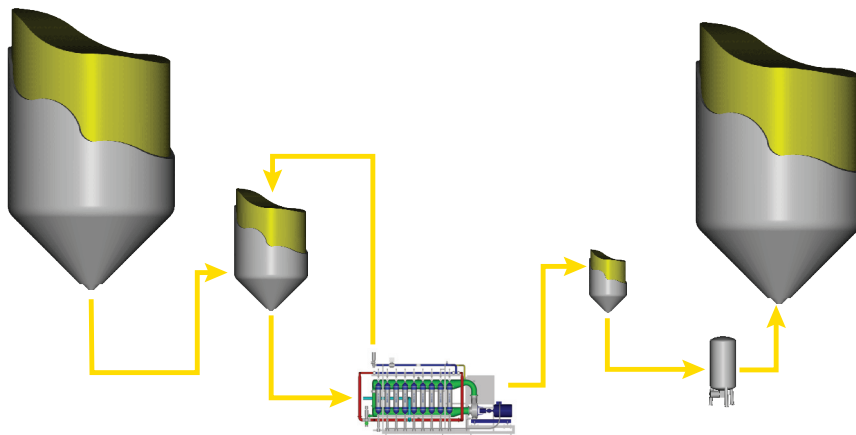
BMF SOLUTION

BMF-18 Compact is a turnkey, standardized BMF system for mid-size breweries that is based on Pentair's proven BMF-18 technology. The entire BMF-18 Compact is pre-mounted as a stand-alone, containerized unit and fully tested prior to installation. This leads to a significant CAPEX reduction and a very short commissioning period.

The first filtered beer is available in one week after start-up. During operation, the BMF-18 Compact requires limited manual labor as the main process steps are fully automated.

SCOPE OF SUPPLY

- BMF-18 Compact
 - 18 x S-14 beer membrane modules
 - Unfiltered beer tank
 - Security filter
 - Pressure shock absorber
 - CIP installation
- Pentair Südmo valves
- Cold Block re-engineering by Pentair Südmo
 - Swing bend panel and piping
 - Deaeration water plant
 - CIP set
- Commissioning & training on-site



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