

# SECUROX® BF

Filter cartridge housing



For particle and final filtration of beer  
after precoat filters

- Two chamber design
- Safe particle retention
- Efficient backwash



Inlet and outlet connections

### Characteristics

The SECUROX® BF is a high precision stainless steel filter housing for filter cartridges, designed and manufactured especially for the brewing industry.

The enclosed system allows high capacity filtration with no drip loss. Its unique two chamber design allows an efficient cleaning of the cartridges at the end of the filtration cycle.

### Applications

SECUROX® BF series filters are especially designed to be integrated within automated beer filtration lines. Their construction guarantees long service life of both filter media and equipment for heavy duty use in a industrial 24/7 operation. The technology is designed for high service life of filter media and equipment.

Its high filtration performance, top manufacturing quality and comprehensive set of certificates meet the high standards of the brewing industry.

### Advantages of the SECUROX® BF – cartridge system

- two chamber-system for optimized cleaning procedure
- vertical construction
- small volume of unit
- adaptable to desired performance with possibility to add filter area
- short regeneration and sterilization cycles
- easy replacement of the cartridges
- perforated plate to accommodate standard filter cartridges with bayonet adapter and double o-ring
- also available as compact, movable system. Custom design versions for the pre-, final and sterile filtration

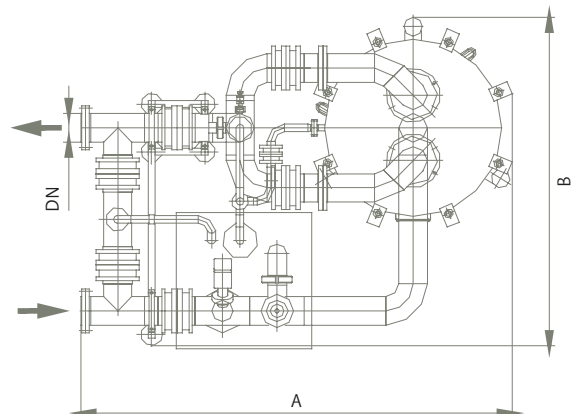
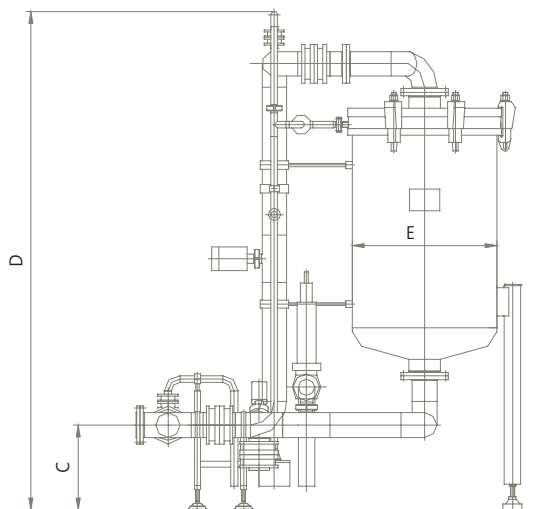
### Options

The typical setup requires gauges and valves, as well as a check valve. SECUROX® BF is available in many options:

- Connections can be triclamp (sanitary), or dairy (DIN).
- Gaskets: EPDM (standard), silicone, viton® or teflon® encapsuled.

## Technical data, variation A

SECUROX® BF	30/10	40/14	40/20	60/32	60/46	
Max. operating pressure	7	7	7	7	7	bar
Max. operating temperature	100	100	100	100	100	°C
Volume of filter – without pipe system	70	152	152	275	275	l
Weight of perforated plate – with cartridges	40	56	56	103	103	kg
Number of cartridges	10	14	20	32	46	pcs
Material quality filter	316 L	316 L	316 L	316 L	316 L	
Material quality gaskets	EPDM	EPDM	EPDM	EPDM	EPDM	
Material quality pipe system, valves, etc.	1.4301	1.4301	1.4301	1.4301	1.4301	
	Option 316 L					
A	1190	1430	1430	1825	1825	mm
B	910	1130	1130	1450	1450	mm
C	360	360	360	360	360	mm
D	1840	1955	1955	2110	2110	mm
E	324	450	450	610	610	mm
DN	65	65 / 80 / 100		100 / 125		mm



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## Bucher Unipektin, Competence Center Filtration – Let's be clear!

**Bucher Unipektin, Competence Center Filtration**, is the world leading manufacturer of turn-key filtration systems for the beverage industries. Apart from the well-known candle filter for the pre-coat filtration with kieselguhr and PVPP, **Bucher Unipektin, Competence Center Filtration**, also develops, designs, and manufactures other advanced technologies such as filters for sugar syrup and gelatine filtration, filter systems for beer-recovery and many more.

**Bucher Unipektin, Competence Center Filtration**, is a business partner with a long-term industrial focus, committed to fair partnership with our customers, employees, and business associates.

## Bucher Unipektin worldwide



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### Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for beer filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

**Products** Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

**Services** Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService