

# Securox<sup>®</sup> BF

Filter cartridge housing

---

For particle and final  
filtration of beer  
after precoat filters

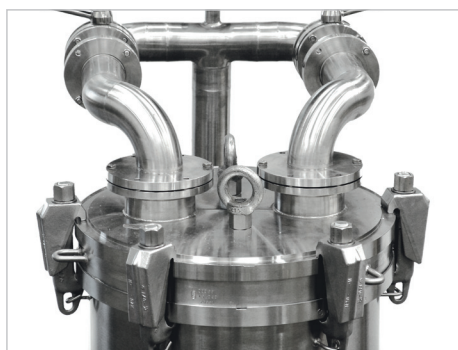
- Two chamber design
- Safe particle retention
- Efficient backwash



## 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.



Inlet and outlet connections

## 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

Securox® BF	Unit	30/10	40/14	40/20	60/32	60/46
Max. operating pressure	bar	7	7	7	7	7
Max. operating temperature	°C	100	100	100	100	100
Volume of filter – without pipe system	l	70	152	152	275	275
Weight of perforated plate – with cartridges	kg	40	56	56	103	103
Number of cartridges	pcs	10	14	20	32	46
Material quality filter		316L	316L	316L	316L	316L
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 316L				

### Bucher Denwel, spol. s r.o.

K Hajum 2  
155 00 Praha  
Czech Republic  
+420 270 007 400  
sales@bucherdenwel.com  
bucherdenwel.com

### Technical support

+420 777 747 728  
service@bucherdenwel.com

### Products

We develop and produce a wide range of specialized equipment and provide engineering solutions dedicated to help brewers to optimize their processes.

Combining experience and innovation we build safe and reliable Cold Blocks, supply brewing equipment such as Filtration, Beer recovery systems, Yeast plants, Water Deaeration, Blending, Carbonation, Dosing, Hard Seltzer units, Flash Pasteurization and CIP.

### Services

We have a global presence. Our sales and service network is always available for you to provide consultancy, technical support and after sales service.