

M-Synox BF

Compact precoat candle filter

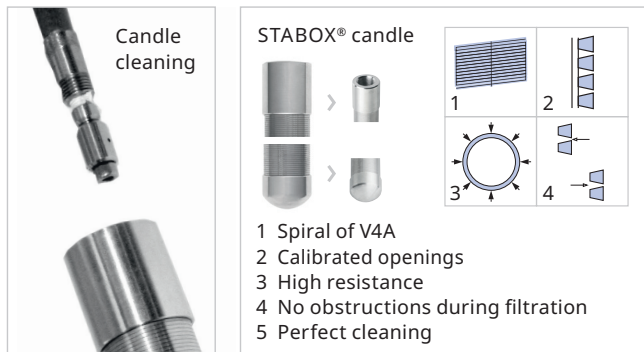


The smart candle filter
for precoat filtration

- Compact design
- Easy handling
- High flexibility

Characteristics

The M-SYNOX BF is the advanced version of the former Secu-jet candle filter but with hanging candles from a top plate. The design of the filter and the usage of the same STABOX candles (25 mm diameter) make it the small version of the large SYNOX® filters.



Applications

The M-SYNOX BF was developed with the focus on the rising amount of small Craft-Breweries worldwide and their increasing demand for filtered beer. But also for any other beverage to be filtered with filter aid like diatomaceous earth this filter will be a reliable solution.

Advantages

- compact skid mounted design
- movable with wheels
- low water and energy consumption
- long service life due to high quality design
- very little maintenance required, no moving parts inside
- efficient cleaning device inside the vessel
- dosing pump separately mounted on the skid for easy maintenance

Technical data

Type	M-Synox BF / 380	M-Synox BF / 500	M-Synox BF / 560
Operating pressure / bar	0-6	0-6	0-6
Operating temperature / °C	0-100	0-100	0-100
Max. flow rate / hl/h	32	47	55
Min. flow rate / hl/h	16	23	27
Sludge volume / ltr	141	201	226
Filter area / m2	6,4	9,4	11,0
Number of candles / pcs	60	60	60
Candle length / mm	945	1381	1603
Total DE capacity / kg	41,3	59,2	66,5
Precoat charge DE / kg	7,7	11,3	13,2
Body feed charge DE / kg	33,7	48,0	53,4
Volume of dosing tank / ltr	130	130	130
Performance of dosing pump / kW	0,75	0,75	0,75
Dosing flow rate / ltr/h	16-160	16-160	16-160
Performance of process pump / kW	5,5	5,5	5,5
Weight of complete unit (empty) / kg	780	840	880
Weight of complete unit (operating) / kg	1300	1480	1580

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Technical changes reserved.

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 supply brewing equipment such as Filtration systems, Yeast plants, Water Deaeration, Blending, Carbonation, Dosing and Hard Seltzer systems, Dealcoholisation, CIP, Cold sterilisation, Flash Pasteurization and Beer tanks.

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.