

M-Synox BF

Compact precoat candle filter

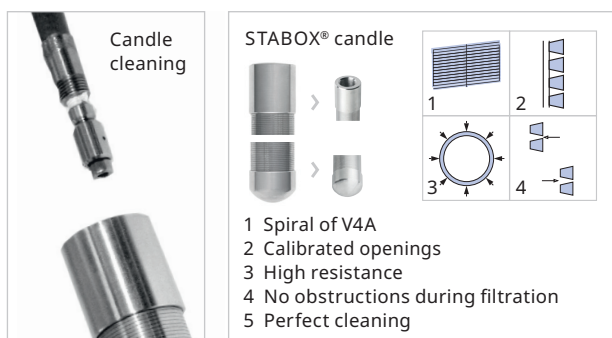
The smart candle filter for precoat filtration

- 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 / m ²	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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Products

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

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