

SYNOX 2.0[®] PF

Precoat candle filter



The new generation of candle filter offers the most efficient and economical solution

- Reduced pre-run
- Reduced beer losses
- Reduced cleaning water consumption



The new generation of candle filter for precoat filtration presented by the market leader

The SYNOX 2.0® offers excellent value for all kind of precoat filtration within a hygienic environment. Typical applications include filtration of beer, wine; all clear beverages as well as liquid food components such as gelatine, sugar syrup, edible oil and the like.

New features

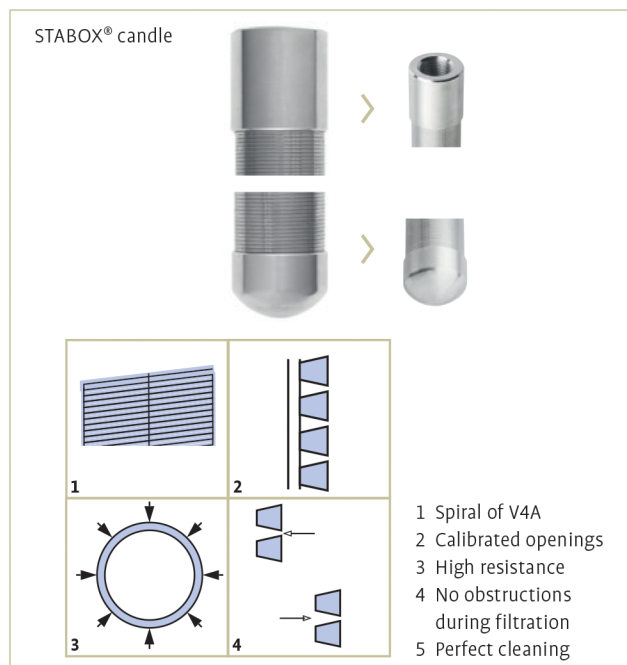
- New CFD optimized flow pattern (= computational fluid dynamics)
- New and patented inlet distributor
- New cleaning device

Benefits

- Reduced beer losses
- Capability of small batch handling
- Reduced pre-run
- Reduced interphase between brands
- Reduced cleaning water consumption

Proven features

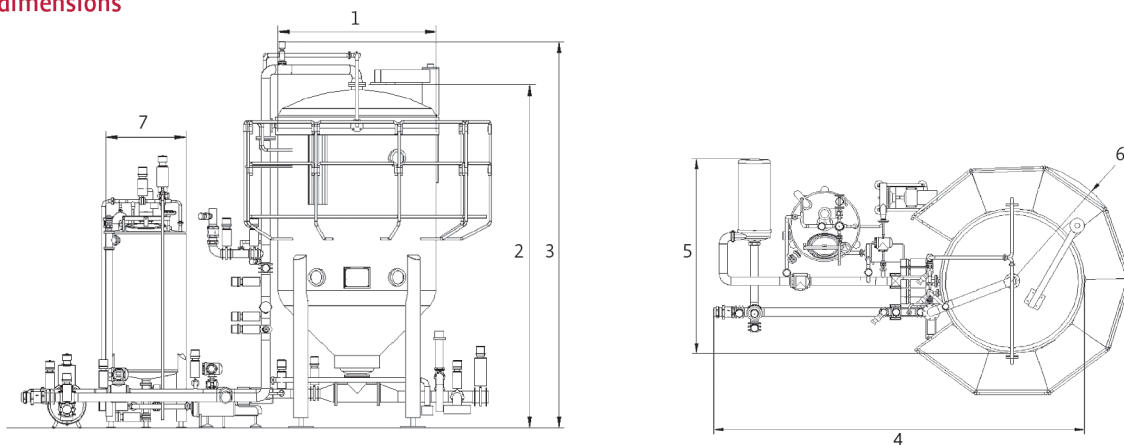
- Unique, patented 25mm STABOX® candle completely in stainless steel for high packing density with reduced void volume; best utilisation of slurry space
- Gasket free candle fixing for minimum maintenance
- Hygienic vessel design according to EHEDG guidelines
- Internal cleaning of candles in situ, without removing candles from filter
- Compatibility with the new generation of regenerable filter media
- Minimum required space above the filter as candles are mounted from the bottom



Technical data

SYNOX 2.0® PF	Filter area Sqm	Sludge holding capacity in liters	Vessel volume in hl	Operating pressure	Capacity in hl/hr
800	12-22	300-460	8.5 / 11.5	7 bar / 100 °C	60-110
1100	24-46	640-1010	17 / 21 / 23	7 bar / 100 °C	120-230
1300	45-70	1150-1500	29 / 32 / 34	7 bar / 100 °C	225-350
1500	67-95	1670-2090	42 / 44 / 47	9 bar / 100 °C	335-475
1800	90-139	2270-3020	59 / 62 / 65 / 69	9 bar / 100 °C	450-695
2000	121-175	3080-3770	79 / 83 / 88	9 bar / 100 °C	605-875
2300	153-237	3870-5130	104 / 109 / 114 / 121	9 bar / 100 °C	765-1185

Main dimensions



Dimensions (mm)

SYNOX 2.0® PF	DOSIMAT®	1	2	3	4	5	6	7
800	250	800	3156	3543	3100	1700	-	906
1100	500	1120	3544	3931	3500	1900	-	906
1300	500	1300	3829	4235	3800	2000	1291	906
1500	500	1500	3999	4444	4000	2200	1390	906
1800	800	1800	4221	4665	4500	2500	1540	906
2000	800	2000	4385	4933	4700	2700	1641	906
2300	1100	2300	4638	5228	5200	3000	1790	1256



North American Distributor
Gusmer Enterprises
West Coast Tel: 866.213.1131 Fax: 559.485.4254
East Coast Tel: 908.301.1811 Fax: 908.301.1812
sales@gusmerenterprises.com
www.GusmerBeer.com

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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Bucher Unipektin AG

Murzlenstrasse 80
 CH-8166 Niederweningen
 Phone +41 44 857 23 00
 Fax +41 44 857 23 41
 info@bucherunipektin.com
 www.bucherunipektin.com

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



Important Note: Gusmer Enterprises, Inc. provides this information to the best of our knowledge. This information does not claim to be complete and Gusmer Enterprises, Inc. cannot assume liability for improper use. All users are advised to test products to meet their specific needs.