

# Synox 2.0<sup>®</sup> PS

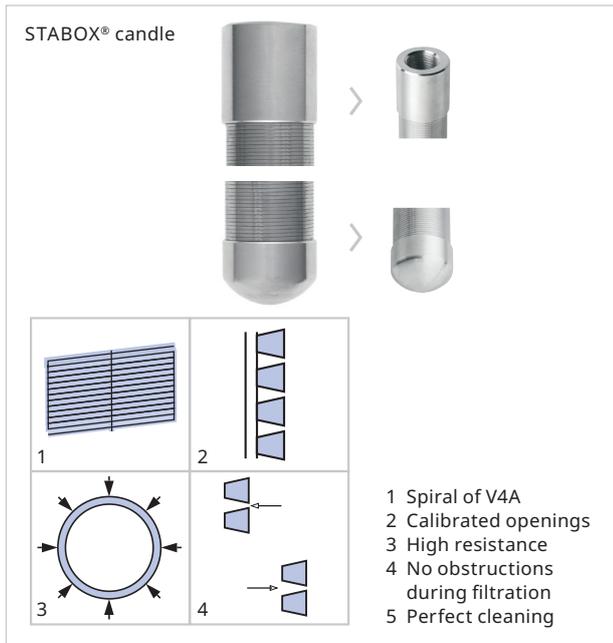
Candle filter for PVPP stabilisation

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For treatment of beer and other beverages

- Reliable beer stabilisation
- Low PVPP losses
- Easy to handle





### Characteristics

The Synox 2.0® PS is an especially developed version of our market leading kieselguhr candle filters, and uses the same robust and reliable, patented Stabox® candles. Recognising the serious shortcomings of “traditional” horizontal pressure-leaf PVPP filters, the Synox® PS is based on two decades of positive experience with candle filters. The new and patented inlet distributor allows superior flow control.

### Technical data

Synox 2.0® PS size	Filter volume (litres)	Filtration capacity (hl/hr)	max. PVPP load (kg)
800	770	50-90	50
1100	1850	90-200	125
1300	3200	200-350	225
1500	4600	350-550	370
1800	7000	550-750	540
2000	8700	700-950	625
2300	10 600	600-1200	> 700

### Higher reliability:

- stable and long-life filter elements (non-fouling, welded, steel wedge-wire lasting >15 years without deterioration)
- a simple and reliable process concept (constant hydraulic conditions)
- no moving parts and few elastomer seals

### Lower operating costs:

- lower PVPP losses compared to horizontal leaf filters
- short regeneration and total downtimes
- infrequent, semi-skilled maintenance
- high productivity and low specific costs

### Lower investment costs compared to horizontal leaf filters:

- special foundations not needed
- optimised (smaller & simpler) design
- reduced first charge (fill) of PVPP

### Applications

The Synox 2.0® PS is designed for economical treatment of beer and other beverages by using regenerable PVPP to achieve a long shelf-life, wherein the PVPP is regenerated in-situ. Expensive sacrificial (single-use) PVPP is eliminated. Even for moderate production capacities, the required investment can be amortised in a short time-scale.

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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.

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.