



Craft Beer Guide



Water, barley malt, hops and yeast are the traditional ingredients for creating specialty beers. Craft breweries reinterpret traditional beers, giving the beverage a unique and innovative aroma.

There is nothing nicer than a cool, refreshing swig of freshly brewed beer on a warm summer day.

Thanks to their distinct flavor profiles, craft beers are fully on-trend right now and the sector is witnessing rapid growth. However, craft breweries are presented with new challenges as a result of increasing demand for these specialty beers.

Due to the many varieties of beers that are brewed all year round, the filtration and stabilization process plays a crucial role when it comes to producing a high-quality beverage. The filtration process ensures that the end product is visually appealing and that any tannins, yeast and proteins that would cause the beer to cloud are removed. Moreover, filtration is an important step when it comes to improving

the shelf life of the beer and helps to create a satisfying taste profile for the customer.












Eaton offers solutions ranging from coarse filtration through filtration before bottling, which ensure the highest possible levels of microbiological safety while maintaining valuable properties such as the taste profile and color of the beer. We can help you keep pace with the growing demand without compromising on quality.

In this guide, you will find recommended products that are highly suited to small- and medium-scale craft breweries. Detailed dosage information, packaging units and ordering information make it easy for you to select the right product for every step in the process.



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Recommended Eaton products for use after fermentation and maturation

Haze reduction	Clarification in storage tank	Levasil® BF30 <ul style="list-style-type: none">• 30% silica sol• For beer clarification and improved filtration• Can be added early on to the hot cast wort or to the storage tank	Dosage: 10–60 ml/hl	Ordering/package information: ¹ 1 kg 6 kg 25 kg	Art. no. 62103010 62103060 62103250	
	Coarse filtration	BECODISC® R+ 580 (coarse) <ul style="list-style-type: none">• Stacked disc cartridge• First filtration step after storage BECODISC R+ 550 (medium-coarse) <ul style="list-style-type: none">• Stacked disc cartridge• Optimal degree of clarification for the next filtration step	Recommended flow rate: <ul style="list-style-type: none">• 12": max. 6 hl/h• 16": max. 12 hl/h	Ordering/package information: ⁴ (1 unit) BECODISC R+ 580, 12" BECODISC R+ 580, 16" BECODISC R+ 550, 12" BECODISC R+ 550, 16"	Art. no. B58612SF B58614SF B55612SF B55614SF	
Extension of shelf life	Beer stabilization	BECOSORB® 2500 <ul style="list-style-type: none">• Silica gel with a moisture content of approx. 40%• Adsorption/precipitation of protein• Added to the storage tank²	Dosage: 25–120 g/hl ³	Ordering/package information: ¹ 20 kg	Art. no. 62525200	
		SIHA PURANIT® <ul style="list-style-type: none">• Na/Ca bentonite• Precipitation of protein• Added to the storage tank²	Dosage: 25–120 g/hl	Ordering/package information: ¹ 1 kg 10 kg 20 kg	Art. no. 61303010 61303100 61303200	
		SIHA® PhenoEx <ul style="list-style-type: none">• Cross-linked polyvinylpyrrolidone (PVPP)• Adsorption/precipitation of tannins• Added to the storage tank²	Dosage: 10–40 g/hl ³	Ordering/package information: ¹ 1 kg 20 kg	Art. no. 65206010 65206200	
	Clarifying and fine filtration	BECODISC R+ 450 (clarifying) <ul style="list-style-type: none">• Stacked disc cartridge• Second filtration step after coarse filtration BECODISC R+ 350 (medium-fine) <ul style="list-style-type: none">• Stacked disc cartridge• Yeast-free, virtually blank filtrate	Recommended flow rate: <ul style="list-style-type: none">• 12": max. 5 hl/h• 16": max. 10 hl/h	Ordering/package information: ⁴ (1 unit) BECODISC R+ 450, 12" BECODISC R+ 450, 16" BECODISC R+ 350, 12" BECODISC R+ 350, 16"	Art. no. B45612SF B45614SF B35612SF B35614SF	
		BECO PROTECT® PG <ul style="list-style-type: none">• Depth filter cartridge• Second filtration step after coarse filtration	Recommended flow rate: 30": max. 12 hl/h	Ordering/package information: ⁴ (1 unit) 10 µm, 30" 5 µm, 30" 3 µm, 30"	Art. no. PG10073S PG05073S PG03073S	
Bottling		Ascorbic acid <ul style="list-style-type: none">• Vitamin C• Oxygen reduction• Added to the tank before bottling	Dosage: 1–2 g/hl	Ordering/package information: ¹ 1 kg	Art. no. 64202010	
Filtration before bottling		BECODISC R+ 270 (fine) <ul style="list-style-type: none">• Stacked disc cartridge• Yeast-free, blank filtrate BECODISC R+ 220 (final) <ul style="list-style-type: none">• Stacked disc cartridge• Final filtration step	Recommended flow rate: <ul style="list-style-type: none">• 12": max. 3 hl/h• 16": max. 7.5 hl/h	Ordering/package information: ⁴ (1 unit) BECODISC R+ 270, 12" BECODISC R+ 270, 16" BECODISC R+ 220, 12" BECODISC R+ 220, 16"	Art. no. B27612SF B27614SF B22612SF B22614SF	
		BECO PROTECT PG <ul style="list-style-type: none">• Depth filter cartridge• Final filtration step before bottling	Recommended flow rate: 30": max. 6 hl/h	Ordering/package information: ⁴ (1 unit) 1 µm, 30" 0.5 µm, 30" 0.3 µm, 30"	Art. no. PG01073S PG00573S PG00373S	
Disinfection		SIHA sterile spray <ul style="list-style-type: none">• Spray disinfection• For components that come into contact with the product		Ordering/package information: ¹ 1-l bottle Sprayer attachment for bottle 5-l canister	Art. no. 78231010 89101 78231050	

¹ The specified packaging units are also the minimum order quantity for this article.

² After the haze has settled, an additional filtration step must be performed.

³ An optimal effect is only achieved when this is applied to a beer that has already been clarified, since it otherwise cannot be ruled out that the active substances will be coated by the existing haze particles.

⁴ More detailed product information and filter size options can be found in the technical data sheets. Stacked disc cartridge housing of 1–4 stacked disc cartridges available. Cartridge housing of 1–24 depth filter cartridges available.

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