Effective beer filtration with Eaton filtration solutions

Eaton is a leading supplier of complete depth filtration solutions and develops, manufactures and provides high-quality depth filtration media for food, beverage, fine chemical and pharmaceutical applications.

In addition to a wide range of depth filter sheets, stacked disc cartridges, filter cartridges, filter aids and stabilizers, the product range also includes filtration systems for breweries in various designs and sizes.

Classic systems:
- BECO COMPACT PLATE™ multi-sheet plate and frame filters

Enclosed systems:
- BECO INTEGRA CART™ cartridge housings
- BECO INTEGRA DISC™ stacked disc cartridge housings
- BECO INTEGRA LAB™ laboratory filters

Automatic systems:
- StepFlow® filtration systems

Eaton also provides ideal filtration solutions for craft breweries. These include:
- BECOPAD® depth filter sheets and systems
- BECODISC® stacked disc cartridges and housings
- BECO® filter cartridges and housings
- Silica sol
- Filter bags and bag housings
Most beers undergo a filtration process after storage. In this process, protein-based and tannin-based compounds, hop resins, yeast cells and beer-spoiling bacteria are removed so that a level of beer clarity can be achieved that would not be possible using only a heat treatment. The following filtration processes are commonly used:

- **CLASSIC BEER FILTRATION**
- **TWO-STEP SHEET FILTRATION**
- **CROSS-FLOW FILTRATION**

**Beer Clarification and Pre-coat Filtration**
- **Diatomaceous Earth Filtration**
- **Filter Aid Filtration**

**Beer Storage (HTST)**
- **Bottling**
- **Final Microbial Filtration**

**Alternative Stabilisation**
- **PVPP**

**Note:** For some applications, it may be necessary to replace perlite by perlite-based products. Details are available from BECO Filters.