3M Science. Applied to Life.™

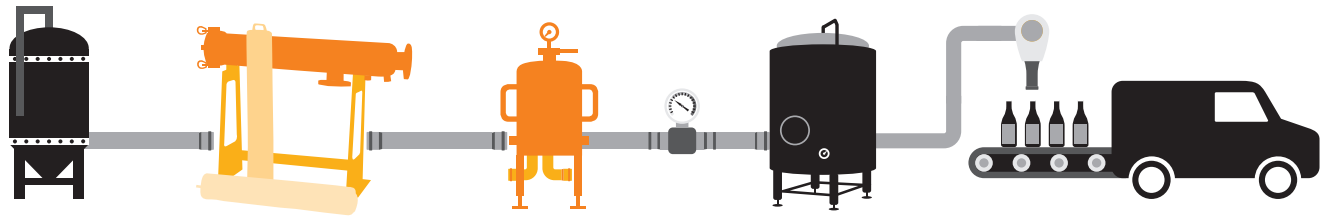
Solutions for Smaller Breweries

Filtration is often an overlooked facet of beer production at smaller breweries. Through correct filtration, a consistently stable beer can be produced to satisfy consumers demand time after time.

We Recommend

The two products we have found most effective are our 3M™ High Flow 15µm absolute filter to remove the heavy sediment, followed by a dual layer 3M™ Zeta Plus™ Series Filter, filtering down to around the 1µm level. These two products remove the unwanted haze, yeast, and other particles, but not the taste – allowing for more of that great taste that our customers love. The successively tighter filter stages allow brewers to produce a consistently stable beer without the need for filtration following the bright beer tank.

See the process below.



Fermentation Tank | 3M™ High Flow | 3M™ Zeta Plus™ | Bright Beer Tank | Bottling

3M™ Zeta Plus™ Series Filters

Zero Leakage
- No oxygen/bacteria pick up

Greatly Reduced Labour
- Zeta Plus Series Filters can be changed in 15 minutes

Fewer Change-Outs
- Since cartridges are used completely, fewer filter changeouts are needed per year

Decreased Capital Costs
- Zeta Plus Series Filter housings are typically 25-50% the capital cost of a stainless-steel filter press

3M™ High Flow Series Filters

Compact Housing Design
- Reduces up-front capital expenditure and footprint

High Flow Capability
- Flow rates up to 113 m³/hr per absolute rated 60" (1524mm) cartridge

Ease of Use
- Fewer cartridges means filter changeouts are quicker and easier

High Efficiency Polypropylene Microfibre Media
- Provides consistent, predictable particle reduction efficiencies

3M

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