

Hall Pyke

BREWERY

Filtration Solutions



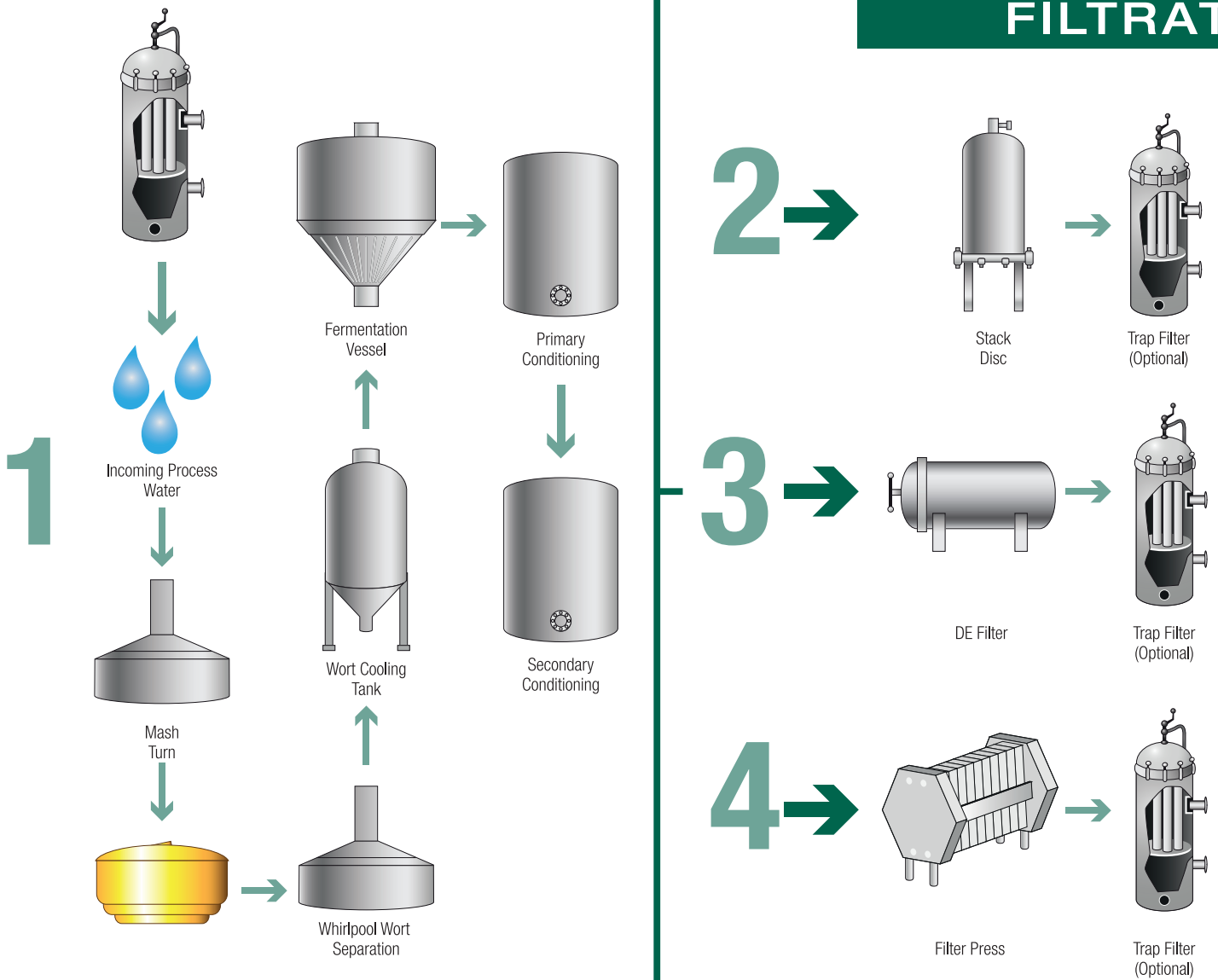
The SMART choice for filtration

HIGH QUALITY BREWERY FILTRATION

At Hall Pyke we strive to provide our customers innovative, advanced filtration technologies to manage process contaminants. We offer a wide range of filter products for brewery applications for incoming process water, tank vent gas, and beer refining streams. At Hall Pyke we can handle all your brewery process filtration from barley to bottle!



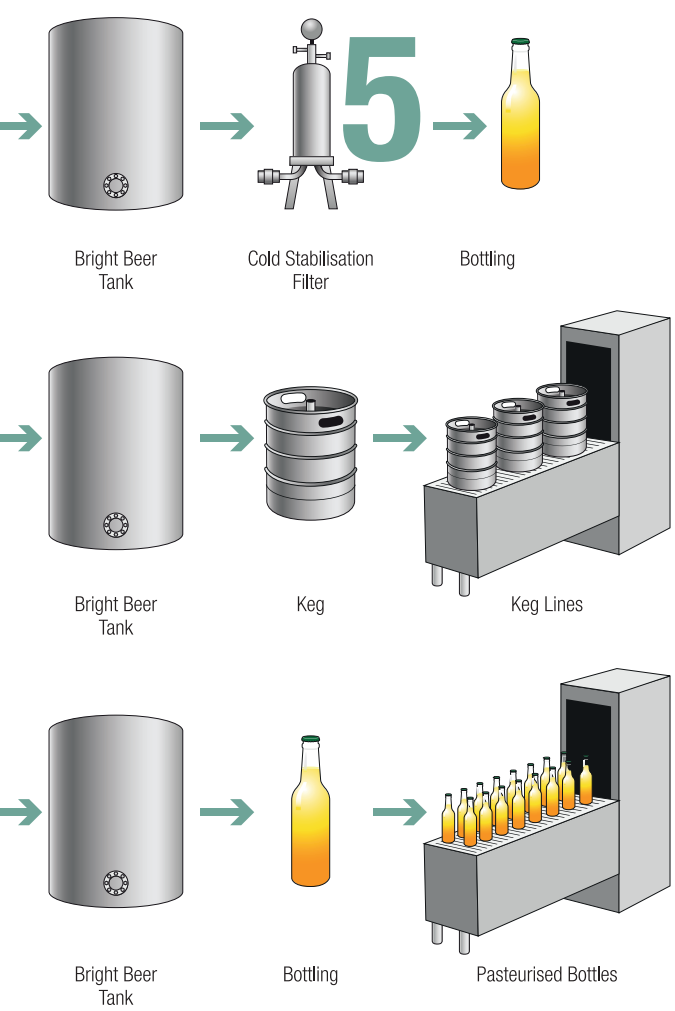
FILTRATION



SOLUTIONS



ON OPTIONS



THE ADVANTAGES OF HALL PYKE BREWERY FILTER SOLUTIONS

1. Process Water Filters

Beer production can require upwards of 40,000 hectolitres or more of water per day. Hall Pyke high flow capacity cartridges are designed to filter high volumes efficiently by utilising w-pleat layered materials to provide a combination of high surface area and high contaminant loading.

2. Process Water Carbon Filters

Quality beer requires quality water. Unfortunately, not all water sources are pure. Many contain chlorine or other contaminants which can cause off flavours in beer. Hall Pyke filters are designed specifically to address these taste issues. The carbon block technology forces the water into contact with the carbon, without channeling, to ensure without the release of carbon fines.

3. Cellulosic Depth Media Sheets & Lenticulars

Cellulosic media filters provide efficient retention of yeast, DE and spoilage organisms that may be found in beer production. Using a combination of physical capture and electro-kinetic forces, Hall Pyke media filters can ensure a clear, bright beverage without particle or chill haze contamination.

4. Beer Trap Filters

Hall Pyke beer trap filters provide exceptional throughputs and operating efficiency with excellent flow capacity and low differential pressure. The multi-directional, torturous flow paths, coupled with thermally bonded engineered media layers, ensure that gels, Kieselguhr, and other contaminants are well contained within the cartridge so beer is kept clear and bright.

5. Cold Stabilisation Filters

Hall Pyke membrane beverage grade cartridges are designed for final cold filter sterilisation. The high surface area PES membrane comes in micron ratings of 0.45 and 0.65. Cartridges can be repeatedly steam sterilised and are integrity tested to ensure continuous integral performance.

6. Sterile Air Filters

Hall Pyke Microbial sterile air membrane cartridges are designed for filtering tank vents, sterile wort air, line purging, or blow down. The high surface area PTFE membrane exhibits high flow rates with minimal differential pressure for long on-stream life and can handle repeated steam sterilisations.



Coming soon!

Convenient, robust and economic stabilisation of beverages

Introducing the Stabifil from Porvair. Porvair have combined technology from their polymers division and their filtration division to create uniquely designed filter. The Stabifil eliminates bulk powder handling from the beverage clarification process. Highly flexible, adjust contact time by adjusting flow rate of the liquid. Design is unique and highly beneficial to the stabilization and clarification processes of beverages.



Applications

- **Beer and Wine Stabilisation**
Removal of haze-active polyphenols to allow beer to be stored and minimise reduction in clarity. Reduce chill haze in beers that are served extra-cold.
- **Spirits**
Reduction of haze caused by trace amounts of polyphenols prevalent in raw materials e.g. brandy.
- **Vinegar**
To ensure a clear and stable product by removing trace amounts of haze-active polyphenols.
- **Fruit Juice**
To enable a clear product to be manufactured and stored. Apple juice, coconut juice and grapefruit juice are typical applications.
- **Pure water supply systems**
To remove astringency and improve the product's taste in "real" iced teas.

Don't buy nitrogen gas.. make it! New – Nitrogen generators

Hall Pyke are now distributing the Inmatec range of generators with pressure swing adsorption technology. Inmatec with its unique PAN (power as needed) technology promises savings from the very first minute as well as reducing climate damaging CO₂ emissions.

Benefits:

- Plug and play – simple and constant nitrogen supply
- Constant measurement of nitrogen purity
- Savings from the very first minute
- Low-maintenance, compact design



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