

# APPLICATION: WATER TREATMENT

The soft drink operation, as with most food plants, has a need for more than one type of water. Most important is the water used to prepare the product. It must fit local public health laws, then must be further tailored to remove chemical, bacteriological, or physical characteristics that can in any way affect product taste, odor, appearance, or shelf-life.

OEMs use to supply both complete, tailor made water purification plants (including mechanical filtration, microfiltration, reverse osmosis, disinfection, sterilisation, storage, etc.) and single treatment machinery to bottling companies with facilities all around the world.

Pfannenberg provides [multiple-frequency and multi-voltage stainless steel AISI 304 washdown cooling units](#), designed to easily meet specific voltage requirements, from 380 to 480V, in a single solution, independent of the target geographic area.

Following the same need, [UL Listed Filterfans](#) meet the demand of Pfannenberg global customers by helping them save time, efforts and money when their application needs to be UL approved.

Pfannenberg's unique filterfans also feature an innovative "Click & Fit" mechanism with a patented 4-corner fastening system enabling safe and quick, tool-free installation allowing the filter medium to be replaced in seconds.

In addition to UL certification, Pfannenberg filterfans carry an out-of-the-box IP55, NEMA Type 12 system of protection. Optional filterfan models include an EMC and UV resistant designs.



# Pfannenberg Solution



DTS 6301 C

## ECOOL compact series enclosure cooling units

Robust and compact, these units are available with cooling capacities of 1.000 and 1.500 W, for small enclosures or to cool hot spots. The large fin spacing in the condenser enables very long maintenance intervals even without additional nano coating. From the cut-out compatibility to the flexible software solutions, Pfannenberg's ECOOL series takes excellent accessibility and simple maintenance into consideration.

## Filterfans for enclosure cooling

Airflow optimized fins and rotor blades guarantee maximum airflow with minimal energy consumption using high performance louvers and more surface area on fluted filter mats. With our fluted filter mats, filterfans reach NEMA Type 12 protection. Additionally, the fluted mats extend service life by 300% requiring less frequent replacements. Filterfans can be used with thermostats to reduce energy & maintenance costs. NEMA TYPE 3R/4/4x and IPx6 Rainhoods are also available in steel and stainless steel for outdoor and wash down applications.



UL listed Filterfans

## Global Technical Service for chillers and cooling units from all manufacturers

- >> 24/7 worldwide presence
- >> commissioning
- >> maintenance and repair
- >> F-GAS / leakage tests
- >> spare part kits
- >> service trainings
- >> PSS - Pfannenberg Sizing Software



Global Technical Service



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