

Water Deaeration System-Hot

General information

The Water Deaeration System-Hot, type WDS-H is based on our long experience in the area of gas/liquid stripping technology. The Hot version is based on stripping technology with the help of CO₂ at a temperature of 72°C.

Principle of Operation

- The process consists of the following steps:
- Deaeration based on stripping technology:
Water heated to a temperature of 72°C enters the top of a column and is led through specially designed packing with a large contact surface. CO₂ is injected at the bottom and travels in counter flow, resulting in a highly efficient removal of air and O₂.
 - Cooling: The deaerated water is then cooled down to a temperature of 2°C.

Description

The WDS-H is a skid-mounted system utilising proven components, including all required piping, wiring and a control system. The hygienic, fully automatic and reliable design, guarantees easy handling, low maintenance and a long lifetime. Extensive factory tests and excellent references, as well as our installed base management approach are evidence of the quality and reliability of the Water Deaeration System, type WDS-H.



Beverage CO₂ Systems



Technical information

Cleaning

The WDS-H complies with the highest sanitary standards.
The unit is provided with full automatic CIP capability.

Service

The WDS-H is a user-friendly and fully automatic system, with almost no need for spare parts. The self-diagnostic electronics help you adequately in case of problems. Clear operating instructions, maintenance information and a reliable service department are part of our services.

Benefits

- Residual O₂ < 0.015 ppm
- Water pasteurisation
- Hygienic design
- Fully PLC controlled
- Low maintenance
- No heavy-duty vessels or vacuum pump

Outlet specifications

Residual O₂: < 0.015 ppm
CO₂ content: approx. 0.6 g/l

Options

- CO₂ injection
- O₂ measurement
- Glycol safety by-pass

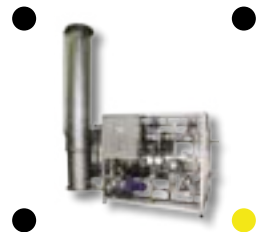
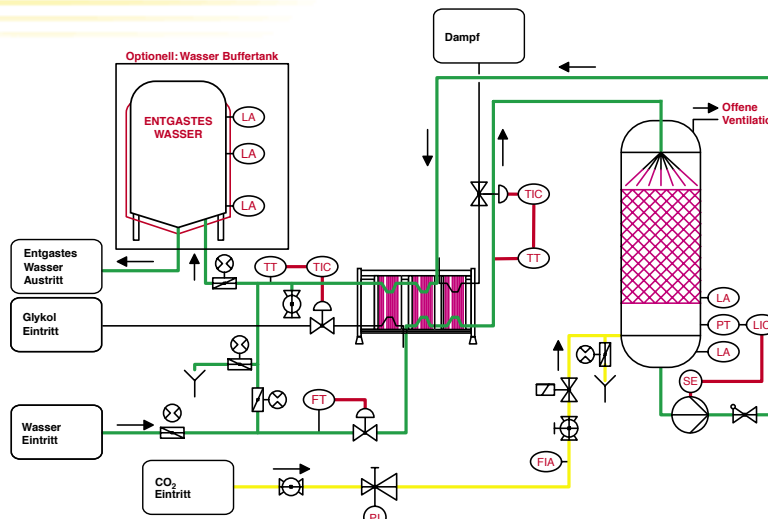
Material

Product Contact parts : AISI 316
Non Contact parts : AISI 314

Control Cabinet

Protection class : IP 54

Haffmans B.V. reserve the right to make changes in the technical specifications at any time.



Haffmans B.V.

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