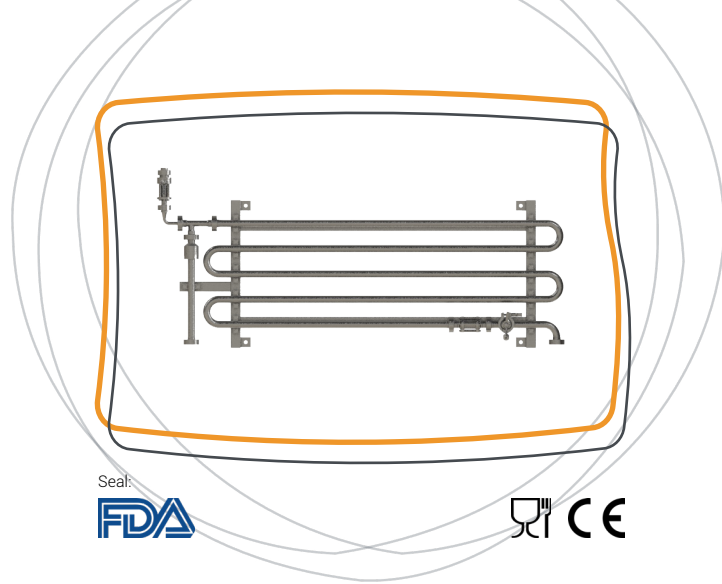


XAEK[®]

Saturation system



Presentation

The XAEK carbonation system adjusts the rate of CO₂ saturation in beer before kegging or bottling. This equipment guarantees the quality and repeatability of the final CO₂ content during racking. The characteristics of the control unit ensure synchronised operation of the carbonation system with the pump, the CO₂ supply and the counter-pressure filling module.

Key features

- Self-contained CO₂ flow regulator automatically adapted to the beer pressure
- Savings achieved by eliminating the need for a buffer tank for beer resaturation
- Accurate and consistent carbonation
- Eco-responsible solution with reduced consumption of water, washing solutions and concentrated detergents, as well as reduced waste
- Productivity & efficiency
- Self-learning solution that can be customised for every brewery and every beer
- Hygienic design
- Cost-effective solution

Applications

- Adjustment and stabilisation of the beer's CO₂ content before packaging
- Craft breweries, Craft Beer and Pico-breweries
- pH adjustment on water (fish farming)
- pH adjustment on milk (dairies)

Technical features

Sizes:

DN 25: Flowrate 2,200 litres/h (Speed 1.5 m/s)

DN 40: Flowrate 4,400 litres/h (Speed 1.5 m/s)

Beer inlet and outlet connection: Male DIN 11851

CO2 inlet fitting: Male DIN 11851 DN 20

Beer flow speed range: minimum 1 m/s - maximum 2 m/s

Control-command panel with 1 inlet (outlet from keging signal) and two outlets (CO2 supply & beer circulation pump power supply).

Kegs 30-50 litres

Initial beer saturation 0 grm/l (max 0.5 grm/l)

Final saturation min. 4.5 grm/l - max. 5 grm/l

Initial beer temperature 2°C

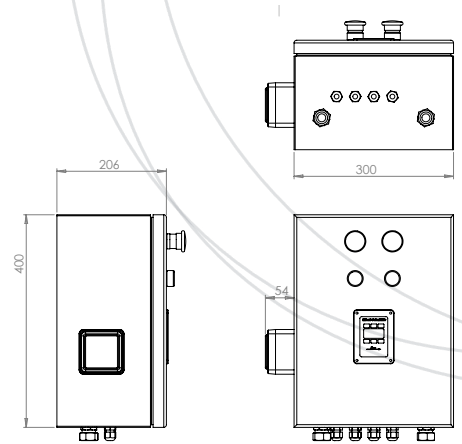
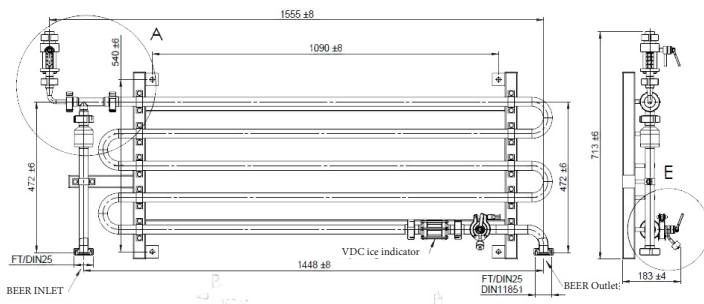
Beer pressure 2 bar minimum

Materials

- Stainless steel 1.4404 (316L)
- Sealing: EPDM

Dimensions in mm

Size DN 25



Options

- Portable carbonation tester
- In-line CO2 concentration measurement
- Start-up assistance
- Special design on request

Warranty

12 months as from the date of dispatch (except for special conditions)

Conformity

- Pipe fitting and tank compliant with Paragraph 4.3 of the PED 2014/68/EU
- Elastomer membranes compliant with FDA CFR 21.177.2600 and Regulation (EC) 1935/2004

Non-contractual document and visuals, subject to change without notice.

Only the commercial offer and the technical manual supplied with the equipment may be used for technical and legal purposes.