



Carbofresh®-de luxe

Inline gas dosage for high CO₂ contents up to 11g/l

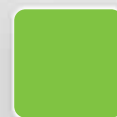


The economical alternative to carbonation systems

Especially in the production of medium-sized and small beverage batches, carbonation systems constitute a critical cost factor. The Carbofresh®-de luxe device with its attractive price/performance ratio provides the perfect solution to this. With the Carbofresh®-de luxe, CO₂ values in the beverage of up to 11 g/l can be achieved quickly and reliably in a single flow cycle (depending on the pressure and temperature). This way, not only average CO₂ levels, such as those found in sparkling wine, cider and apple wine, but also high doses of CO₂, such as those found in mineral water and mixed drinks, can easily be achieved.

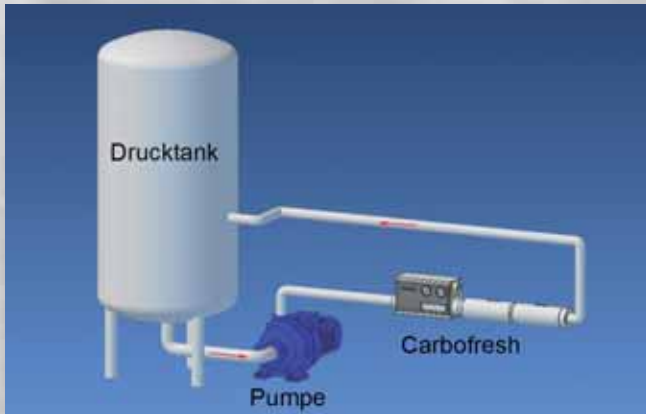
Functional description

With the three-stage Carbofresh injector technology, the added CO₂ is dissipated as fine bubbles, permitting it to dissolve neatly and reliably into the beverage. The device and the two downstream mixers are custom-designed according to customer specifications. This way, optimal carbonation is achieved. Carbofresh does not require electricity since it is started automatically by the flow of the beverage. The desired CO₂ dosage can be easily adjusted and set by means of the diagram on the device.

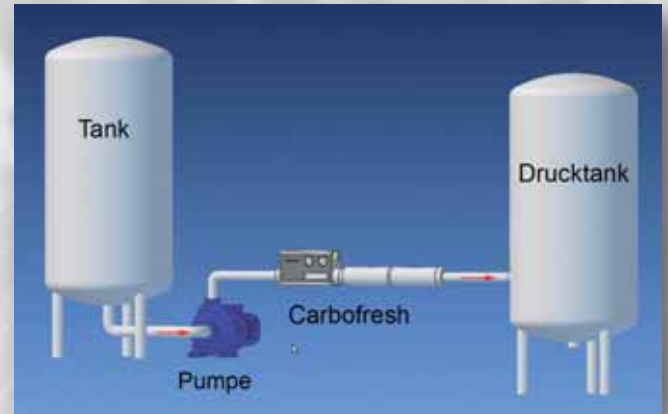


Carbofresh®-de luxe

Typical installations



In circulating mode



For tank-to-tank transfer

We'd also be glad to advise you on using the Carbofresh®-de luxe devices for bottling your beverages directly.

Special features and advantages of the Carbofresh® technology

- Low investment costs
- Three-stage inline carbonation up to 11 g CO₂ / Liter
- Consistently high dosing precision
- Flow-rate proportional gas dosing (dosage adapts automatically to the product flow within the specified range)
- Especially sophisticated bonding of the CO₂ by means of special injector technology
- Fully automatic starting and stopping of the gas dosage whenever the pump switches on or off
- Very easy to operate
- No electrical connections needed
- Device custom designed according to customer specifications
- Extremely small and compact (90 x 30 x 10 cm), therefore can be carried anywhere

Technical data:

Flow rate capacity (depends on the injector size)

CO₂-dosing infinitely adjustable (depends on temperature and pressure)

required pump pressure

max. operating pressure

CO₂ supply pressure

pressure loss at max. output incl. mixer

minimum flow rate

Device dimensions

Product connections (e.g. DN 32, DN 40,...)

700 - 20.000 l/h

0 - 11 g/l

at least 5 bar at maximum output

10 bar

10 bar

3 to 3.5 bar

approx. 2/3 from nominal flow

90 x 30 x 10 cm

as required



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