

## Activated Carbon STC

### General Information

Due to new developments, the concentrations of smelling components in raw CO<sub>2</sub> gas are increasing. Most of the smell is caused by sulphur components. CO<sub>2</sub> recovery plants need to be designed for higher sulphur inlet concentrations. On the other hand, more and more attention is paid to CO<sub>2</sub> quality within the beverage industry. The industry wants to avoid contamination of products with undesirable components. Quality requirements for purified CO<sub>2</sub> are therefore becoming stricter.

### Conventional activated carbons

Conventional types of activated carbon often do not perform satisfactorily as a deodorant. Especially when the CO<sub>2</sub> is applied for carbonation of low aromatic drinks, even low concentrations of sulphur components are already noticeable.

### Activated Carbon STC type B

When Haffmans and NORIT became members of the same family, a lot of experience and knowledge was concentrated.

Their co-operation has resulted in a new type of activated carbon, STC type B, which is specially designed for deodorizing fermentation CO<sub>2</sub>. When used together with the state-of-the-art Haffmans CO<sub>2</sub> Recovery plant, the resulting purified CO<sub>2</sub> only contains sulphur concentrations far below many international standards for CO<sub>2</sub>. Even where inlet concentrations are higher than usual, the STC type B is the dedicated activated carbon in order to fulfill your strictest quality requirements for purification.

## Beverage CO<sub>2</sub> Systems





**Activated Carbon Filter and Drying System.**

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



**Haffmans B.V.**

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