

Aftertreatment for Greenhouses

Secure your production and optimize your TCO

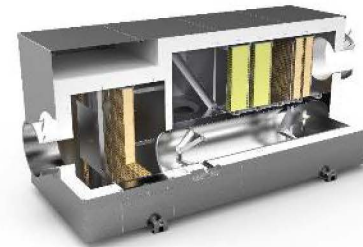
*hug*engineering.

benefits

- **Up to 40 % increase in production**
- **Improves the quality of the crop**
- **Lower total cost of raw material** for main production resources (heat, electricity & CO₂)
- **Global regulations & local air permits** full compliancy
- **Lower levels for stricter environmental optional** (e.g. updatable to Californian air permits)

technical description

- **Modular reactor** structure
- **Closed-loop control system** for uninterrupted CO₂ supply
- **Upstream emission monitoring** with in-house digital services
- **Up to 3 control units monitored** on C₂H₄ by one COditheen gas chromatograph
- **Control systems** fit for greenhouse management systems



applications

- **Co-generation heat and power (CHP) plants in combination with utilizing purified exhaust gases from (natural) gas CHP's for CO₂ fertilization.**

Innovation

RFQ ready

In production