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**MODULAR  
BIOGAS  
TREATMENT  
UNIT**



## MODULAR BIOGAS TREATMENT UNIT APLICAPABLE DESIGN STANDARD PRODUCTION:

### MODULAR GAS TREATMENT UNIT 50-2000 m<sup>3</sup>/h

Control  
cabinet/  
automatization

- ✓ Gas flow control
- ✓ Gas temperature and pressure control
- ✓ Control of compressor and chiller operation
- ✓ Control of safety equipment
- ✓ Control and data transfer via modbus/profibus/etherner

Heat  
exchanger  
50-2000m<sup>3</sup>/h

- ✓ Heat exchanger designed especially for biogas dewatering
- ✓ Special heat exchanger construction with demister ensures separation of the smallest particles of condensate
- ✓ Simple condensate removal, easy maintenance

Chiller  
50-2000m<sup>3</sup>/h

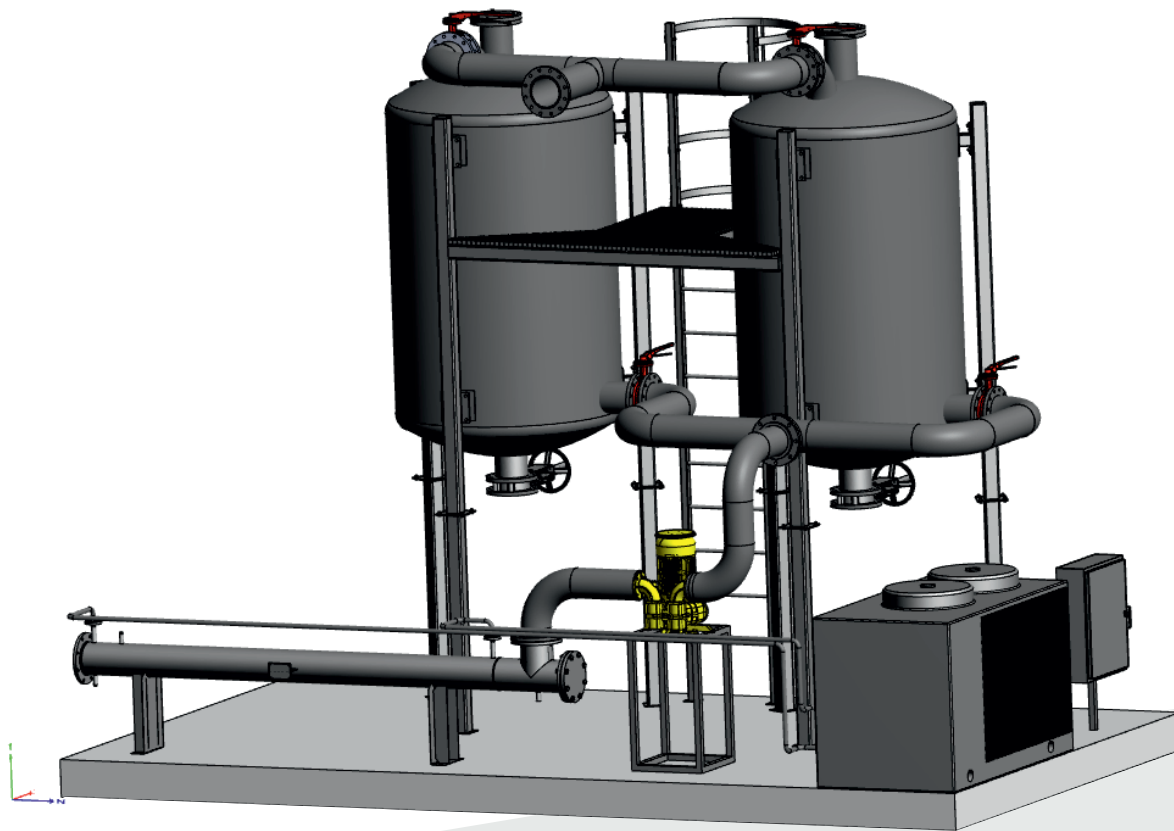
- ✓ Cooling power modulation. Option for few cooling power ranges, what ensures system efficiency and minimal electrical power consumption.
- ✓ Anticorrosive coating of the chiller, longer lifetime
- ✓ Chiller working in ambient temperature -25C +45C

Blower  
50-2000m<sup>3</sup>/h

- ✓ EX fulfilment
- ✓ Driven by frequency converter
- ✓ Easy maintenance

Piping DN80-250

- ✓ Stainless steel AISI316



## ADVANTAGES OF MODULAR BIOGAS TREATMENT UNIT:



Full compatibility of technological and automatic equipment (Profinet, profibus, modbus for data transferring)



Factory tested



Optimization of materials and labor costs



Fast installation on site

# BIOKONA

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