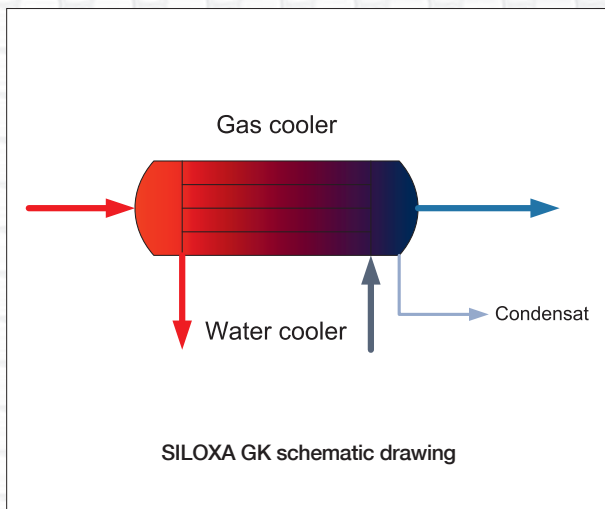


## SILOXA frame-mounted gas drying system, GK model, set up for outdoor installation



### Product description

The SILOXA gas drying system is a functional unit for drying the gas inflow. It does this by cooling the gas using a tube bundle heat exchanger. The components needed for cooling, such as the gas cooler, condensate trap, liquid coolant circuit and water cooler are fixed on a steel frame.

### Sizes/system components

- A total of 12 performance classes with gas flow rates ranging from 180 to 2,100 Nm<sup>3</sup>/h
- The components are mounted on a steel frame

### Design features (basic version)

- Frame
- Gas cooler
- Water cooler
- Liquid coolant circuit
- Condensate trap
- Cold insulation
- Factory assembly
- Technical documentation

### Options

- Version for indoor installation
- Autonomous hot water supply for heating
- Gas heating
- Assembly and commissioning
- Pipe with butterfly valve (manually operated) extending to 10 cm above ground level
- TÜV certification for pipework
- Weld neck flange instead of loose flange

### Safety features

- All the components that come into contact with gas are electrostatically dissipative
- The system complies with the ATEX requirements for using biogas and with TRBS 2153 (technical rules for operational safety: prevention of ignition hazards due to electrostatic charges)

### Relevance for the gas engine system

- No condensation of water in sensitive parts of the gas engine
- Dry gas improves the availability of the CHP
- Optimises the efficiency of the CHP

### Consumption costs

- The systems are designed for optimum efficiency. This reduces the operating costs of the system to a minimum.

### Service

- As well as installation, SILOXA also offers full regular maintenance and supply of spare parts for the GK. For further information, see service datasheet.

