

BIOGAS TREATMENT SYSTEMS



Geurts International B.V. was founded in 1963. Since that time the company has gained extensive experience, knowledge and expertise in the field of heat exchanging equipment & heat transfer solutions.

We design and manufacture heat exchanging

equipment for a variety of industries such as Petrochemical/Chemical, Power generation and Energy. Heat exchanging equipment can be specifically designed to suit customer's requirements like highly corrosive, high temperature or high pressure applications.

HEAT EXCHANGERS

BIOGAS TREATMENT SYSTEMS

The market for biogas fired (combined cycle) installations is growing rapidly. Raw biogas has to be purified before it can be used. Operators of Biogas installations and manufacturers of gas engines experience that for most "Biogas" installations, removal of water, dust particles and sulphur is crucial for a proper performance of the engine, without much maintenance and down time.



BIOGAS DRYING SYSTEM

Geurts International has developed a compact biogas drying system to remove water, dust and sulphur from produced "Biogas". Very compact vertical Biogas drying system was designed combining the removal of water, dust and sulphur in one installation. This biogas conditioner is based on direct contact between biogas and scrubber fluid which is established through a packed column.



DIRECT CONTACT CONDENSER SYSTEM FOR BIOGAS TREATMENT

Geurts developed a direct contact condenser to increase the quality of biogas for use in combined cycles. Additionally, chemical treatment can be added to remove components from untreated biogas.



BIOGAS COOLER SYSTEMS

Cooling biogas to a low dewpoint removes a significant amount of water. Geurts International has delivered an extensive range of biogas coolers to produce low dewpoints and operate in aggressive ambient conditions, such as those experienced in biogas applications.

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