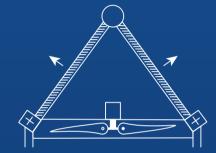
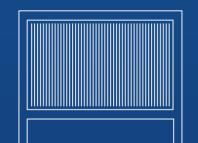
Finned heat exchangers quickly become polluted by sand, dust, pollen and other suspended particles from the environment. The results are rising energy costs and a reduction in operating time.



Finned heat exchanger as inclined installation



Finned heat exchanger as table cooler



Finned heat exchanger as vertical installation



Finned heat exchanger



Tube bundle heat exchanger



mycon GmbH develops new dimensions in industrial cleaning since 2002

Our competence is the new development for monitoring, cleaning, cooling, coating and decoating of industrial plants. We offer goal-oriented and effective solutions. mycon GmbH is active as sister company of the service enterprise Kipp Umwelttechnik GmbH in the development, production and selling of new products and automation techniques in the industrial field. Many years of experience in the field of industrial cleaning and service have led to several system developments and patents, some of have international validity. The cooperation group FilterMaster DPF, a department of Kipp Umwelttechnik GmbH, cleans particulate filters/industrial filters with the devices of mycon GmbH.

The development of the Control Master is a project funded by BAFA in cooperation with the University of Applied Sciences in Hamburg.

mycon GmbH supplies products to customers in Europe, the USA and Asia.

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on the basis of a decision by the German Bundestag



HAW Hamburg Berliner Tor 5 20099 Hamburg, Germany www.haw-hamburg.de

Individual cleaning solutions

- > Cost and energy efficient

- ranges up to 1000°C



MYCON GmbH





ControlMaster

The new dimension in the cleaning of heat exchangers. Digital. Automatic. Energy-efficient.

For 100% performance of your heat exchanger.

- Patented technology
- > Environmentally friendly
- High cleaning quality
- Individual coatings for temperature



Plate heat exchanger

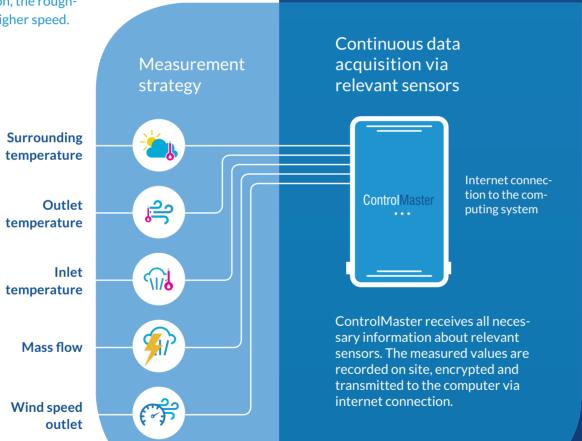
For an energy eficient operation, the degree of contamination of a finned heat exchanger is of high importance: If the surface is contaminated, the energy transfer from one medium to another is reduced, and the effect is correspondingly decreased. In addition, the rougher surface increases air resistance. The rotors then have to work at a much higher speed. This means considerably higher energy consumption.



Clean fins on heat exchangers ensure:

- Better efficiency
- Better heat exchanger
- · Reduction of the running time of the rotors
- Reduction of energy consumption

The evaluation of the relevant data via an algorithm determines the most effective time for cleaning your heat exchanger.



Outlet

Inlet

temperature

Wind speed

Evaluation of the data (self-learning measuring method)



Using a specifically developed program, this data is used to establish an algorithm which determines the optimum cleaning date.

Determine cleaning date for optimum energy efficiency



This system compares the changing energy consumption with the cost of cleaning the heat exchanger. In this way, the energetically optimum time for cleaning is determined.

ControlMaster maximizes the efficiency through goal-oriented cleaning. For 100% performance.

Remote monitoring with secure data transmission



The heat exchanger is continuously evaluated. Permanent monitoring of the efficiency of the heat exchanger.

Start of the fully automatic cleaning of up to 100 m²/hr



In combination with "JetMaster AS". Control-Master can independently perform automated cleaning tasks.

mycon GmbH

Start manual cleaning of the heat exchanger



Permanent monitoring of the efficiency of the heat exchanger. Thereby, the manual cleaning is carried out.

