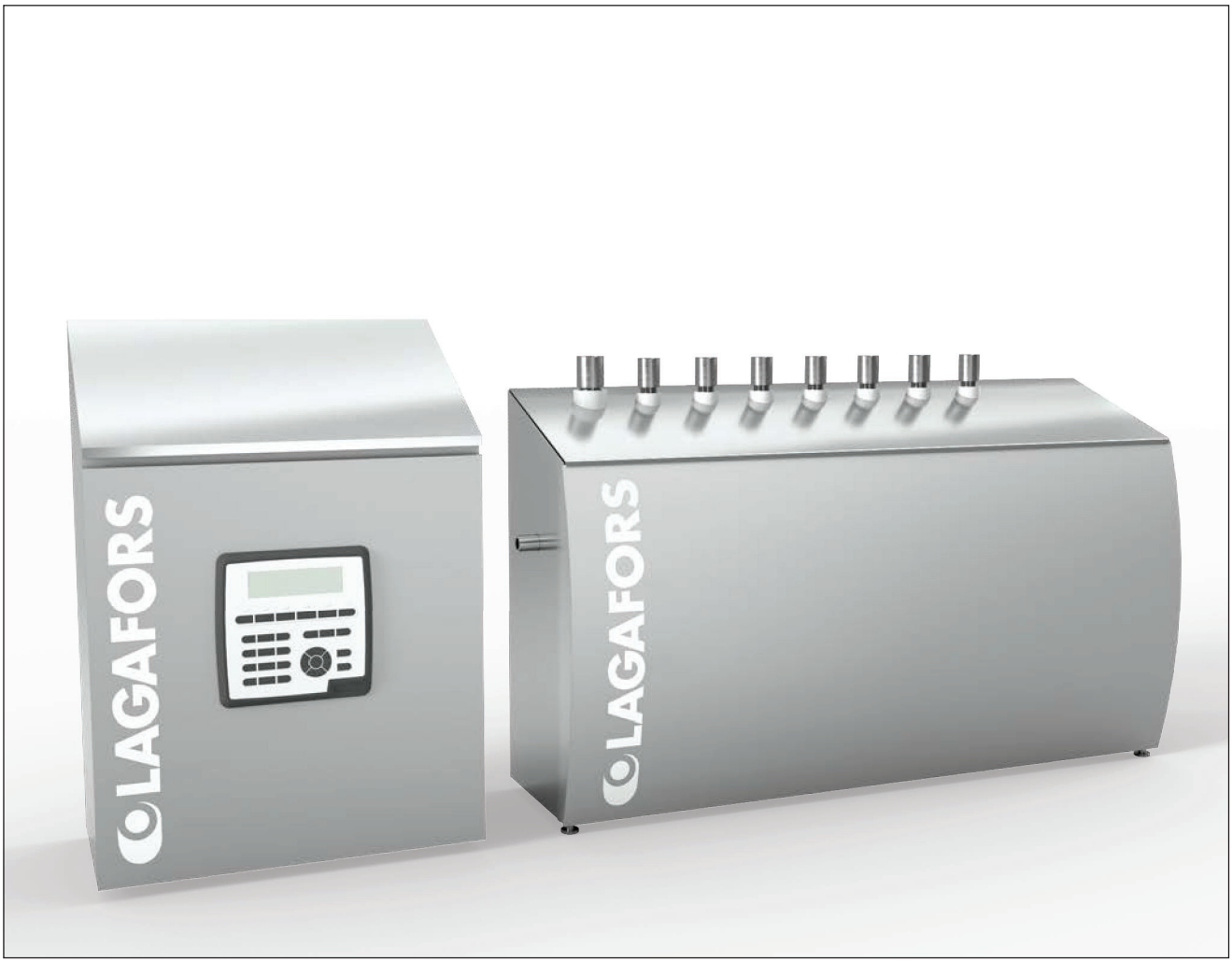
AUTOMATIC CLEANING SYSTEM - ACS II



The Lagafors® Automatic Cleaning System, ACS II, consists of a controller unit and valve units for water, chemical and disinfectant solutions. The system is designed for automatic cleaning of all types of conveyor belts, elevator belts etc. The design is based on Lagafors's well-known VMS II satellite station series, and from a hygienic point of view the unit has been adapted to the food-processing industry. The ACS II system is ready to be connected to any Lagafors pressurized water unit as well as the VCC II dosaging central for chemical and disinfectant solutions. The unit is user-friendly, as well as easy to use and maintain. The system gives the customer consistent cleaning results, which means better hygiene and time-savings, as well as reduced water, chemical and disinfectant consumption. The ACS II system can also be connected to and control your Lagafors® stationary flush ramps, SSB (on page 44). External control of the valve stations is also possible.

The ACS II unit is comprised of the following:

· Stainless steel controller cabinet with Siemens PLC and touch display. As well as AS-i bus communication.

· Stainless steel valve cabinet with pneumatically controlled valves to regulate the water flow.

· Stainless steel valve cabinet (Combi) with pneumatically controlled valves to regulate water, chemical and disinfectant solutions.

Features	Benefits	Facts
Easy to mount and connect	Time-efficient	Low installation cost
Intelligent, hygienic design	Easy to clean	Excellent hygienic aspects
"All-in-One" principle	Rinses, foam cleans, disinfects	Excellent and consistent cleaning results
Time optimization per belt	Saving of time	Lower material consumption
"Start and go" principle	Minimal need of handling	Large work savings

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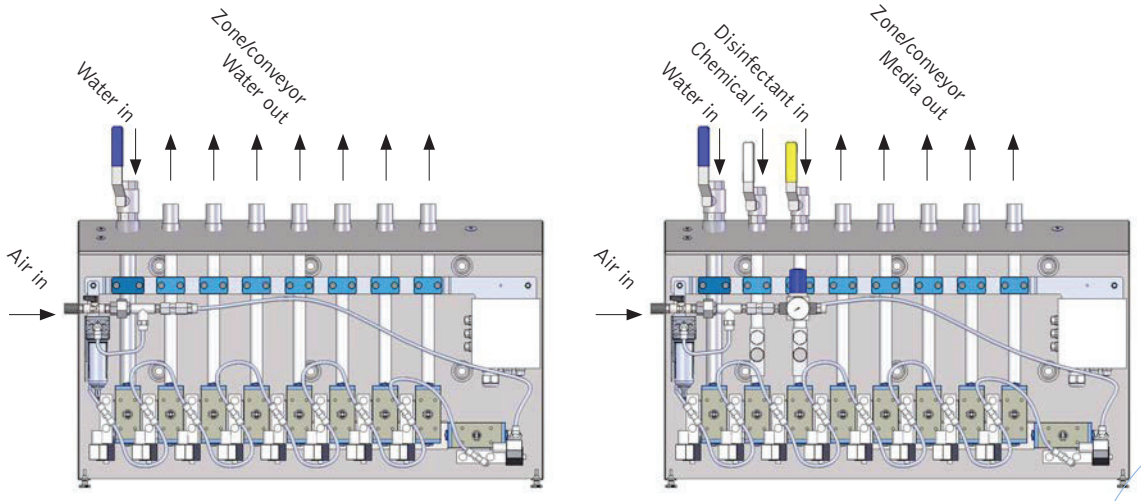
Technical information Lagafors® Automatic Cleaning System ACS II				
Model	**ACS II Controller Cabinet**	**ACS II Water**	**ACS II Combi**	
Supply connections (internal thread)				
Electric rating	230 V+N+PE 50/60 Hz			
Water, pressure		10-50 bar	10-50 bar	
Water, flow		10-150 lit/min	10-150 lit/min	
Water, dimensions		ISO-G 3/4"	ISO-G 3/4"	
Chemical solution, pressure			6-8 bar	
Chemical solution, flow			6-15 lit/min	
Chemical solution, dimensions			ISO 1/2"	
Disinfectant solution, pressure			6-8 bar	
Disinfectant solution, flow			6-15 lit/min	
Disinfectant solution, dimensions			ISO 1/2"	
Air, pressure			6-8 bar	
Air, flow			50-200 lit/min	
Air, dimensions			ISO 1/4"	
Outgoing media	7 x ISO 1/2" internal thread		5 x ISO 1/2" internal thread	
Dimensions				
Measurements WxDxH	820 x 185 x 455 mm			

The data is subject to variation and the producer reserves the right to change design specifications without notice.
Recommendations:
- *We recommend a maximum length of 30 metres between the valve station's chemical/disinfectant connections and the object to be cleaned.*
- *A rotating ramp will further increase the cleaning effect and water savings. Please see the separate product sheet.*
- *Control cabinets and valve stations use asi bus communication. Valve stations are also available with multi-conductor connection for external control. Specified when ordering. Wiring is offered on request.*
- *The control cabinet is always connected to the internet. Either directly or via VCC II unit with LTS.*