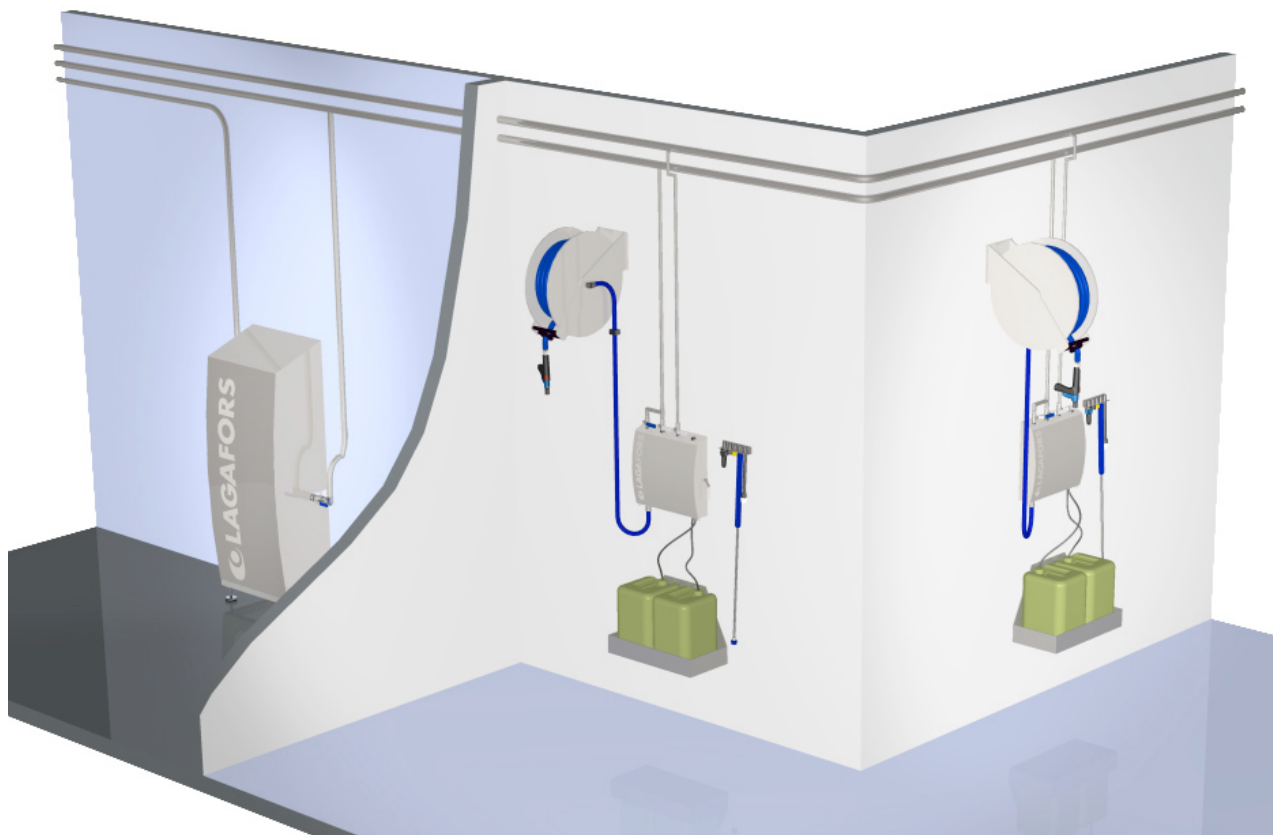


LAGAFORS® DECENTRALIZED CLEANING SYSTEM DCS



DESCRIPTION & FUNCTION

The new Lagafors® Decentralized Cleaning System, DCS, helps companies in the food industry achieve first-class hygiene while at the same time delivering flexibility in the cleaning process. The DCS cleaning system is comprised of four main components that together comply with the highest capacity, performance and quality standards.

The main components supply the right pressure, flow and solution concentration to the places where they are needed. When used together with the Triggless® II spray gun, these components provide excellent ergonomic advantages.

Normally, the water pump unit is placed in a centrally located room. From this room, pipes are run to satellite stations located in the production area. Each satellite station is comprised of a hose reel with hoses for water, chemical solution and disinfectant solution. The Triggless® II spray gun and the PCN pre-cleaning nozzle are located by the hose.

The Lagafors DCS is suitable for installations of all sizes, but when using larger systems (>5 satellites), you should also consider installing a Lagafors CCS, Central Cleaning System.

DECENTRALIZED
CLEANING SYSTEM

Features	Benefits	Facts
Water pump unit	Flexible pressure and flow	Desired pressure and flow for up to five simultaneous users
VMS-DC satellite station	Hygienic design	User-friendly
Injector dosaging	Flexible	Easy to switch chemical
Triggless® II	Ergonomic, flexible and efficient spray gun	No trigger, 0-200 bar, reduced muscle strain
Pre-Cleaning Nozzle, PCN	User-adjusted pressure and flow	Efficient cleaning from 0.3 to 7 metres, with optimal water-consumption

THE FOUR MAIN COMPONENTS

Local distributor:



Water pump units

The water pump centre is an essential component of the cleaning system. Lagafors offers a wide variety of pumps and customers can choose between different pressures (20-80 bar) as well as flow capacities for various numbers (1-20) of simultaneous users. Furthermore, many of our units are already prepared for expanding flow capacity.



Variable Media Satellite (VMS)

The newly developed Variable Media Satellite (VMS) is a hygienically designed satellite station which can be connected to any of Lagafors's water pump units and the variable chemical centre (VCC). Up to three different media (normally chemicals, disinfectant and water) can be distributed through the VMS. The VMS is user-friendly, easy to maintain and appreciated within demanding industry for its robustness.



Spray Gun (Triggless® II)

The patented Triggless® II spray gun is ergonomically designed to reduce muscle strain on the operator. The gun uses the reaction-force of the water to keep the valve open instead of a traditional trigger. It is light weight, safe whilst used with one hand and suitable for all pressure levels up to 200 bars. During operation the Triggless® II can be held in different ways to improve flexibility and efficiency. It also features a "dead man's" grip, i.e. the water flow is shut off if the gun is accidentally dropped.



Pre-Cleaning Nozzle (PCN)

The patent pending Pre-Cleaning Nozzle (PCN) enables the user to control the water pressure for long or short distance cleaning, i.e. 0.3–7 metres. The purpose is to use the PCN instead of a high flow water-hose in the pre-cleaning stage. Correctly used, this method can significantly reduce the water consumption. The weight of the Pre-Cleaning Nozzle is only 125 grams.

For more information on each component, see separate product sheets.