

VARIABLE CHEMICAL CENTRE - VCC II / 140



Lagafors'® unique, centralized chemical dosing system VCC II, Variable Chemical Center, developed for the food industry. In our development efforts, we have focused on increased capacity and flexibility, improved materials and components, as well as enhanced personal safety. Other features are much more efficient maintenance and technical service. This unit is comprised of a pressure pump, 1-4 chemical dosing modules and a controller. A dosing precision of +/- 0,1% of the chemical solutions provides optimal chemical concentration with maximal results. The unit can dose up to 4 simultaneous chemical solutions. Through the years, the VCC II has been shown to be especially suitable for environments with high demands on hygiene and resource consumption, such as slaughterhouses, dairies, breweries, the fish and meat processing industries and large-scale kitchens.

- Main Components: pressure pump, 1-4 chemical dosing modules and PLC Siemens S7-1200.
- LTS compatible, giving the customer full control over their cleaning process.
- High dosing precision (+/- 0.1%), which guarantees low chemical consumption.
- Capacity of 1-24 simultaneous users (6-140 lit/min (1.5 - 18 US gallons/min)).
- Flexible, can handle various combinations of up to four chemical solutions.
- Level indicator with alarm is standard.
- Dosage 1-6% standard. Low dose 0.005-0.5% on request.

Features	Benefits	Facts
High dosage accuracy (+/- 0,1%)	Less environmental impact	Lower chemical cost
Constant chemical concentration	No concentration fluctuation	Reduced chemical consumption
Central storage of chemicals	No concentrated chemicals in production area, less handling of chemicals	Reduced risk of accidents with chemicals, no waste problems in chem tanks
Central dosage	Purchase of chemicals in containers	Reduced cost per liter of detergent, saving time when changing
Separate water systems	Possibility to set desired temperature of diluted chemical solution	Optimal chemical efficiency, improved working environment, reduced amount of aerosol

Technical information Lagafors® Variable Chemical Centre VCC II								
Model	140 T/SSS	140 T/DS	140 T	140 Q/SSSS	140 Q/DSS	140 Q/DD	140 Q/TS	140 Q/Q
Dosing pumps	3			4				
Outgoing water pressure	8 bar							
Water consumption	0-105 lit/min			0-140 lit/min				
Capacity (6 lit/user)	1-18 users			1-24 users				
Surrounding temp.	5-30 °C							
Connections incoming media (Internal thread)								
Water incoming	ISO-G 1 1/4"							
Water supply, flow	170 lit/min							
Water supply, pressure	3-6 bar							
Water temperature, max	30 °C							
Air (6-8 bar at 1000 lit/min)	ISO-G 3/8"							
Connections outgoing media (Internal thread)								
Chemical solution to satellite	3 x ISO-G 1/2"	1 x ISO-G 1" 1 x ISO-G 1/2"	1 x ISO-G 1"	4 x ISO-G 1/2"	1 x ISO-G 1" 2 x ISO-G 1/2"	2 x ISO-G 1"	1 x ISO-G 1" 1 x ISO-G 1/2"	1 x ISO-G 1 1/4"
Air to satellite	ISO-G 3/8"							
Electricity								
Voltage	3 x 400 V+PE / 50/60 Hz (other specifications on request)							
Current	4,6 A							
Power	2,2 kW							
Dimensions								
Measur. WxDxH (excl. cabinet)	1150 x 450 x 1910 mm							
Weight, approx.	160 kg			170 kg				

The data is subject to variation and the producer reserves the right to change design specifications without notice.
- Protective cover included and available separately.



Lagafors® VCC II / 140 Q