

## Main facts at a glance



In addition to the flush breather unit and the drain-kit, used once per drinker line, a drain pipe\* must be installed for the automatic flush system. Other required components are the pressure regulator Optima E-Flush and the controller LUBING Touch Control LCW and if necessary additional flush boxes.

### Versions of the automatic flush system

	Support profile	Connection	Optima E-Flush for profiles with		LUBING Touch Control LCW	Extension boxes
			22 x 22 mm	28 x 28 mm		
Floor management	Aluminium Profile	Front	3251-01-00		4482	4483
		Middle	3251-03-00			
	Turkey Profile	Front		3252-01-00		
		Middle		3252-03-00		
	Conduit support	Front	3253-01-00	3254-01-00		
		Middle	3253-03-00	3254-03-00		
Cage- or aviary management		Front	3255-01-00	3256-01-00	4482	4483
		Middle	3255-03-00	3256-03-00		

The controller is designed for use with supply voltages ranging from 90 to 264 V 50/60 Hz. The actuators are supplied from the controller with 24 V DC.

### Your advantages at a glance:

- saving a lot of time compared to manual flushing
- regular flushing helps against biofilm formation in drinking lines
- lower mortality rates
- improved weight gain
- monitoring of the drinking water temperature by function „Temperature-flushing“
- precise flushing of the drinking line with treated water till the end of the drinking line by „Refill“ function
- simple flushing of all drinking lines after medication
- safe shutdown of the flush function during medication
- cost-effective solution compared to a chemical potions line remediation

\* Please observe the legal requirements for wastewater treatment.

## Automatic flush system



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Climate-Systems



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your Drinking-System

# Automatic flush system for floor management

The LUBING flush system consists of the following elements:

1. **LUBING Touch Control LCW**
2. **Optima E-Flush**
3. **Flush breather unit**
4. **Drain-kit**
5. **Drain pipe**

### 1. LUBING Touch Control LCW

With the controller, the following values can be adapted to your individual needs:

The duration of the flushing process. The flush duration time has to be adjusted depending on the length of the drinking line.

The start time of flushing. Each drinking line is flushed separately. Further information about the controller LUBING Touch Control LCW see the accompanying prospectus.

### 2. Optima E-Flush

The pressure regulator Optima E-Flush is preassembled and with mounting of the actuator ready for automatic flushing. The actuator is supplied from the controller with the required voltage of 24 V DC.

### 3. Flush breather unit

At the end of each drinking line a flush breather unit is installed. The valve of the breather unit will be closed by the flushing water pressure.

### 4. Drain-kit

The drain-kit is a hose connection between the flush breather unit and the drain pipe in order to conduct the flushing water outside.

### 5. Drain pipe

With the drain pipes the flushing water is conducted to an appropriate location outside.

### LUBING Touch Control LCW

With the LUBING Touch Control LCW up to 10 drinking lines can be automatically flushed. The flush functions can be adapted to individual needs in the menu.



### Optima E-Flush

With the new developed flush valve for the pressure regulator and the actuator is everything prepared for the automatic flushing. No other attachments are needed.



### Actuator

The actuator opens and closes the flush valve in the pressure regulator. During a power failure the drinking line can be flushed by hand.



### Flush breather unit

The flush breather unit works fully automatic and the breather valve will be closed by the water pressure during the flushing process.

# Automatic flush system for cage- or aviary management

### LUBING Touch Control LCW

LUBING Touch Control LCW for controlling of the extension boxes. The flush functions can be adapted to individual needs in the menu.



### Extension boxes

The extension boxes for each 8 additional pressure regulator Optima E-Flush can be expanded in series to any number.



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