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

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<th>Support profile</th>
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</table>

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 for floor management

The LUBING flush system consists of the following elements:

1. **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.

2. **Optima E-Flush**
   - With the new developed flush valve for the pressure regulator and the actuator everything is prepared for automatic flushing. No other attachments are needed.

3. **Flush breather unit**
   - The 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.

**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.

**Optima E-Flush**
- 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**

The LUBING flush system consists of the following elements:

1. **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.

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.

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