

# Disinfection at the rinser – efficiently and safe

## OZONFILT® OMVa RI 3-500 ozone system



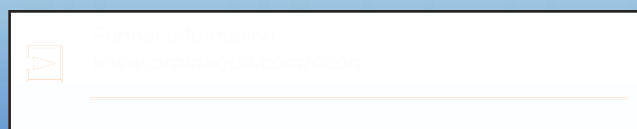
The system efficiently produces ozonised water. For this purpose, water is stored in the tank and constantly replenished during use. The water is continuously circulated through the tank by means of a bypass pump, the current ozone level is measured and the ozone generator injects ozone into the bypass corresponding to the specified target values. As soon as the setpoint is reached, the delivery pump can feed ozonised water to the rinser.

### Advantages:

- Ozone generation and metering up to 2.0 ppm
- Capacity up to 3m<sup>3</sup>/h water for rinser supply
- Compact system
- Measured value-dependent control
- Ozone monitoring
- Buffer tank
- Other sizes available
- Reaction tank: The ozone reacts with the table rinser water here. Volume: 500 l, material: Stainless steel 1.4571
- Control: with a Siemens S7 control system. Operation: with a Siemens TP touch panel. The control system processes the incoming data (filler, ozone measurement, level monitoring, ozone production) and transfers these data to the peripherals.
- Gas warning unit: Mounted under the ozone generator (O<sub>3</sub> is 1.5 times heavier than air and collects close to the ground). The unit triggers a warning if defined ozone levels in the atmosphere are exceeded (maximum workplace concentration: 0.2 mg/m<sup>3</sup>). Automatically switches off ozone generation on exceeding the maximum workplace concentration.

### Features

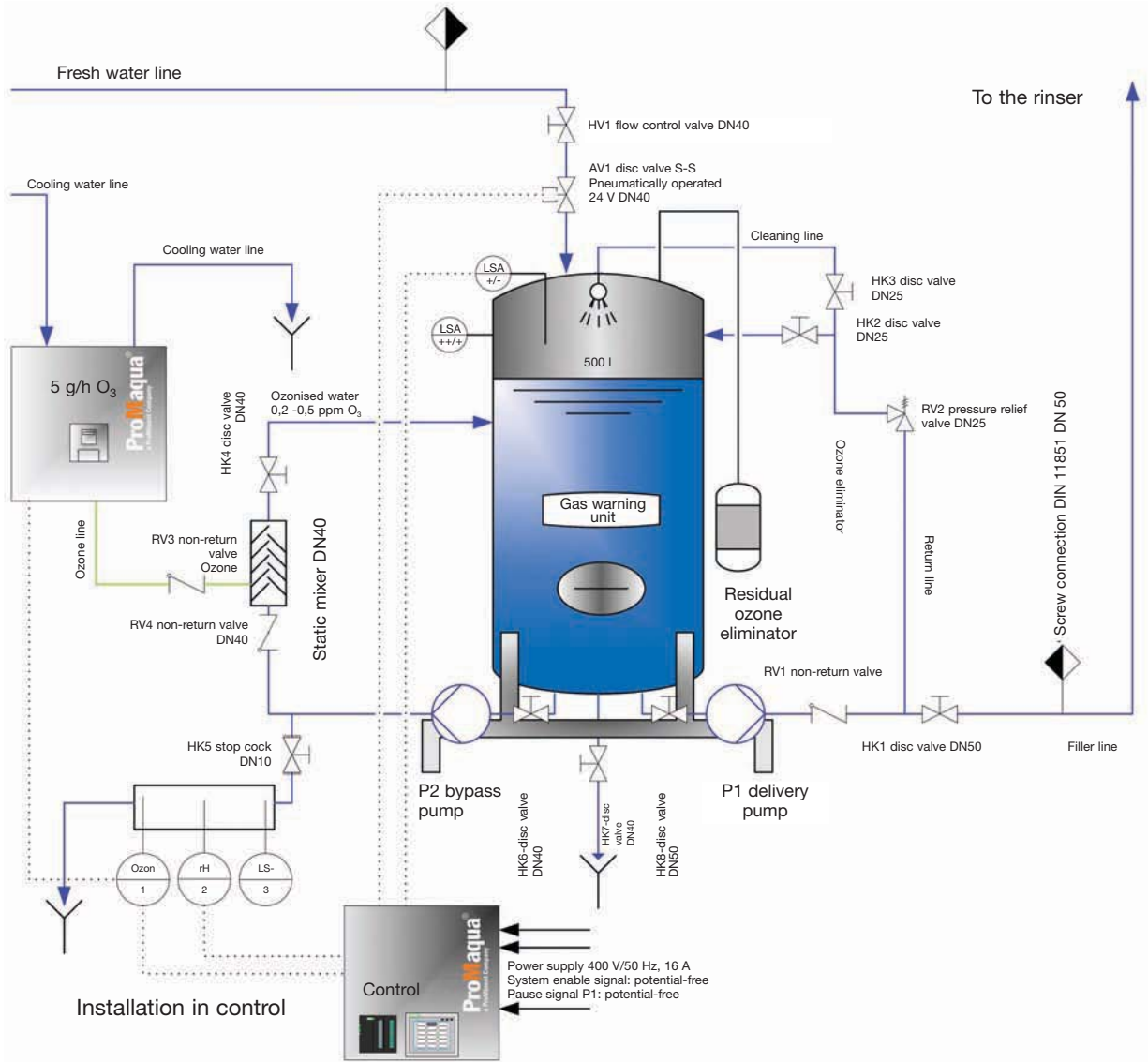
- Ozone generation: OZONFILT® OZVa 1, ozone output 5 g/h
- Residual ozone eliminator: Removes traces of ozone gas in the exhaust air coming from the reaction tank
- Delivery pumps:
  - Bypass pump – pumps the water to be treated in the circuit where O<sub>3</sub> level measurement and ozone metering take place
  - Product pump – delivers the ozonised water to the rinser



# Ozone system for disinfection at the rinser

Delivery capacity 3 m<sup>3</sup>/h rinser water

Screw connection DIN 11851 DN50



Experts in Chem-Feed and Water Treatment



Subject to technical modifications.

**HALPIN & HAYWARD Ltd**  
 Unit 2 Churchtown Business Park,  
 Beaumont Avenue,  
 Dublin 14, IRELAND.  
 +353 1 2967188  
 www.halpinandhayward.com