

Disinfection

DWC Y 500 Inline

This Ozone disinfection unit is installed inline with the water pipe. It features a built-in water flow sensor so that when water flows, the machine can automatically switch on and produce ozonated water.

It is particularly beneficial to disinfect piping infrastructure within the house or larger water distribution networks.

One of the benefits of ozonated water is the longer reaction time within the water compare to UV disinfection meaning that even water storage devices like bottles, cans or buckets will still be disinfected for a certain period.

The downside is that ozonated water should not be consumed as drinking water straight away – only after ozone has been evaporated.

Used also as a polishing stage for treated waste water leaving a waste water treatment system it will instantly disinfect the effluent and offers hygienically safe water for direct reuse in toilet flushing or other purposes.

Treating even effluent from decentralized waste water treatment technologies like constructed wetlands or SBR will polish the effluent and make it ready for safe and direct reuse as hygienically safe process water used in toilet flushing or other purposes.

Small hotels, irrigation schemes, houses or basically anyone who needs disinfected water either for drinking or process water purposes is well suited for this unit.



Specification

Input power:	220 V AC / 50 Hz
Power consumption:	40 - 55W
Humidity:	<80%
Temperature range:	0 - 35°C
Dimensions:	370 x 280 x 130 mm
Water operation pressure:	0.25 - 0.6 Mpa
Water Flow:	5 – 15 l/min
Ozone Concentration:	0.1 -0.3 mg/l
Water temperature:	10°C - 40°C
Weight:	11.7 kg

