



UVGERMI®

ULTRAVIOLETS DE HAUTE TECHNOLOGIE

*Specialist in
livestock farm water treatment
using ultraviolet reactors..*

● ○ ● MADE IN FRANCE

16000432_A_FT10

GERMICHLORE 6

> Flow rate: up to 6 m³/h

The **GERMICHLORE 6** is particularly recommended for the treatment of water for animal consumption. UV treatment can be combined with chlorination to implement a double-barrier approach. If either treatment process is shut down for technical purposes, the water can continue to be supplied safely because one of the two disinfection methods will still be active. Implementation of UV treatment upstream of the chlorination process enables a reduction in the amount of chlorine injected and thus improves the taste of the water.

TECHNICAL SPECIFICATIONS

Equipment to treat a water flow rate up to 6 m³/h

UV LAMP

Total electrical power:	75 Watts (1 lamp)
Germicidal power:	25 Watts UVC
Lamp service life:	9,000 hours or 1 year (maximum limit of 5 starts per 24-hour period)

UV REACTOR

Treatment chamber:	Stainless steel 316L
U-shaped entry/exit:	1" (PVC 32) screw
Maximum pressure authorised:	3 bars
Aluminium plate dimensions:	460 x 980 mm

Full warranty: 1 year
After-sales in France



ELECTRICAL BOX AND DOSING PUMP

Dimensions:	204 x 75 x 54 mm
Power supply:	230 V/50-60 Hz
1 light indicator for lamp operation and 1 light indicator for lamp fault	
1 day counter	
Audible alarm if the lamp shuts down or reaches its end of life	
Chlorine injection pump with water meter	

ASSOCIATED PRODUCTS

UV lamp 55 Watts:	14000101
Quartz sleeve:	14000051
O-ring:	14000088

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INSTALLATION

The **GERMICHLORE** should be mounted on the wall. To enable easy maintenance of the unit, leave space of at least 1 m on the UV lamp exit side and install valves to isolate it. The effectiveness of the treatment depends on the transparency of the water. We strongly recommend installing a filtration system with a 25 µm filter screen to eliminate suspended solids before the UV treatment.

The **GERMICHLORE** must be protected from "water hammer" and strong vibrations. It must be protected from freezing temperatures and humidity. It must not be operated outdoors.

MAINTENANCE

Maintenance is limited to the replacement of the UV lamp, verification of the level of chlorine in the can and replacement or cleaning of the sleeve. The UV lamp has a maximal service life of 9,000 hours, after which water disinfection is no longer guaranteed. The quartz sleeve protecting the lamp makes lamp replacement much easier. The quartz sleeve may become clogged or lime scale deposits may form. It should be cleaned with mild acid.

When cleaning the sleeve, we recommend checking the O-ring seals. The strainer and injection flap of the chlorine pump must be cleaned once a year. The chlorine solution should be replaced at least once a year (reduction of the chlorine concentration).

