

# AQUACONTROL



EWAC  
**MEDICAL**  
*We get you moving*

## What is an Aquacontrol?

The Aquacontrol is a compact filtration unit that can be used with the models 4 and 5 of the butterfly bath and the rectangular bath.

The Aquacontrol filters the water, heats it up to a pre-selected water temperature and controls the disinfection of the water.

The Aquacontrol has an automatic timer, to start and stop the program automatically.

If the bath is constantly in use, or if a constant chlorine level is required in the bath then an automatic dosing and monitoring unit to control the chlorine level can also be supplied as an extra option. The pH level also appears on the display, but is not automatically corrected.

This optional control unit keeps the free chlorine automatically at the correct pre-selected level. This guarantees optimal disinfection of the water in the bath.



## Product information

The Aquacontrol unit can be used with the EWAC butterfly or rectangular bath. It is placed right next to the bath and is connected directly to the bath with flexible hoses. It can be fitted to model 4 and 5.

The Aquacontrol consists of a circulation pump, cartridge filter, electric heat exchanger, dosing pump, storage tank for the chlorine, relay, and controls.

The control panel has switches for manual or automatic use. If used manually the circulation pump and/or dosing pump can be turned off. If used automatically the built-in timer controls everything automatically. This helps to keep energy costs to a minimum.

Various safety measures have been implemented, e.g. if the circulation pump is not working then the chlorine will not be pumped into the water and the heater will switch off. The pre-selected temperature of the water will be closely monitored and if necessary the water will be heated up. Special safety measures have also been taken for the unlikely event of overheating.

The outside casing of the Aquacontrol is easy to remove, providing good access for maintenance or service. The filter cartridge can be removed easily from the tank for cleaning. It is recommended to have a second cartridge filter, to be able to clean and exchange the first filter and not losing therapy time.

The optional chlorine dosing unit is a control unit built into the Aquacontrol. It consists of a monitoring panel, a measuring cell with electrodes for the chlorine and pH and, a dosing and monitoring amplifier.

The values of the free chlorine and pH appear on a display. If the chlorine level goes below the preselected setting then a signal is automatically sent to the dosing pump to inject more chlorine into the water. This ensures optimal disinfection of the water.



### Specifications and technical data

Filter type:	Polyester cartridge filter
Circulation pump:	Capacity 7 m <sup>3</sup> /h
Disinfection system:	Dosing system for chlorine with an automatic dosing and monitoring panel as an extra option
Disinfectant:	Chlorine granules
Capacity c	Chlorine tank: 10 litre
Heating:	Electric
Capacity:	6 kW
Temperature control	Electronic with display
Voltage and frequency:	3 x 230/400 V - 50Hz (optional 60Hz)
Max. tolerance	+/- 15%
Power input:	max. 7,5 KVA
Size (l x w x h)	640 x 575 x 820 mm
Weight: approx.	50 kg
Safety rating:	I type B, conform IEC 60601

### Ordering data

*Aquacontrol filtration systems for butterfly & rectangular baths type 4 and 5*

23-0001-000	Aquacontrol 6 KVA, 230/400 V, 50 Hz
23-0004-000	Aquacontrol 6 KVA, 230/400 V, 50 Hz + autom. chlorine feeder

### Accessories

35-0000-020	Photometer for determining pH and chlorine
35-0000-002	Phenol red test tablets (pH)
35-0000-003	DPD 1 test tablets (chlorine)
35-0000-006	Buffer liquid pH7 (for autom. measuring unit)
35-0000-011	Pool chlorine granules, bottle 5 kg, 60 %
35-0000-012	pH minus granules, bottle 3 kg