

CF CONTROL 100 – Chlorine

CF CONTROL 100 – Chlorine-free



The most versatile measuring, control and dosing system in its class.

Includes remote visualization via smartphone, tablet, PC, etc.
Includes filter and heating control



Can now be conveniently controlled remotely via smartphone, tablet, etc. around the clock.

An uncompromising offer

CF CONTROL 100 – Chlorine

The compact CF CONTROL systems have more to offer

Art. no.: 0110-657-91

- Remote visualization from 2nd quarter 2019
- Measurement and control of chlorine water care products
- Measurement and control of ph value
- Filter and heating control
- Temperature display
- Temperature control, optionally via heating or solar circuit
- Plexiglas flow measuring cell
- Sample water monitoring
- ORP glass electrode

You have more requirements? No problem.

The following additional features are available optionally:

- pH raise or
- POOL-IZEI dosing

And optionally:

- Temperature sensor Water PT 1000 | 0991-354-00
- Temperature sensor Solar PT 1000 | 0991-356-00
- Submerged tube for temperature sensor Water | 0986-151-90
- Remote access (via in-app purchase) from 2nd quarter 2019

CF CONTROL 100 – Chlorine-free (Active oxygen/Poolcare)

Art. no.: 0110-649-90

Same as chlorine with following differences:

- Water care with Poolcare (time-controlled)

CF CONTROL 100 – pH

Art. no.: 0110-659-91

Same as chlorine with following differences:

- Measurement and control of ph value without disinfection
- 1 dosing pump

Option for all systems:

- Fiber filter | 0101-200-00

→ **Delivered pre-assembled on a wall mounting plate, ready for connection.**

→ **For outdoor & indoor pools up to 100 m³ and for all whirlpools.**

Technical data

Voltage:	100 - 240 V +6 % / -10 %, 50/60Hz
Power consumption:	10 VA
Protection class:	IP 65
Dimensions housing (w x h x d):	approx. 215 x 185 x 100 mm
Dimensions wall mounting plate (w x h x d):	approx. 600 x 350 x 115 mm
Weight (complete system with 2 dosing pumps):	approx. 5.5 kg
Permissible ambient temperature:	0 °C to 50 °C
Permissible storage temperature:	- 20° C to + 65° C
Permissible humidity %:	Max. 90 % at 40 °C (non-condensing)
Storage temperature pH electrode:	- 5° C to + 40° C
Switch-on delay:	20 minutes (adjustable: 0 - 25 minutes)
Controller:	pulse length proportional (adjustable 10 - 100 %)
Operation:	via smartphone, tablet etc. or keypad
Display:	graphic, full text, coloured during remote operation or numeric, 2 displays with 3 digits each, self-luminous, 6 function LEDs
Interface:	WiFi for remote connection
Filter control:	Filter control manual (On/Off) or automatic with time switch. For filter pumps 1-phase 230V up to max. 0.75kW. Larger pumps require a contactor.
Heating and solar control, temperature control:	Solar temperature -20° C to 120° C Pool water temperature 0° C – 45° C Temperature control optionally via solar or heating circuit.
Dosing pumps: (pump for disinfectants can be deactivated)	
Pump hose:	compl. with connectors 6/4 mm
Capacity:	max. 6.0 l/h at a counter-pressure of max. 1.0 bar
Redox measurement and control:	
	measurement via redox electrode, wear-free, "Redox mV" is displayed
Continuous dosing control:	60 minutes (adjustable: 0 - 99 minutes)
Default set point:	600 mV
P-band:	100 mV
Minimum switch-on pulse:	1 sec.
Pulse interval time:	10 - 100 sec. (adjustable)
Limit value lower upper/lower:	900 mV/300 mV
Chlorine-free control:	
Continuous dosing control:	60 minutes (adjustable: 0 - 99 minutes)
Dosing time chlorine-free	time-controlled, individually adjustable
Filter runtime:	daily (6-24h)
Basic setting filter runtime:	12h
pH measurement and control:	
pH measurement:	via combination electrode with KCL filling
Measuring range:	2 - 9.99pH
Resolution:	0.01 pH
Default set point:	7.2 pH
P-band:	0.5 pH
Minimum switch-on pulse	1 sec.
Pulse interval time:	10 - 100 sec. (adjustable)
pH control direction:	pH raise/pH reduce switchable
Continuous dosing control:	60 minutes (adjustable 0 - 90 minutes)
Temperature compensation:	28° C
Control range:	5 - 9 pH
Calibration:	manual with calibration solution pH 7.0 + pH 4.0
Electrode check:	by adjusting slope and zero offset
Alarm:	Activation in case of a sample water deficiency and dosing alarm. Deactivation of the dosing function. Alarm relay with potential-free two-way contact.