

CF CONTROL 100 RUN EASY - Chlorine

CF CONTROL 100 RUN EASY - 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



**Now with convenient
 around the clock
 remote control via
 smartphone, tablet,
 etc.**

An uncompromising offer

CF CONTROL 100 RUN EASY – Chlorine

The compact CF CONTROL systems have more to offer

Art. no.: 0110-656-91

- 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
- ORP glass electrode
- Screw adapter and tapping clamps

You have more requirements? No problem.

The following additional features are available optionally:

- pH raise or
- POOL-IZEI dosing

Also optionally:

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

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

Art. no.: 0110-648-90

Same as chlorine with following differences:

- Water care with Poolcare (time-controlled)

CF CONTROL 100 RUN EASY – pH

Art. no.: 0110-658-91

Same as chlorine with following differences:

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

→ **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

Mains 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. 470 x 350 x 115 mm
Weight (complete system with 2 dosing pumps):	approx. 4.6 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: (Disinfectant pump 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 solutions pH 7.0 + pH 4.0
Electrode check:	by adjusting slope and zero offset
Alarm:	Activated in case of a dosing alarm. The dosing function is deactivated. Alarm relay with potential-free two-way contact.