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FILTER TECHNOLOGY

Filter controls

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Filter controls - quality comes first. They work around the clock, seven days a week. During this time, they monitor and coordinate important functions of your swimming pool. dinotec filter controls are characterized by a maximum of flexibility and customization to meet the individual needs of pool owners.

FILTER CONTROLS

CF FILTER CONTROL

The filter control system that combines safety and convenience



New version:
Expected to be available from March 2025

PRODUCT INFORMATION

- + The affordable solution for safely managing smaller pools.
- + Easily program your filter pump and switch your pool lighting (up to 50 W) on and off.
- + Easy to install, pre-assembled circuit breaker included.

Features:

- Dovetail wall mounting: drill, align, and screw without the hassle of precise marking.
- Opens and closes with two quick-release screws.
- Ergonomic grip edges for safe handling during installation.
- Easy operation via switches on the front panel and intuitive pictograms.
- Improved handling and connections thanks to the recessed base of the box.
- Simplified wiring through the foldable front panel and cable glands positioned opposite the terminal screws.
- A strain relief prevents the power cable from being pulled out.
- Input/output via cable gland.
- Housing IP 20

	DESCRIPTION	ART. NO.	
	Filtration		
	• (Pump power in KW / operating voltage in V)		
	0.75 / 230	☀️ BOXF461	D
	1.5 / 230	☀️ BOXF6310	D
	2.2 / 400	☀️ BOXF463	D
	Filtration + Light		
	• 1 x 50 W maximum light output		
	• (Pump power in KW / operating voltage in V)		
	0.75 / 230	☀️ BOXFL50461	D
	1.5 / 230	☀️ BOXFL506310	D
	2.2 / 400	☀️ BOXFL50463	D

INFORMATION

PRODUCT

Further performance levels are available on request.

FILTER CONTROLS

CF VS

Flow regulator

CF



PRODUCT INFORMATION

- + Energy savings of up to 63%*
- + Noise level reduced by up to 30% decibel*
- + Easy to operate
- + Touch screen, intuitive operation

- Can be adapted to most single-phase pumps on the market
- Optimizes the service life of single-phase pumps by varying the speed: no need to buy a variable speed pump
- Ecological: Since the pump performance can be perfectly adapted to the requirements in the pool, it is possible to operate at a slower flow rate at times. This reduces energy consumption and, in turn, lowers greenhouse gas emissions.
- 3 predefined modes: Silent (1,400 rpm) / Eco (2,200 rpm) / Boost (2,900 rpm). Each speed can be adjusted in increments of 50 rpm.
- An auxiliary contact is provided to implement servo controls
- A clock function enables 4 programming ranges per day
- Clearly arranged display of energy consumption in real time on touch screen
- Fast ROI possible for your customers for new constructions, renovations or retrofitting (less than 36 months)
- *Data certified by TÜV Rheinland (German Technical Inspection Agency)
- Essential addition to the filter system when changing from filter sand to Vitrosphere filter material to make optimum use of the filter system

	DESCRIPTION	ART. NO.	
	CF VS • Speed controller 1100W	 COFVS01	D
	CF VS • Speed controller 2200W	 COFVS02	D

ENERGY SAVINGS

ECO mode up to **-51.7%**

QUIET mode up to **-63.1%**

REDUCTION OF VOLUME

ECO mode up to **-23.5%**

QUIET mode up to **-29.7%**

Data certified by TÜV Rheinland®



Level Control SOLO



PRODUCT INFORMATION

The Level Control SOLO is a stand-alone unit for hydrostatic level measurement, and display and control of fluid levels in open tanks. The measured value is visualised on a display; there are different evaluation methods available. Accurate to the centimetre, continuous filling level measurement with signal transfer. No probe alignment required, most simple installation.

Must never be installed right in the pool. The switching thresholds for triggering of certain activities or alarms are adjusted via the display (parameter settings).

Application examples:

- + Surge tank
- + Storage tanks
- + Pumping systems
- + Rinse water tank
- + etc.

Basic functions:

- + Dry-running protection
- + Filter pump ON / OFF
- + Refilling
- + Overflow alarm / forced activation

Protection class:	IP 65
Supply voltage:	110/230V, 50/60Hz or 24V DC
Switching contacts:	1x 230V/6A 1x 24V/0.5A
Measuring range:	0 - 350 cm
Measuring hose:	4/6 mm/max. 20 m length
Resolution:	1 cm



DESCRIPTION	ART. NO.
Level Control SOLO	0960-300-90 C

FILTER CONTROLS

Combitrol SLIMATIC

Multifunction filter and backwash control - patented.

**PRODUCT INFORMATION**

Compact filter control and automatic backwash unit for direct installation on 6-way central valve of the filter system. Particularly suitable for retrofitting into existing systems.

The actuator with integrated filter and backwash control is simply exchanged for the manual operating lever on the 6-way valve.

Equipment:

- + Large illuminated display, alphanumeric
- + Filter operation manual/automatic
- + Filter time program
- + Heating control
- + Temperature display
- + Programming of backwash times
- + Operating hours counter filter pump and heating
- + Filter pump run-on
- + Alarm message
- + Connection flow control and connection dosing equipment
- + IP 54
- + Complete with water temperature sensor.

The adapter head can be found in the housing.

The 6-way valve is not included.

Starting with device series from March 2007, the SOLAR function is integrated in all Combitrol SLIMATIC units.

When connecting a SOLAR temperature sensor (to be ordered separately), the function SOLAR control is activated via the menu navigation of the Combitrol SLIMATIC. Options: SOLAR or pump-hot water-heating.



DESCRIPTION	ART. NO.
Combitrol SLIMATIC	
Suitable for valves Praher make.	
Valve size 1½" and 2"	0960-261-00 C
Valve size 3"	0960-264-00 C

ACCESSORIES

DESCRIPTION	ART. NO.
 TEMPERATURE SENSOR	
Water PT 1000	0991-354-00 B
Solar PT 1000	0991-356-00 B
IMMERSION TUBE FOR TEMPERATURE SENSOR WATER	0986-151-90 B

INFORMATION**PRODUCT**

In combination with the Level Control SOLO, the Combitrol SLIMATIC is ideal for pools with overflow gutter.

FILTER CONTROLS

Combitrol FLEX

Multifunction filter and backwash control - patented



PRODUCT INFORMATION

The top model with a multitude of functionalities. The flexible parameterization allows the Combitrol FLEX to be extended during commissioning and also at a later time, while in operation.

Equipment/Features:

- + Display of water and solar temperature, time, filtration stage, operating states, backwash intervals, operating hours counter, service display, etc.
- + Setback operation (gutter shutdown, recirculation via suction in the pool with roller covers closed)
- + Filter time program for up to 10 independent switching times
- + Filter run times (eco operation pump speed 1, normal operation pump speed 2)
- + Backwash, rinse 230 V (pump speed 3), BESGO valve
- + Control of filter operation "manual" and "automatic"
- + Automatic temperature control for heating and solar operation, including temperature sensor (water)
- + Integrated use of residual heat and overheating protection by adjustable run-on time for filter pump
- + Integrated dry-running protection with built-in flow switch
- + Flow control in the main stream (via flow switch)
- + Control of attractions via time switch
- + Night temperature setback (ECO mode)
- + Forced stop in case of a moving roller cover
- + Remote on / off
- + Option for connection of measuring, control and dosing equipment (also potential-free)
- + Option for connecting a Level Control SOLO surge tank control, including dry-running protection and forced switch-on
- + Option for connection of ultrasonic level sensor as level control in surge tank
- + Optional automatic backwash for 6-way valve (together with a Combitrol IMPULS)
- + Optional solar function (separate solar sensor required)
- + IP 54
- + Complete with water temperature sensor.



With solar control

- Optional control of a solar valve or an additional solar booster pump
- Additional temperature sensor for recording of solar temperature required
- Control of heating operation by selecting "Summer" (including solar priority circuit) or "Winter" mode

DESCRIPTION	ART. NO.	
Combitrol FLEX	0960-248-00	C

ACCESSORIES

	LEVEL FLOAT with 5 m cable	3049-212-00	B
	BRACKET AND ANGLE FOR LEVEL FLOAT	0960-254-00	C
	SOLENOID VALVE FOR FRESH WATER REFILL • 230 V • R 1/2"	2270-048-00	D
	ULTRASONIC SENSOR For level measurement in surge tanks with Combitrol Level, Combitrol Backwash, or Combitrol FLEX	0991-350-00	C