Fully automatic Pool Control

Smart.
Simple.

For private public and natural pools.

AQUACOACH
+ AQUASTAR

RESPONSIBLY PRODUCED

Fully Automatic Polyester-Filter with Back Wash Valve AQUASTAR®

Configuration of an individual filter system

POLYESTER SAND FILTER

3 YEARS WARRANTY — d500–900

☐ **VIENNA laminated**
transparent filter lid

With original Praher 6-way back wash valve (manual), incl. glued piping set, service opening 17,5 cm. manometer, manual aeration, neutral single packing, drain valve

3 YEARS WARRANTY — d400–1200

☐ **SALZBURG bobbin wd.**
black filter lid

With original Praher 6-way back wash valve (manual), incl. glued piping set, service opening 17,5 cm. manometer, manual aeration, neutral single packing, drain valve

5 YEARS WARRANTY — d510–900

☐ **INNSBRUCK laminated**
transparen filter lid

With original Praher 6-way back wash valve (manual), incl. glued piping set, service opening 20 cm. manometer, manual aeration, neutral single packing, +40°C temperature resistance

10 YEARS WARRANTY — d410–1000

☐ **BREGENZ laminated**
black PPGF filter lid

With original Praher 6-way back wash valve (manual), incl. glued piping set, service opening 20 cm. manometer, manual aeration, neutral single packing, +40°C temperature resistance, service opening 20 cm

Warranty only valid for filter body.

➕ AQUASTAR BACK WASH VALVE

	easy 1001	easy 4001	mp	comfort 3001	comfort 4001	comfort 6501
Time switch	•	•			•	
Pressure switch		•			•	•
Digital timer				•		•
Filter pump clock						•
Manual override available		(optional)	•	•	•	•
IP65	•	•	•	•	•	•
Volt actuator 24V AC/DC, 100–240V AC (50–60 Hz)	•	•	24 or 230V AC	×	•	•
waste, filter, back wash, rinse	•	•	•	•	•	•
circulate	•	•	•	•	•	•
closed			•			
Pump connection						
Potential free connection for ball valve E0510	•	•	•	•	•	•
1½", 2"	•	•	•	•	•	•
3"			•	•	•	•
SafetyPack 1½", 2" (optionally recommended)				•	•	•
Filter sizes	300, 350, 400, 460, 500, 600, 710, 750, 800, 900, 1050					

⬛ INDIVIDUAL FILTER SYSTEM

Polyester Sand filter model	Dimension	AQUASTAR model	24V AC/DC	100–240 V AC	SafetyPack

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Fully Automatic Pool Control AQUACOACH

AQUACOACH ➕ AQUASTAR

The new AQUACOACH pool control series made by Praher Austria offers more possibilities and is easy to handle. An extra ordinary useful innovation for swimming pool project of any dimension.

The new pool control AQUACOACH integrates many options for the fully automatic control of the most common pool functions. A multi-lingual navigation in the languages German, English, French, Spanish and Russian and the use of clear icons guarantee an easy and comfortable navigation and programming.

In combination with the safest and world wide known Praher back wash valve AQUASTAR comfort SafetyPack there comes a fully automatic state-of-the-art pool control.

Depending on the project the AQUACOACH pro series can be extended with additional retrofit option prints (against surcharge).

10 UNIQUE ADVANTAGES

Easy, retrofit installation in existing pool constructions.

Control of different sensors for solar and heat control.

In case of a black-out the back wash valve AQUASTAR turns to position „filter".*

Automatic setting of summer and winter time.

8 digital- and 4 analog inputs user configurable.

7 potential free outlets and alarm relais user configurable.

Memory function for pool service.

Operation hour numerator for pool control.

USB connection to PC.

Activation of devices via bus.

*Only in combination with option SafetyPack.

TECHNICAL DETAILS

- • included in the standard model
- 2 2 pcs. Included in the standard model
- - not possible
- + optional configurable (possible)
- * solar or heat control

	AQUACOACH	AQUACOACH pro[1]
Solar control	•*	•
Control of various temperature sensors	•	•
Heating and cooling	•	•
Heat control	•*	•
Control of various temperature sensors	•	•
Heating and cooling	•	•
Niveau control	•	•
One sensor	•	•
Dry running protection	-	•
5 sensors	-	•
Option SafetyPack	from 2016	from 2016
Real-time clock	•	•
With date function	•	•
Automatic setting summer, winter time	•	•
Back wash systems	•	•
Back wash systems 6-way	AS Comfort 1001	AS Comfort 1001, MP6
Bar valve	-	•
Butterfly valves	-	•
via Bus	•	•
Activation ball valve to drain/waste	•	•
Activation dosing system	•	•
Gaging of Ph and Redox	-	from 2016
Pump control	•	•
Single phase or three phase	•	•
Current measurement	•	•
Time control user configurable	•	•
Error detection in case of excess current	•	•
Pressure sensor	+	+
User configurable digital inputs	2	8
User configurable analog inputs	2	4
User configurable potential free outlets	2	up to 7 with extension 11
User configurable alarm relais	•	•
Memory function for pool service	•	•
Control operation hour numerator	•	•
USB	•	•
Connection to PC	•	•
Software update	•	•
Readout of status message	•	•
Readout of error memory and operation hours	•	•
Customized software	+	+
Plug and Play with options	-	•
Retrofit options	-	•
Actuation of devices via bus Bus	RS485	RS485
Display	graphic	graphic
Menu languages	DE, EN, FR, SP, RU	DE, EN, FR, SP, RU
Icon menue	•	•

[1]Optional: print for solar control, print for climate control, print for niveau control, print for 3-phase pump, print relais extender, stainless steel sensor.