

iQnect iQmfort

INTELLIGENTLY NETWORKED POOL TECHNOLOGY
ON A COMPACT „BASE“



INTELLIGENT POOL MANAGEMENT

THE KEY FOR SUSTAINABLE POOL TECHNOLOGY

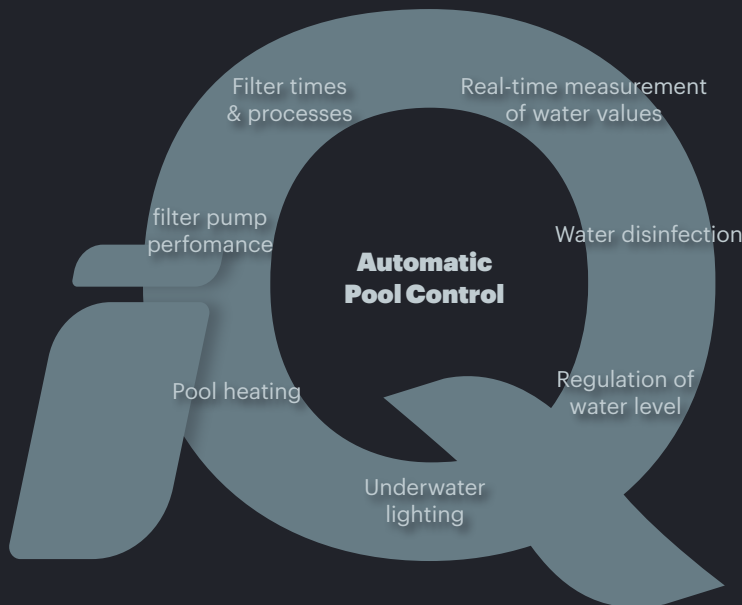
iQ - POOLED INTELLIGENCE

Peraqua® sees the key to energy-efficient and resource-saving pool operation in the intelligent interaction of pool technology and its functions. This is the only way to achieve consistently perfect water quality and a hygienically clean pool, which in turn... This is a prerequisite for sustainable pool operation.

Intelligent pool management is a way to optimize pool operations. By introducing automation and using modern smart home technologies, pool owners can operate their pool more efficiently, sustainably and cost-effectively.

iQ-BASE

The innovative iQ-BASE from Peraqua® features an exquisite product range of intelligently networked pool technology components for maximum safety, cleanliness and sustainability. The control center for the iQnnect BASE or the iQmfort BASE is the Aquastar® Air with the Loxone® Smart Home app or the Aquastar® Control P6. These control the functions of the pool technology components. The filter system, filter pump, pool control, salt or chlorine system are piped and mounted on an iQ-BASE. The integration of a heat pump, underwater spotlights and level control was also taken into account.



MORE RESOURCE-EFFICIENT
POOL OPERATION THROUGH EFFICIENT
USE OF WATER, ECONOMICAL USE
OF POOL CHEMICALS &
SUSTAINABLE ENERGY MANAGEMENT



SAFETY, CLEANLINESS AND SUSTAINABILITY

AUTOMATIC CONTROL

With intelligent pool management, the operating parameters are automatically controlled, monitored and optimized in real time. The automation of pool technology brings with it a number of significant advantages:

WATER TREATMENT

- » Water disinfection as needed & situation
- » Stable water quality thanks to automatic measurement of real-time data
- » Economical use of pool chemicals is good for the environment and saves operating costs

WATER TEMPERATURE REGULATION

- » Automatic adjustment of the water temperature above the set target temperature

BACKWASH & FILTER PUMPS CONTROL

- » Optimization of backwashing processes according to requirements and situations as well as individual flow speeds and filter times
- » Reduction of backwashing processes and optimization of the water consumption

WATER LEVEL CONTROL

- » Automatic level control = dry running protection
- » Automatic backwash releases = overflow protection

iQnnect BASE

ONE POOL. ONE SYSTEM. ONE SMART HOME APP.



SMART-UP YOUR POOL



Symbolic photo

iQNNECT BASE

Full #smartpool power on a single "base".

The iQnnect BASE is for everyone who doesn't want to miss out on comfort and maximum safety. Notifications for deviating values and error messages are sent via the app, regardless of location and time.

iQnnect is the combination of intelligently networked pool technology from the Peraqua® product range with the aim of being able to operate a completely automatic, safe and sustainable pool system via a smart device.

iQNNECT BASE: INTEGRATED POOL COMPONENTS



Bregenz II d640

Including black 2" Praher Plastics backwash valve and all Praher Plastics PVC valves, pipes, fittings mounted in the BASE (d63)
Includes drain and drain tap with hose connection



Aquastar® Air pool control 2"

Integrated Loxone® Air Technology



Smart filter pump E.Pro

1.5 PS, variable speed,
including all Praher Plastics PVC valves, pipes, fittings (d63)
mounted in the BASE



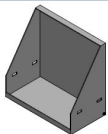
iQntrol dosing system DOS-MODBUS

ph/Redox dosing technology

OR

iQntrol saltelectrolysis system SALT-MODBUS

15g Cl/h, self-cleaning cell



iQ Base

Made of polypropylene in graphite gray, designed for easy use
Transport and placement



NatureWorks glass filter medium

Maximum performance for crystal clear, hygienic pool water



iQnnect software packet

For integrating the iQnnect technology components into the Loxone® Smart Home app

VARIANTS

Chlorine Type Prod.No. 7301554

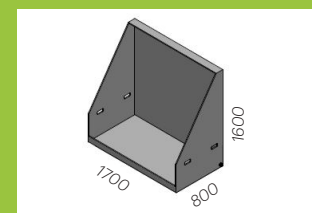
Salt Type Prod.No. 7301555

POOL SIZE

Pool volume < 60 m³
at filtration speed 50 m/h.

*The following applies to Switzerland:
pool volume < 50 m³ with a volume flow
of 30 m/h.*

DIMENSIONS in mm

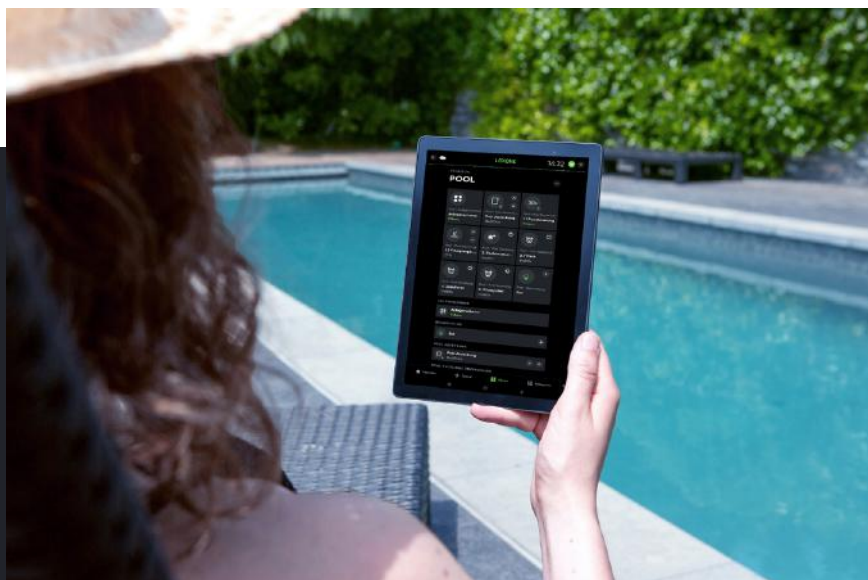


OPTIONAL on request:
Control cabinet: Loxone Mini-Go, extensi-
ons (AO, Modbus, DMX)

Heat pump (bypass pre-assembled,
included in software module)

RGBW underwater spotlights (series:
Vision Pro, Ocean® SQUARE and RECTAN-
GULAR)

Automatic fresh water replenishment
with float switch/pressure sensor for level
regulation



ADDITIONAL INFORMATION

WWW.IQNNECT.NET

All information about iQnnect online

IQNNECT GUIDE



The iQnnect Guide provides you with extensive information such as connection diagrams, product details and much more.

LOXONE



SMART HOME INTEGRATION

The entire pool technology of the iQnnect-BASE is compatible with the Loxone® Smart Home System. This is made possible by the integrated Loxone® Air technology in the Aquastar® Air pool control.

SOFTWARE PACKET

A software package specially developed for iQnnect with all of the functions mentioned enables easy configuration of the Loxone® app. We recommend working with a qualified Loxone® partner for implementation. The software is continually updated and optimized by Peraqua®.

MAXIMUM COMFORT

Monitor and control all pool technology via ONE SINGLE app, regardless of location and time. This is the goal of Peraqua® for the smart pool system iQnnect. The user-friendly and clear interface of the app is easy and intuitive to use. For example, you can turn on the pool heater before you get home. Or at a pool party with an individually configured mode, increase the speed of the filter pump and the salt or chlorine production in one step and activate a color change of the underwater lighting.

REMOTE MAINTENANCE

Pool retailers who are already successfully using iQnnect are convinced of the advantages of remote maintenance and remote diagnosis. The pool expert has an overview of the water values and the functions of the customer pools via the Loxone® app. This means he can access it remotely and intervene quickly. This not only saves travel time and service effort, but also offers pool owners an additional service.

SUSTAINABLE ENERGY MANAGEMENT

Via the Loxone® Smart Home app sustainable energy management is integrated into the pool and electricity consumption is optimized. For example, when integrating a photovoltaic system, the current peaks can be automatically used for pool technology (e.g. pool heating, filter processes).

AFFORDABLE BENEFITS

In addition to the installation time, you benefit from attractive and competitive prices for the individual components of the entire pool technology package. Compared to other smart pool solutions available on the market, the iQnnect Base scores particularly well with all the included services and functions.

iQmfort BASE

ONE POOL. ONE SYSTEM. ONE INTELLIGENT CONTROL.



Symbolic photo

AUTOMATE YOUR POOL

iQMFORT BASE

iQmfort BASE is the perfect solution for anyone who owns a pool and wants more comfort, automation and security. The iQmfort BASE combines all the important components of pool technology on a single "base". This makes installing the pool technology much easier and more efficient.

iQmfort is a complete solution of coordinated, intelligent Peraqua® pool technology for fully automatic control and maximum safety.

VARIANTS

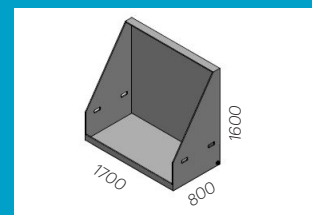
Chlorine Type	Art.Nr. 7301556
Salt Type	Art.Nr. 7301557

POOL SIZE

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pool volume < 50 m³ with a volume flow
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DIMENSIONS in mm



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Bregenz II d640

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Includes drain and drain tap with hose connection



Aquastar® Control-P6 2"

Fully automatic 6-way backwash valve with intelligent control electronics



Smart filter pump Europro 75

0.75 PS,
including all Praher Plastics PVC valves, pipes, fittings (d63)
mounted in the BASE



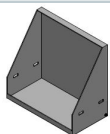
iQntrol dosing system DOS-ECO

pH-Minus and chlorine system

OR

iQntrol salt electrolysis system SALT-PRO

20g Cl/h, self-cleaning cell



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Made of polypropylene in graphite gray, designed for easy use
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Maximum performance for crystal clear, hygienic pool water

OPTIONAL on request:

Heat pump (bypass pre-assembled,
included in software module)

RGBW underwater spotlights (series:
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GULAR)

Automatic fresh water replenishment
with float switch/pressure sensor for level
regulation



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IQMFORT GUIDE



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CENTRAL CONTROL

The Aquastar® Control-P6 is a central control that functions as an automatic backwash valve and pool control at the same time. The Aquastar® Control-P6 takes on all important pool technology tasks, such as filtering, backwashing, heating and level regulation.

BACKWASH TRIGGER:

Backwashing is triggered depending on time and pressure. Digital inputs also enable control via external controllers. With the new display, backwashing can also be triggered via the menu.

PUMP CONTROL:

The Control-P6 fully automatically regulates the filter times, which can be set via the menu. When the valve position changes, the valve plate lifts. In order to be able to change the valve plate without pressure, the pump is switched off automatically.

TEMPERATURE OR SOLAR CONTROL:

The "Heating" relay can be used to switch off a heater before switching off the pump. Up to 3 digital 1-Wire sensors can be connected: heating control with pool sensor, solar control with additional solar sensor and display of the outside temperature.

LEVEL CONTROL:

The float switch in skimmer pools can be connected via a digital input. If the water level in the pool is too low, water is automatically added.

ABSOLUTE SAFETY

The Aquastar® Control-P6 - is not only the perfect "all-in-one" control but also ensures reliable safety functions in pool operation:


- LED indicator lights for error messages
- Manual emergency operation
- Actuation for manual filter backwashing
- Pressure sensor to trigger backwashing if system pressure is too high

MAXIMUM EASE OF USE

All pool technology components such as filter pump, temperature or solar control, water treatment, EO510 electrical fittings and level control are controlled analogously via the Aquastar® Control-P6. These functions provide a perfect overview and more application security




PERAQUA®

 **Peraqua® Professional
Water Products GmbH**
Handelsstraße 8, 4300 St. Valentin
T. +43 7435/58488-0
info@peraqua.com

   shop.peraqua.com

 **PERAPLAS DEUTSCHLAND GMBH**
Regensburger Ring 12, 91154 Roth
T. +49 9171 9677-1200, F
office.de@peraplas.com

 **PERAPLAS ČESKO s.r.o.**
25101 Říčany-Jažlovice, Zdebradská 62
T. +420 323 63 76-73
office.cz@peraplas.com

 **CHEMIA BRÜGG AG**
Aarauerstrasse 51, 5200 Brugg
T. +56 460 62 60
info@chemia.ch

Member of **PRAHER
GROUP**

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