

POOLED 4.0 INTELLIGENCE

PERAQUA[®]
pooled family pleasure



iQnnect
IQNNECT.NET

iQnnect

iQnnect is the combination of selected top products with the aim of offering a completely automatic, secure and smart device-controlled pool control. With many years of experience of our specialists, the products were perfectly coordinated and designed for pools from 5 x 3 m to 15 x 6 m. All components can be individually extended and adapted according to personal needs and system-specific requirements.



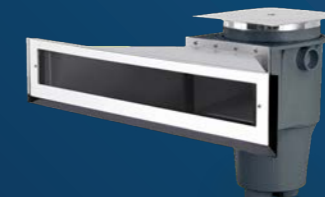
**POLYESTER FILTER
BREGENZ II**



**SMART FULL-INVERTER PLUS
HEAT PUMP V2A**



**OCEAN® SKIMMER HIGH75
DELUXE ABS+V4A**



**SALTELEKTROLYSIS
PREMIUM-TOUCH-DOM**



**E.PRO FULL-INVERTER
FILTER PUMP**



**LOXONE AQUASTAR® AIR
POOL CONTROL**



**ADAGIO
UNDER WATER LIGHT**

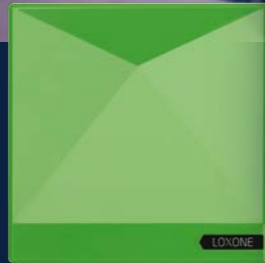




POOL CONTROL AT THE TOUCH OF A BUTTON

The initial point of our smart pool control system is the mobile Loxone App.

The App visualization is optionally programmable for the individual customer needs and in case of component and function enhancement.



APP
Pool control and monitoring from far with the free App for your iPhone, iPad and Android device



LOXONE AIR TECHNOLOGY
Wireless connection with the Loxone Miniserver



NOTIFICATIONS
Notification in case of malfunction, safe discharge control, maintenance intervals



FUTURE-PROOF
Due to free software updates

With one short click to the automatic control and monitoring of your most important personal pool functions.

ONE SMART POOL CONTROL, MANY INDIVIDUAL POSSIBILITIES

FILTER SERIES BREGENZ II + LOXONE Aquastar® AIR

The pool control functions are controllable by the Loxone Aquastar® Air via **wireless Wifi connection** with the Loxone Miniserver.

Loxone Miniserver



Loxone Aquastar® Air

The future of the pool control starts with the most modern 7-position backwash valve on the market. Combined with the Loxone Miniserver, it provides a **fully automated and intelligent pool management and monitoring system** for best hygiene and cleanliness. Positions filtration, backflush, circulation, emptying, frost protection, rinse and closed can be implemented automatically or manually according to your individual settings.

Loxone Miniserver

The Loxone Miniserver is the center of the pool control system. Connected with the Loxone Aquastar® Air it enables easy configuration, intelligent control and monitoring of your pool.



POOL CONTROL FUNCTIONS



BEST PURE FILTRATION

The flow rate of the Smart E.Pro Full-Inverter filter pump can be adjusted according to individual needs and water conditions and provides crystal clear pool water.



PLEASANT WATER TEMPERATURE

Always be aware of the actual pleasant water temperature that are measured by the integrated temperature sensor and can be controlled by the Smart Full-Inverter heat Pump series



FAVOURABLE BENEFIT FOR YOUR SKIN

The automatically controlled dosing system for pH/Redox regulation and salt electrolysis guarantee the optimum hygiene.

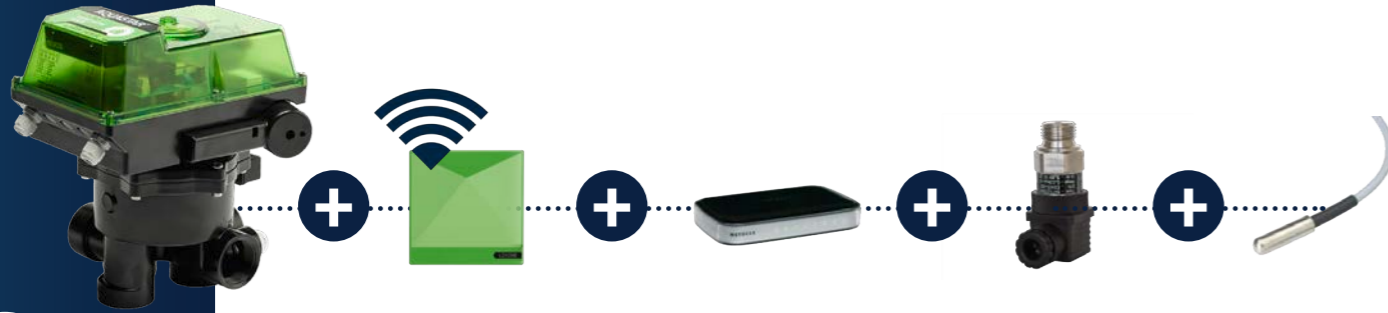


LIGHT UP YOUR IDEAS

With the integration of the Adagio Pro under water lights into the pool control system, your pool shine forth in the most dazzling of colours.

FURTHERMORE...

Additional automatic pool functions can be included and controlled by the integration of further components. The easy adaptation allows the water temperature control, the integration of jet streams, the regulation of pool covers, the adjustment of the pool water level, etc.



ONE ROW FULL OF POSSIBILITIES

Together with its connected components, the Miniserver provides a lot of great possibilities and highest efficiency.

The filtration process can be fully automated in the Loxone App on your mobile device. Depending on your desires and pool water conditions, configured scenarios that run predefined filtration processes can be implemented. The **Loxone Aquastar® Air** is connected with the **Loxone Miniserver** via **Wifi connection** allowing to control the desired position.

The Loxone Aquastar® Air Start Package additionally offers safety convenience. The integrated **pressure sensor** is connected to the whole system with a free analog input of the Aquastar® Air. In case of increased pressure, the sensor will send a signal to the Loxone Aquastar® Air and automatically triggers the filtration process.

Moreover, the Start Package includes a **temperature sensor** that transmits the pool water temperature to the Aquastar® Air via analog input and finally is visible on your mobile device.

LOXONE AQUASTAR® AIR START PACKAGE

TECHNICAL DATA

Loxone Aquastar® Air Start Package		Prod.No. 131385 (1½") 131384 (2")
The Loxone Aquastar® Air Start Package is pre-configured and ready for operation, 1½" connection		
COMPONENTS:		
- 1 pcs. Loxone Aquastar® Air 1½" incl. antenna		
- 1 pcs. Loxone MiniServer Go (configured)		
- 1 pcs. Loxone WLAN router (configured)		
- 1 pcs. pressure sensor/dry-running protection (wired)		
- 1 pcs. temperature sensor (wired)		
LOXONE Aquastar® AIR		
automatic 7-position backwash valve, 1½" connection, ABS housing, 100–240 V AC electric actuator, IP65, direct connection for 2- and 3-way ball valve EO510, direct connection to filter pump, wireless connection to the Loxone Miniserver, 2 analogue inputs for level indication and system pressure (dry-running protection), inclusive piping		
Also available with 2" connection (Prod. No. 131384)		
Retrofitting for all well-known filter brands possible		



Loxone Aquastar® Air START PACKAGE



Polyester filter
Bregenz II

Smart filter glass
NATURE WORKS

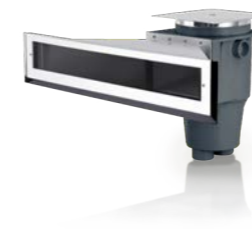
E.Pro
Smart filter pump

Ocean® Skimmer
M5 deluxe

VARIABLE POWER

The powerful Smart Full-Inverter filter pump E.Pro gives the filter system the necessary power and drives the filtration process. The frequency inverter allows speed and flow to be adjusted to optimize performance and reduce energy consumption. The best thing about it: the speed can be easily controlled via the Loxone app on a smart device. This is possible by the direct 230 V AC pump connection to the Aquastar® Air, which receives the selected settings in the app via Wifi connection.

The Smart E.Pro is an innovative technological solution that combines elements of design with robust materials and high corrosion and oxidation resistance. The new built-in synchronous permanent motor is water-cooled and guarantees high efficiency, reliability and low noise level.



TECHNICAL DATA

Polyester Filter Bregenz II

Prod. No.
7300243

The filter body is made of isophthalic resin, resistant glass fibers and UV-resistant gelcoat, higher filtration bed, Nickel-plated brass adapter to avoid threading of the pressure gauge directly on the plastic, Anti-seize nickel-plated brass cover nuts, protective band, side mount, graphit grey (RAL 7024), d520

Incl.: transparent filter lid d400, Praher 1½" 7-position valve

Also available in other dimensions (640 2", 760 2", 900 2")

5 Jahre Garantie auf Filtergehäuse-Dichtheit

Smart Filter Glass NATURE WORKS

Prod. No.
7300372

Hi-Tech glass filter media manufactured with the MC2® calibrating technology, for pool sand filter systems, Ø granular size: 0.8 mm, made of natural glass, crystal-white

OUTSTANDING ADVANTAGES

Environmental friendly alternative to sand, 100% free from impurities and foreign particles, the MC2® Technology avoids the compression of the material and therefore can be reused, doesn't wear the filter boiler out, maximum hygiene, minimizes pressure loss

Smart Full-Inverter filter pump E.Pro

Prod. No.
7300445

E.Pro one of the most quiet and energy-efficient electrical swimming pool pump with integrated high-quality strainer. E.Pro combines state-of-the-art technical hydraulic parts, frequency converter technology and highly efficient permanent magnet motor.

Pool volume: 30 m³/h, delivery height: 16m,
Standard: IP X5, 50/60Hz current voltage single-phase: 230 V,
Water temperature: <40 °C, Surrounding temperature <50 °C

Ocean® Skimmer M5 deluxe

Prod. No.
170967, 78516,
77587

Skimmer for high water level 4–5 cm, with V4A flange cover, high polish for liner, build-up and concrete pools, suction width 666mm, sealing, screw set M5 x 25, earthing connection, sieve basket, holder for PVC niveau sensor, d50/63 solvent + 2" female connection, recommended flow 8 m³/h, each 25 m² water surface one skimmer



Smart Full-Inverter Plus
HEAT PUMP



Optionally in anthrazit

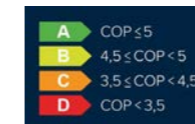
TEMPERATE WATER AT EVERY TIME OF THE YEAR

The intelligent housing construction of the Full-Inverter Heat Pump Plus with steel frame and UV-resistant V2A cover **ensures exceptional smooth running** and maximum comfort. High-quality electronic components and titanium heat exchangers thus ensure a particularly long service life with above-average energy savings.

Full-inverter heat pumps are equipped with compressors that operate at variable speeds. The speed is increased or reduced depending on the energy demand and the ambient conditions - the Inverter Heat Pump Plus does not operate at a fixed frequency like traditional heat pumps. The inverter heat pump is characterized by high efficiency and low sound level.



Touch display with WiFi
integration



Class A with 65% higher COP
as common on and off heat
pumps

TECHNICAL DATA

Smart Full-Inverter Plus Heat Pump

Prod. No.
7300716

17,3 kW, 10 times quieter, soft start, operation temperature -7°C , quicker heating, higher saving, 65 % higher C.O.P as for common on and off heat pump, 7 year guarantee for compressor and heat exchanger, refrigerant R32, incl. winter protection cover and vibration absorber
Touch Control with integrated WLAN connection for the control via mobile device, free APP

Also available in other dimensions

- 10,3 kW (7300714)
- 12,8 kW (7300715)
- 15 kW (7300772)
- 20,4 kW (7300717)
- 27 kW (7300718)
- 35,6 kW (7300719)



Loxone Aquastar® Air
START PACKAGE PLUS

**TWO EXTENSIONS.
A LOT OF ADDITIONAL
FUNCTIONS.**

The Loxone Aquastar® Air Start Package is optionally extendable with **Extensions**. So it offers a lot of additional functions. Extensions are the interpreters of digital software components. They translate programming code and commands of different digital components and provide flexibility for the enhancement of the automatic pool control system.



DMX EXTENSION

The DMX Extension allows the communication and data transfer between the remote control of the **under water light Adagio Pro RGB** and the Loxone Miniserver. Informations such as desired colour, dimming, colour changing and fading can be adjusted in the Loxone App.

MODBUS EXTENSION

The Modbus Extension allows the communication and data transfer between the **Saltelectrolysis PREMIUM-TOUCH** and the Loxone Miniserver. The Modbus Extension transfers the redox and pH values which are visible and, if necessary, controllable in the Loxone App.

LOXONE AQUASTAR® AIR
START PACKAGE PLUS

TECHNICAL DATA

Loxone Aquastar® Air Start Package PLUS

Prod.No.
740016, 740017

- Extension components DMX and Modbus Extension.
- **DMX Extension** for Adagio Pro under water lighting visualization, controllable and dimmable
- **Modbus Extension** for visualization of values of Saltelectrolysis



Salt electrolysis
PREMIUM-TOUCH-DOM
+PH/REDOX



PROMISING HIGHEST HYGIENE AND SUSTAINABILITY

Self-cleaning and bi-polar salt electrolysis system for private pool installations from 50–125 m³. It offers the highest standard of disinfection and sustainability with its combination of **low salt concentration, low energy consumption and Electrolysis technology**. Despite of water disinfection and algae prevention, the salt water system is responsible for **redox regulation**.



Of course, the PREMIUM-TOUCH with its Smart Home function can be controlled via the app. Despite, the large touch display and the userfriendly interface allow high usability.

With the automatic dosing system, the pool water is evenly dosed and provides a stable, skin-friendly pool water for more bathing quality.

TECHNICAL DATA

Salt electrolysis PREMIUM-TOUCH-DOM

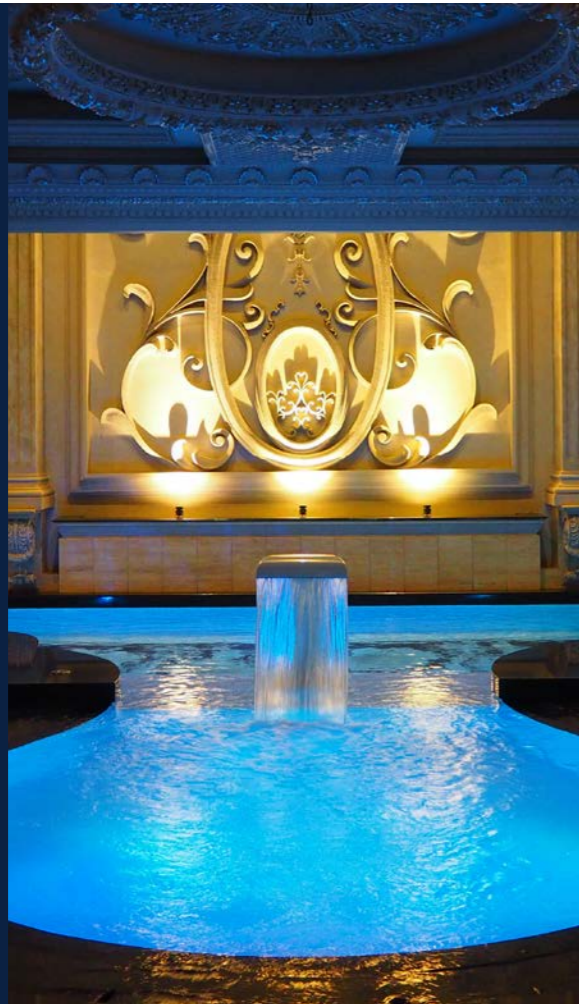
Prod. No.
7300971

Self cleaning salt electrolysis system, highly efficient bi-polar cell, advanced Domotic funktion, lock function for display, TFT colour touch screen, easy to use, control of all pool functions with integrated Domotic Set, App available for iOS and Android, four programmable relais for pump, filter and lighting, for private pool installations of 50 m³, salt production 15 gr/h, salt required > 2 gr/l

Available for pool sizes from 50 up to 125 m³



Adagio Pro
under water light



ONE INDIVIDUAL LIGHTING SYSTEM. MULTICOLOURED ATMOSPHERE.

Bring colour into your pool – with the Adagio Pro series!
Controllable and dimmable with the Lo-xone App (on a smart device) your pool with the installed Adagio Under Water Lights perfectly fits to your garden and interior ambiance. Your pool can be customized with all RGB colours and supports all atmospheres.



TECHNICAL DATA

Adagio Pro 10

Prod. No.
75215

LED RGB under water light, 1,700 lm, 45 W, up to 50,000 h durability, d 100 mm, 11 different colours, dimmable, can also be used as replacement for PAR56 (Adagio Pro 17), incl. 2-pole cable

Also available
- in different dimensions (Ø 170 mm, 50 mm)

Adagio 10+ Remote Control

Prod.No.
740039

DMX512 and RS-485 connection, incl. 1 transmitter, with transformer 300 VA

Adagio 10 V4A-Cover

Prod.No.
74484

Adagio covers are available for Adagio Pro 5, 10 and 10 under water lights, extremely flat design, available in the colours white, light blue, blue, sand white, light grey, black and V4A stainless steel, other colours on demand

For best possible colour match with our Ocean® deluxe swimming pool liners
More information under info@peraqua.com or www.peraqua.com.

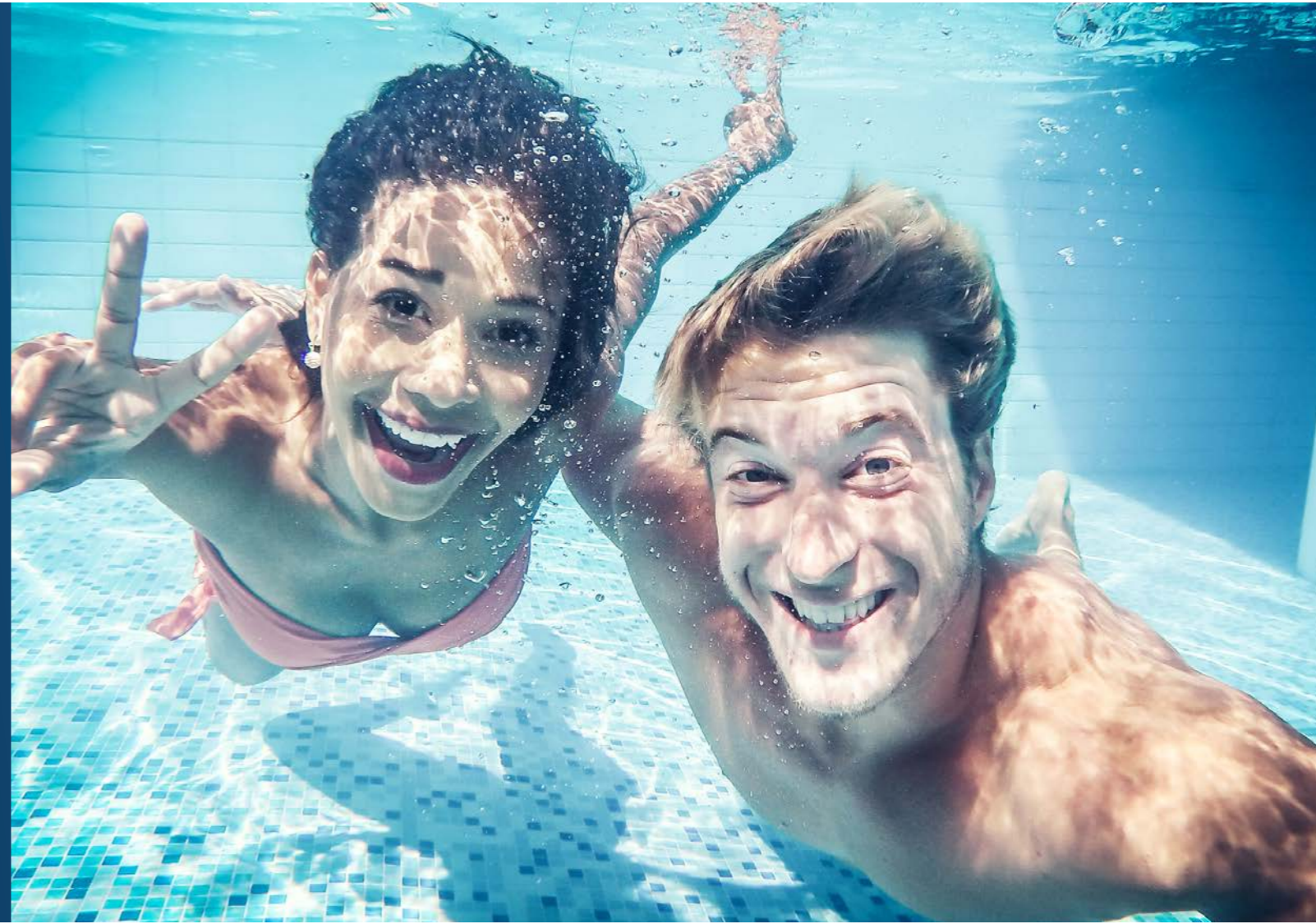
FAMILY, SPORT, RELAXATION – THERE IS LIFE IN A POOL.

A POOL FULL OF LIFE

It is our highest permission to enrich every pool with creative, perfect fitting, affordable and durable pool technology. Our focus is on the maximum ease of use, safety, cleanliness and sustainability of the selected technology for your pool projects.

Tailored to the digital age, you can choose between fully automatic pool control systems based on WIFI connection or manual control systems in **Peraqua® Quality**.

Our mission is to implement Peraqua® & Praher Top Quality in all areas of sales, marketing, service, logistics, training, repair, and after-sales services with the best dedication.





CONTACT US

In order to realize your individual automatic pool control system, we are glad to be here for you. We support you with the optimally adjusted selection of the pool control components.

For the visualization of the Loxone App we cooperate with our competent partner Loxone. We help you to find a nearby certified Loxone partner.

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SMART POOL TECHNOLOGY made in Austria

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