



ECOLOGICAL WATER TREATMENT
by ozone

AUTOMATIC REGULATOR &
POOL AUTOMATION

My Ozonex

pools & spas

FOR PRIVATE POOLS

French manufacturer



Presentation



Ozonex, located in Saint Marcel (France) and created in 1993 by Jean-Yves Even, is known in the swimming pool sector for its range of ozonators and regulators, which it has been designing, manufacturing, marketing, installing and maintaining for over 30 years.

Ozone is an economical, ecological and natural system for treating the water in swimming pools, spas and ponds. This process destroys all organic matter, bacteria, germs and viruses contained in the water, guaranteeing bacteriological quality and unequalled bathing comfort. Ozonex offers ozonators that adapt to all types of professional or private pools, offering the advantages of safe operation, easy maintenance and a system that adapts to all types of filtration.

Jean-Yves EVEN

creator and manager of the company Ozonex



“

We offer bathers a perfectly disinfected pool that is no longer synonymous with aggressive water and therefore eliminates all aggression and irritation to eyes, skin and hair.

We offer users a wide range of sustainable solutions. We are constantly innovating to offer more comfort and safety to all swimmers while protecting the environment with ecological solutions.

”

Innovation

With years of experience in ozone water treatment, we now specialise in the development and manufacture of automatic connected controllers for pools and spas.

With our knowledge and desire to be at the forefront of technology in pool and spa water treatment, we want to offer our customers an automatic connected ph and ORP controller. After 3 years of internal development, we launched the “My Ozonex” range, a home automation system that can control, monitor and modify the entire pool installation :

- **My Ozonex** (for public and private pools)
- **My Ozonex essentiel** (for private pools)
- **My Ozonex mini** (for private pools)
- **SMART'OZO** (with integrated ozonator, for private pools)

SUMMARY

- 1 Presentation
- 2 Summary
- 3 The Ozonex Service
- 4 Advantages of Ozonex
- 5 Pool Ozonator **EX100-NG**
- 6 Description of the **EX100-NG** ozonator
- 7 Automatic regulator and pool automation **My Ozonex**
- 8 Description of the **My Ozonex**
- 9 Automatic regulator and pool automation **My Ozonex essentiel**
- 10 Description of the **My Ozonex essentiel**
- 11 Connected automatic regulator **My Ozonex mini**
- 12 Description of **My Ozonex mini**
- 13 Automatic regulator (with integrated ozonator) **SMART'OZO**
- 14 Description of the **SMART'OZO**
- 15 The different supports of the application
- 16 The smartphone app
- 17 Installation diagram and injection principle
- 18 The synoptic view

THE OZONEX SERVICE

Ozonex is a French family business created in 1993 by Mr. Jean-Yves EVEN, is well known and recognised in the swimming pool industry for its seriousness and total commitment to its customers and professional partners.

Ozonex has been designing, manufacturing, marketing, installing and servicing its complete range of ozonators and automatic regulators for more than 30 years :

- 100% French design & manufacture
- single interlocutor
- reliability and longevity

TIPS



The entire OZONEX team is at your service and supports you in your project to make the best choice.

DELIVERY



Ozonex has been exporting its products and know-how all over the world for more than 30 years. We advise you in all phases, from manufacturing to maintenance and installation.

ESTABLISHMENT



Ozonex adapts very easily to all new or old pools.

The company designs its manufacture according to the volume and flow of water in the basin.

INSURED SERVICE



A service team is at your service at our headquarters and in the field at all times.

Thanks to our connected regulators, we can control and adjust your installation remotely for your greatest comfort.

THE OZONEX ADVANTAGES



“
PURE WATER
”

A concentrate
of **Technology**
at your **SERVICE**

OZONE

- Reduction of chloramines.
- Savings on water consumption.
- Significant energy saving.
- Savings in chlorine consumption.
- Investment paid off very quickly.
- Protection of your personnel.
- Respect the environment.
- Improved filtration capabilities.
- Reduced filter flushing.
- Treatment without risk of corrosion.
- Oxidation of organic matter in water.

OZONEX designs, manufactures, markets, installs and maintains its entire range ozonators and automatic regulators for over 30 years.

POOL AUTOMATION

- Single graphical representation.
- Playful and tactile navigation.
- Free app.
- State-of-the-art electronics.
- Investment very quickly amortized.
- Management comfort.
- Monitoring of your pool 24 hours a day.
- Saving of consumable product.
- Energy saving.

Nuestro trabajo,

a passion that drives us every day.
Do not take any more risks with your health and that of your family.

Do not hesitate, Ozonex guarantees you
immediate results

Ozonator for pools & spas

EX100-NG

What is ozone ?

Ozone is a natural oxidising gas composed of three oxygen atoms (O^3). It is a very powerful treatment used in the treatment of water, including drinking water such as tap water. This treatment is increasingly popular because its oxidising properties are an effective barrier against bacteria, fungi, germs, organic matter and viruses. It will offer you an unequalled bacteriological quality and a bathing comfort worthy of spring water.

Its oxidising power is 50 times more powerful than that of chlorine.

In short, ozone is the effective and efficient treatment to guarantee healthy and crystal clear water.

The ozonator

OZONEX adapts its production according to the volume to be treated.

Ozone is an unstable gas, so it is produced directly in the technical room by means of an ozonator.

Ozonator EX100-NG

For private pools with a maximum volume of 120 m³.

It does not generate residues or by-products that can cause irritation, e.g. chloramines generated by chlorine. Ozone is therefore to favour sensitive skins, no allergic or cutaneous reaction caused by its use.



- No interview
- Increased performance
- Ease of maintenance
- Advanced electronics
- Air cooling
- Ambient air absorption and filtration
- No planned obsolescence
- No consumables

IMMEDIATE RESULTS



Ozonator composition

EX100-NG

1 Polycarbonate case

Width: 280 mm - Height: 380 mm
Depth: 140 mm
Weight: 4,0 Kg - Volume: 0,006 m³
Metal Faraday Cage

facade with identification

1 power light (Green)
1 ozone production light (Blue)
1 switch

1 electronic card

1 high voltage card
Time delay
1 fuse / 1 ampere

Mounting accessories

1 check valve made of stainless steel (316.L)
with Viton seals and glass ball
1 ozone tube - diameter 6 x 4 in PTFE

1 Electrical connection

220 volt / 50 Hz
Power cable (3G1.5)

1 Ozone generator

Production +/- 3 grs / hour
For a flow of 20 m³ / hour
Air flow from 0 to 20 liters / hour

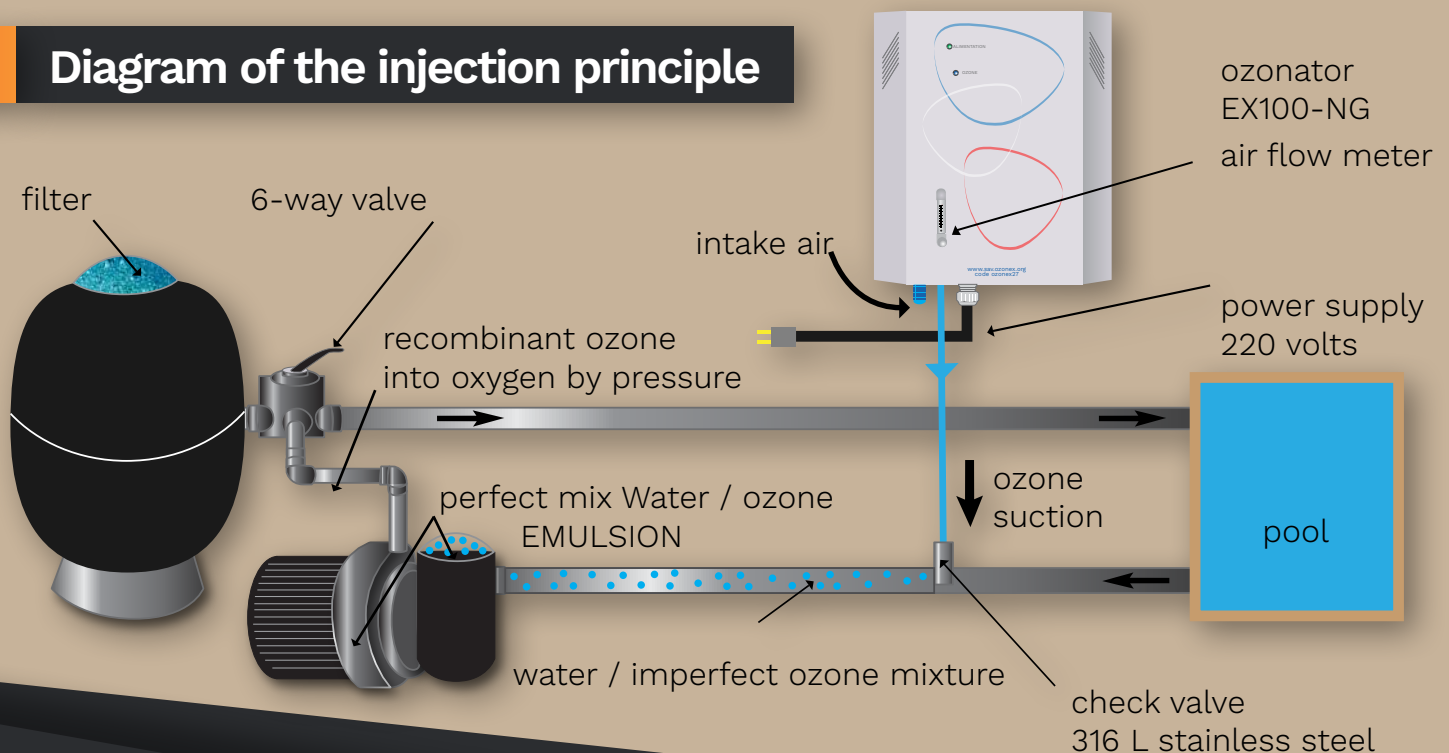
Various

1 air filter
1 solenoid valve (on/off - ozone)

Ozone-transmitting materials

PTFE for the pipes.
PVDF for the solenoid valve and
VITON for seals.
316 L stainless steel for non-return valve.
1 power supply 220V / 50HZ
(110V / 60HZ on request).
Power consumption: 30 watts / hour.

Diagram of the injection principle



COMPLETE MANAGEMENT OF YOUR POOL

pool automation **My Ozonex**

Today home automation is present in all areas. Swimming pools have not long resisted this remote management facility. OZONEX has been developing connected controller solutions for several years.

Ozonex has developed a connected automatic pH/ORP controller for public and private pools : **My Ozonex.**

This version is suitable for family and public pools. With its 10-inch touch screen, it allows you to manage all aspects of your installation :

- filtration pump (3 pumps maximum)
- filter (sand, diatomaceous earth, sock)
- pool lighting
- automatic pH- / pH+ / REDOX / anti-algae regulator
- heating (PAC, heater, solar, boiler)
- programmable out-of-gel (prevents overwintering)
- over-chlorination also programmable
- sensors (temperature, pressure, humidity, atmosphere)
- consumption of products (day / week / month)
- amperometric probe 1 (free / active chlorine calculation)
- amperometric probe 2 (calculation of total / combined chlorine => chloramines)



You also benefit from remote monitoring of your pool by a qualified Ozonex technician from 9am to 6pm which provides additional security for the consumer.

The set includes

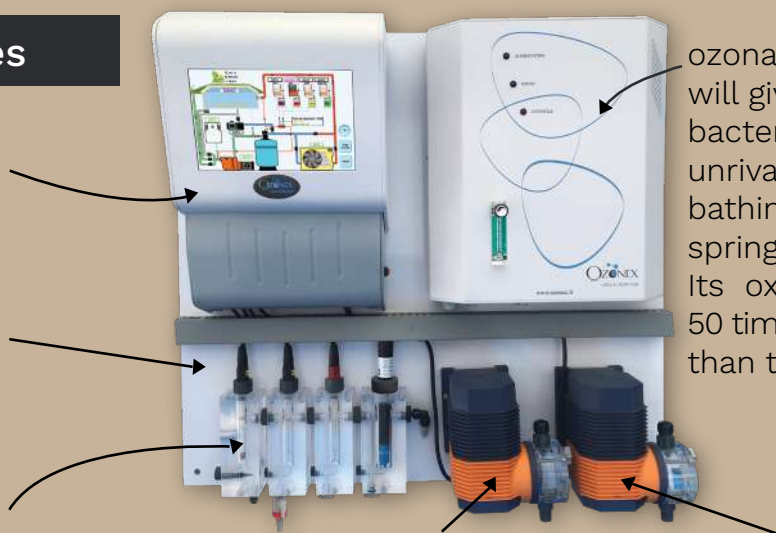
automatic pH/ORP regulator (My Ozonex)

wall bracket 800 x 800

probe holder
(pH / ORP / temperature sensor
and amperometric in option)

electromechanical dosing pumps
(flow rate according to pool volume)

ozonator (optional),
will give you quality
bacteriological
unrivalled comfort and
bathing worthy of
spring water.
Its oxidising power is
50 times more powerful
than that of chlorine.



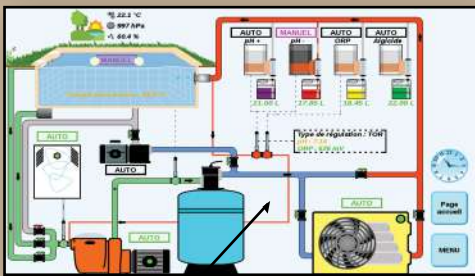
POOL AUTOMATION **My Ozonex**

Description

PROBES AND SENSORS

- ✓ water temperature
- ✓ pH
- ✓ REDOX
- ✓ filter pressure
- ✓ amperometric 1
(automatic calculation of active)
- ✓ amperometric 2
(automatic calculation of combined)
- ✓ air temperature
- ✓ hygrometry
- ✓ atmospheric pressure

QUICK ACCESS



synoptic



menu



home

MANAGEMENT OF EQUIPMENT IN AUTOMATIC

- ✓ filtration pump (3 pumps maximum)
- ✓ heating (PAC, heater, boiler, solar)
- ✓ filter (sand, diatoms, sock)
- ✓ sensors
- ✓ pool lighting
- ✓ blower (robot control)
- ✓ disinfectant (ozonator, UV, electrolyser)

AUTOMATIC REGULATORS

- ✓ pH-
- ✓ pH+
- ✓ ORP (REDOX)
- ✓ anti-algae (or timed flocculant)

THE INTEGRATED PARAMETERS

- 10-inch touchscreen with synoptic view (view showing the entire installation)
- possible over-bleeding
- out of frost (avoids winter)
- consumption of products (day, week, month)
- level of products in containers (with low level alarm)
- time intervals for automation
- calibration of different sensors
- clock
- 100% French manufacture
- application for smartphone, tablet and PC
- Ozonex monitoring for remote management (additional security for the consumer)

- ✓ included in the price
- ✓ optional see price

Automatic pH and ORP regulator

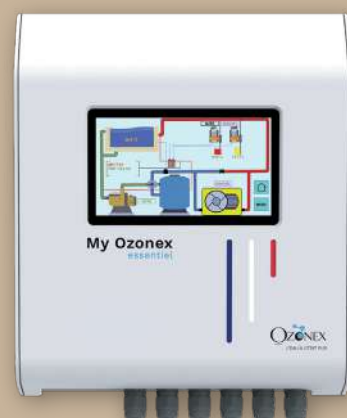
Pool automation **My Ozonex** essentiel

As My ozonex responds perfectly to the demand of the professionals who receive it from the public, Ozonex has developed a new connected pH/ORP controller for private individuals; My Ozonex essentiel.

This version is suitable for family pools. It is simple and intuitive to use thanks to its integrated, highly functional 7-inch touch screen that gives instant access to the entire installation. It provides direct access to all possible information about the pool or spa and makes it easy to determine the type of function and the desired options for each application :

Examples of the possibilities of My Ozonex essentiel :

- filtration pump (4 programmable time slots)
- filter (optional with probe)
- 1 amperometric probe for free/active chlorine calculation
- automatic pH+/pH-/REDOX/anti-algae controller
- heating (PAC, heater) or lighting
- programmable out-of-gel (avoids winter)
- overchlorination also programmable
- sensors (temperature, pressure...)
- consumption of products (day/week/month)



You will also benefit from remote monitoring of your pool by a qualified Ozonex technician from 9h to 18h which provides additional security for the consumer.

The set includes

automatic pH/ORP regulator
(My Ozonex essentiel)

wall bracket 800 x 800

probe holder
(pH / ORP / temperature sensor
and amperometric in option)



electromechanical dosing pumps
(flow rate according to pool volume)

ozonator (optional), will
give you quality bacteriological
unrivalled comfort and
bathing worthy of spring
water.

Its oxidising power is 50
times more powerful
than that of chlorine.

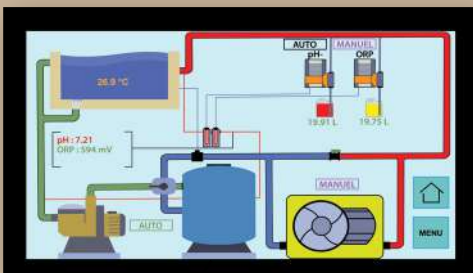
POOL AUTOMATION My Ozonex **essentiel**

Description

PROBES AND SENSORS

- ✓ water temperature
- ✓ pH
- ✓ redox
- ✓ filter pressure
- ✓ amperometric probe 1
(calculation of free/active chlorine)

QUICK ACCESS



synoptic



menu



home

AUTOMATIC EQUIPMENT MANAGEMENT

- ✓ filtration pump
- ✓ heating (PAC, heater, solar)
(if lighting is not used)
- ✓ filter pressure (installation of a sensor)
- ✓ sensors
- ✓ pool lighting
(if heating is not used)

AUTOMATIC REGULATORS

- ✓ pH-
- ✓ pH+
- ✓ ORP (REDOX)
- ✓ anti-algae (or timed flocculant)

THE INTEGRATED PARAMETERS

- 7-inch touch screen with synoptic view (view showing the entire installation)
- possible overbreathing
- out of frost (avoid winter)
- product consumption (day, week, month)
- level of the products in the containers (with low level alarm)
- time slots for automation
- calibration of the different sensors
- clock
- 100% French manufacturing
- app for smartphone, tablet and PC
- Ozonex surveillance for remote management (additional security for the consumer)

- ✓ included in the price
- ✓ optional see price

Automatic pH and ORP regulator

My Ozonex mini

This new device allows the pool owner to manage most of his installation. The device is connected via wifi or bluetooth and can be controlled remotely via smartphone or tablet. The design has been designed so that you can put it yourself, the set is pre-assembled, very easy to connect.

Its use is simple and intuitive. Thanks to the exclusive use of a smartphone and the dedicated application, your My Ozonex mini will give you a view of the entire installation in the blink of an eye. Thus, it offers direct access to all possible information about your pool or spa and allows you to easily determine the type of function and the desired options for each of the applications.

Examples of the possibilities of My Ozonex mini :

- integrated automatic pH/REDOX regulator
- filtration pump management (4 possible time ranges)
- heating management (optional with temperature probe)
- probe calibration
- off gel programmable (avoid winter)
- overchlorination also programmable
- sensor management (temperature, pressure...)
- control and filling of product containers (acid and lye/chlorine)



You will also benefit from remote monitoring of your pool by a qualified Ozonex technician from 9am to 6pm which provides additional security for the consumer.

The set includes

automatic pH/ORP regulator (My Ozonex mini)

door water inlet probes (stainless steel tip 316L)

probe holder + pH/ORP probes

wall bracket (780x400)

peristaltic dosing pumps (flow according to volume of the basin)

injection cannulas (acid and lye/chlorine)

door water outlet probes (stainless steel tip 316L)



My Ozone mini

Description

PROBES AND SENSORS

- ✓ water temperature
- ✓ pH
- ✓ REDOX

QUICK ACCESS

home



filter pump



pH regulator



ORP regulator



MANAGEMENT OF EQUIPMENT IN AUTOMATIC

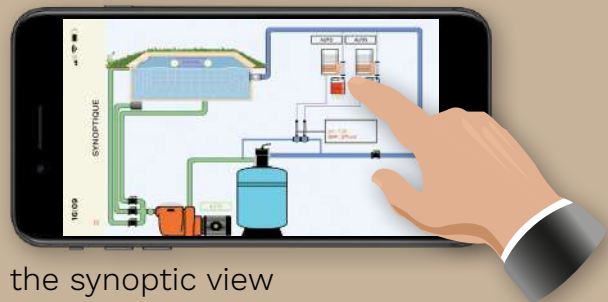
- ✓ filter pump
- ✓ heating (heat pump, solar, exchanger, heater)
- ✓ automatic regulator

AUTOMATIC REGULATORS

- ✓ pH- regulator
- ✓ ORP regulator (chlorine)

THE INTEGRATED PARAMETERS

- 7-inch touch screen with synoptic view (view showing the entire installation)
- possible overbreathing
- out of frost (avoid winter)
- level of the products in the containers (with low level alarm)
- time slots for automation
- calibration of the different sensors
- clock
- 100% French manufacturing
- app for smartphone, tablet and PC
- Ozone surveillance for remote management (additional security for the consumer)



the synoptic view

- ✓ included in the price
- ✓ optional see price list (consult us)

Automatic pH and ORP regulator

SMART'OZO

integrated ozonizer



This new device allows the pool owner to manage most of his installation. The device is connected via wifi or bluetooth and can be controlled remotely via smartphone or tablet. The design has been designed so that you can put it yourself, the set is pre-assembled, very easy to connect.

Its use is simple and intuitive. Thanks to the exclusive use of a smartphone and the dedicated application, your SMART'OZO will give you a view of the entire installation in the blink of an eye. Thus, it offers direct access to all possible information about your pool or spa and allows you to easily determine the type of function and the desired options for each of the applications. With its integrated ozonizer, the SMART'OZO will give you complete satisfaction, it will destroy in one go the organic matter, germs, bacteria and viruses present in the water, as well as a large part of the chloramines.

Examples of the possibilities of SMART'OZO :

- integrated automatic pH / REDOX regulator
- integrated ozonator
- filtration pump management (4 possible time ranges)
- heating management (optional with temperature probe)
- probe calibration
- off gel programmable (avoid winter)
- overchlorination also programmable
- sensor management (temperature, pressure...)
- control and filling of product containers (acid and lye/chlorine)



You will also benefit from remote monitoring of your pool by a qualified Ozonex technician from 9am to 6pm which provides additional security for the consumer.

The set includes

automatic pH/ORP regulator (SMART'OZO)

door water inlet probes (stainless steel tip 316L)

probe holder + pH/ORP probes

wall bracket (780x400)

air flow sensor

peristaltic dosing pumps (flow according to volume of the basin)

injection cannulas (acid and lye/chlorine)

door water outlet probes (stainless steel tip 316L)



SMART'OZO



Description

PROBES AND SENSORS

- ✓ water temperature
- ✓ pH
- ✓ REDOX

AUTOMATIC EQUIPMENT MANAGEMENT

- ✓ filter pump
- ✓ heating (heat pump, solar, exchanger, heater)
- ✓ automatic regulator

QUICK ACCESS

home



ozonator



pH rgulator



ORP regulator

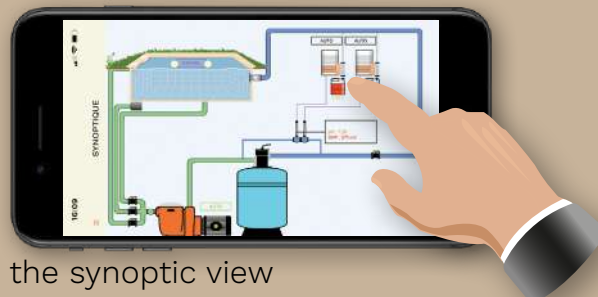


AUTOMATIC REGULATORS

- ✓ pH- regulator
- ✓ ORP regulator (chlorine)

THE INTEGRATED PARAMETERS

- automatic pH and REDOX regulator
- filtration pump management
- possible overbreathing
- out of frost (avoid winter)
- level of the products in the containers (with low level alarm)
- time slots for automation
- calibration of the different sensors
- synoptic view (smartphone)
- clock
- 100% French manufacturing
- app for smartphone, tablet and PC
- Ozonex surveillance for remote management (additional security for the consumer)



the synoptic view

- ✓ included in the price
- ✓ optional see price

POOL AUTOMATION APP My Ozonex

the different supports

Home automation is based on the centralization and communication of the data measured in the basin: once collected and processed, the data is transmitted to the My Ozonex control box and to different display media.

Wherever you are, you can see or change your different settings.

As for your pool, choose your support and install its corresponding application :

- smartphone
- tablet
- computer



The My Ozonex app is available for IOS or Android devices.



Download on the
App Store

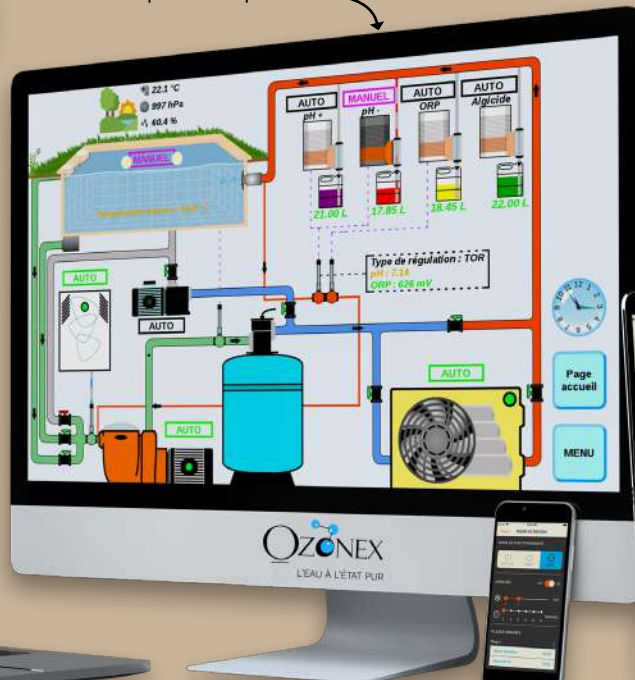


GET IT ON
Google Play

THE SUPPORTS

desktop computer

laptop



smartphone



tablet



A concentrate
of **Technology**
at your **SERVICE**

SMARTPHONE APP

My Ozonex

The My Ozonex application becomes your ideal ally to control, program and coordinate every movement of your connected pool from the tip of your mobile phone, or from your tablet, giving you the feeling of being able to manage your pool in real time and remotely, wherever you are. wherever you are and with total ease.

This can range from starting up the filter to checking the water temperature, or from checking and adjusting pH and REDOX, to historical data from the last month, or the fill rate of your product tanks. .

EXAMPLES

home



The main page gathers all the information at the moment about your piscine installation (pH, REDOX, air and water temperature...).

filtration pump



For the filtration pump page, you will find the different time ranges created, the operating mode (High, Run or Auto).

Frost removal is on this page (avoid winter).

ORP regulator



For regulators, predefined values as points of setpoint and hysteresis.

All the possibilities of the application and its settings are available in our book “Tips for using your My Ozonex home automation” downloadable at ozonex.eu/en.

Automatic pH and ORP regulator

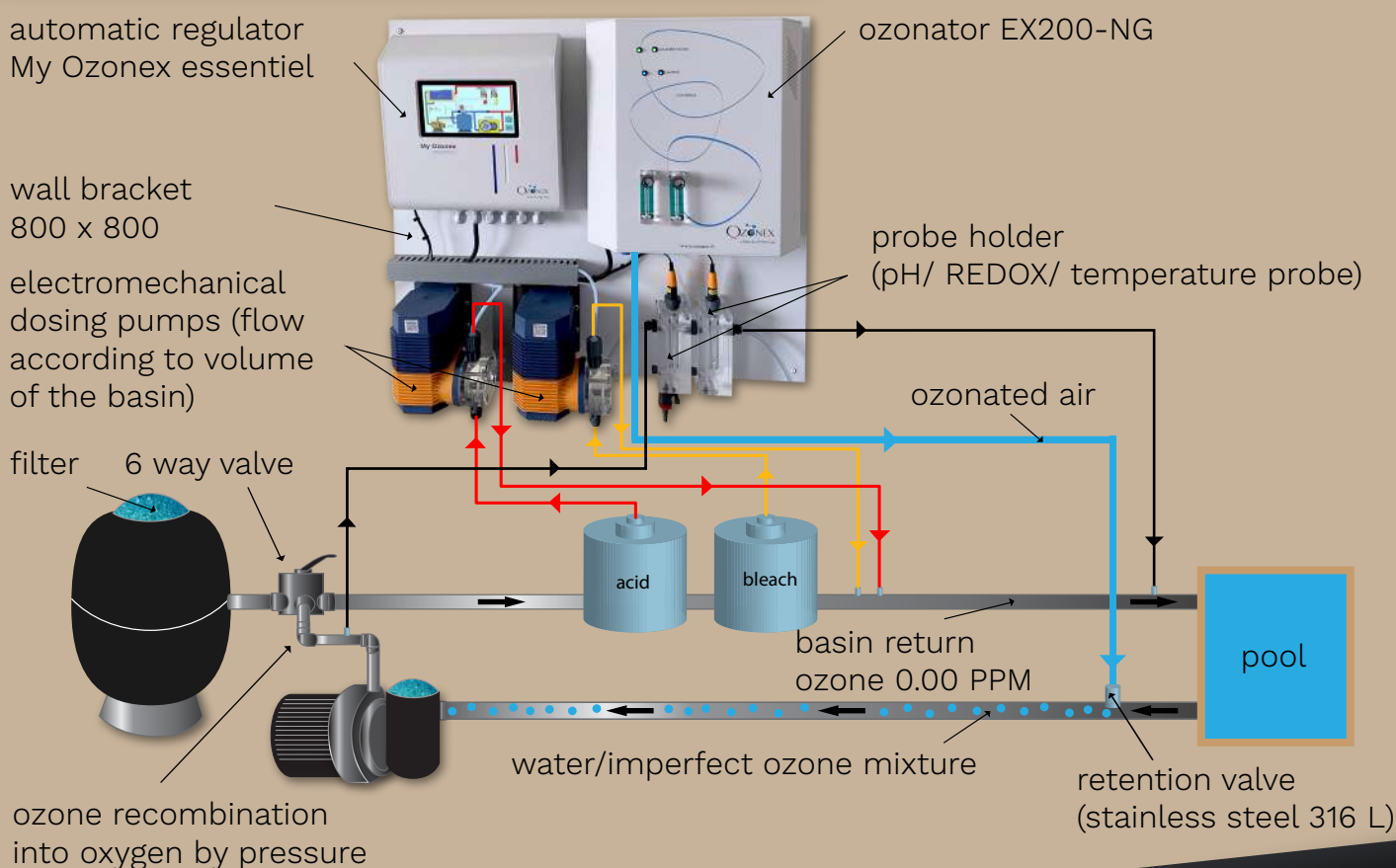
scheme of the injection principle

The pH is the key indicator of the pool, it fluctuates over time due to several factors such as the type of disinfectant used, the temperature of the water and the air, atmospheric variations, the type of coating, the mixture of water, rain or the composition of the water used to fill the pond. Therefore, it is necessary to check and rectify it periodically, especially during the hot season. As a general rule, the control and possible rectification of the pH level is a manual operation that must be repeated at least 2 times a week (it is difficult to regulate it yourself).

With a control and regulation device, product consumption is adapted to the real characteristics of the water.

According to the needs of the pool, the Ozonex automatic pool pH/ORP regulator ensures constant water quality by preventing inorganic deterioration and organic proliferation, even during your absence. Chlorine production is optimized and guarantees ideal bathing comfort with the right consumption of energy and product.

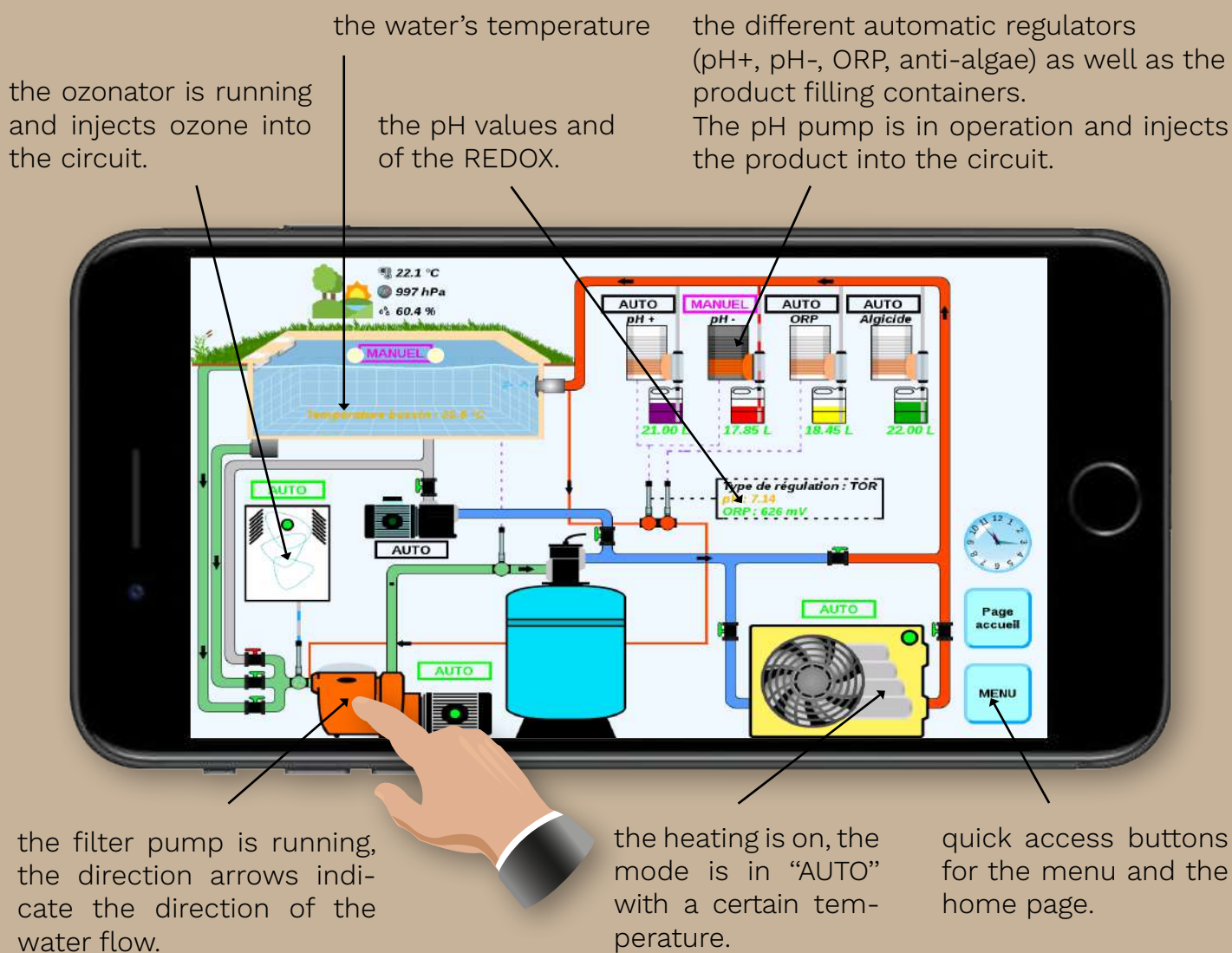
SCHEME OF THE PRINCIPLE OF INJECTION



THE SYNOPTIC PAGE

on smartphone

The My Ozonex app summary page is unique in the market. It is a graphic overview and at time t of the complete operation of your basin and of the different devices managed and supported by My Ozonex. For better navigation, the set is tactile and allows you to quickly reach the desired menu.



Intuitive, fun and fast, the "synoptic" page becomes your pool assistant, in 1 click you graphically present the entire installation of your technical premises in operation without being present and wherever you are.

This view is available on all media, smartphone, tablet and PC.



FRENCH MANUFACTURER



ESPACE DES PRÉS - Bulding B - 27950 Saint Marcel (FRANCE)



technical service : +33 2 32 51 27 26



+33 2 32 51 25 05



contact@ozonex.pro



www.ozonex.eu/en

FOLLOW US



You
Tube