

POOLEX

**Live the connected
experience NEXUS**

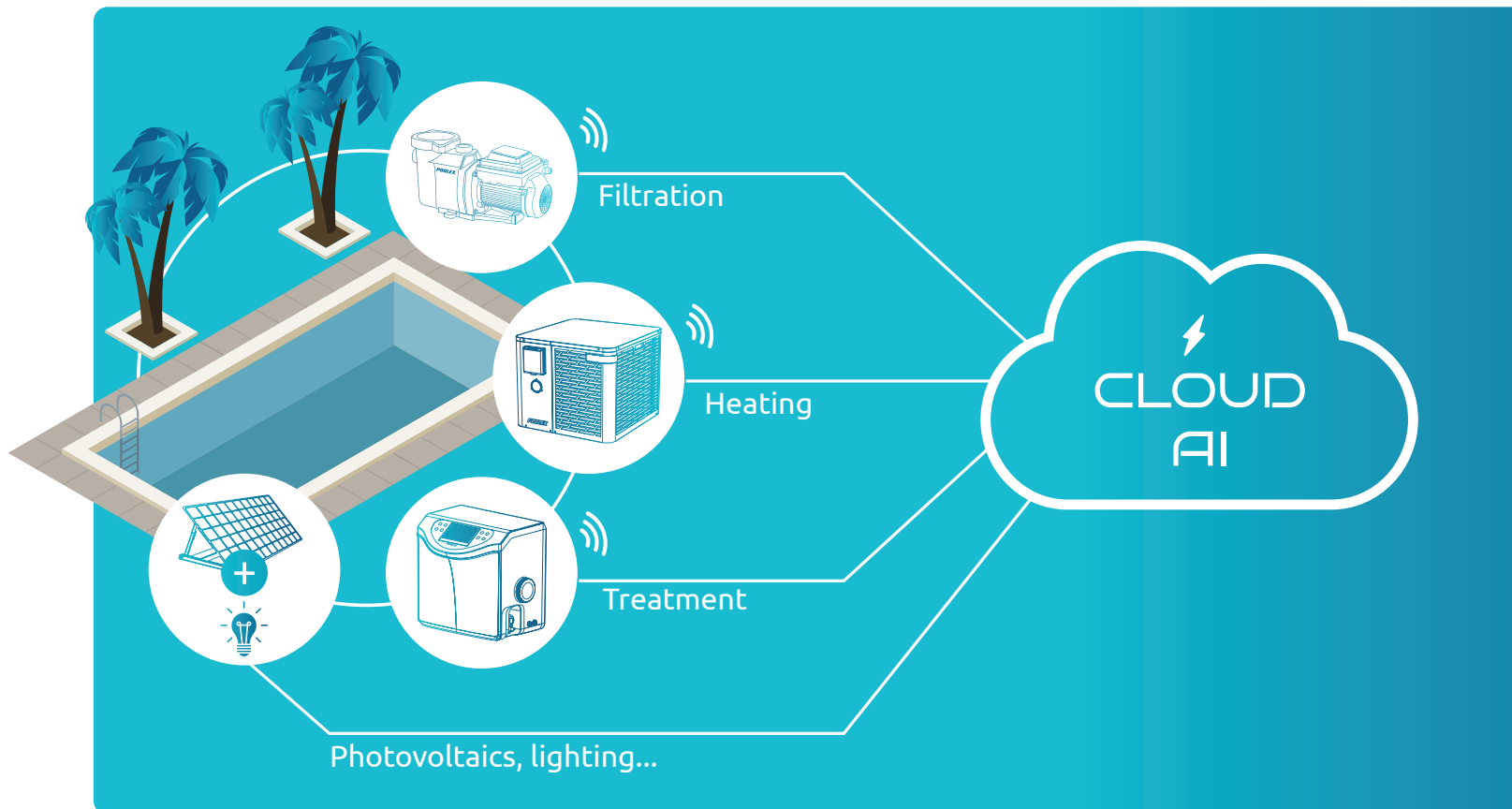


*Your pool, simpler, more efficient
and more economical!*

NEXUS

WHAT IS IT EXACTLY?

AI-synchronized connected equipment



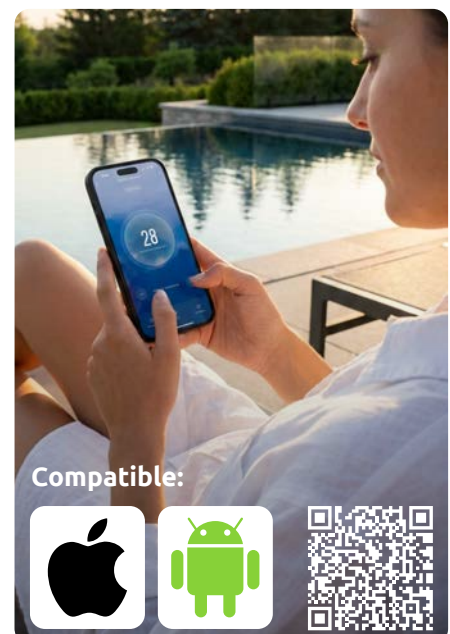
Nexus is a connected ecosystem that links your equipment so they work together automatically.

Heating, filtration and treatment cooperate to:

- ✓ Maintain clear and healthy water
- ✓ Optimize consumption
- ✓ Reduce interventions

The Poolex Nexus connected system allows pool owners **to control their technical room equipment directly from their smartphone**, wherever they are.

But Nexus goes beyond simple remote control: it ensures **continuous technical monitoring** while integrating **intelligent automation** features and **AI-driven scenarios** to optimize the operation of your equipment.



Compatible:



||

*A smarter and
easier-to-manage pool.*

||

AUTOMATED MANAGEMENT AND CENTRALIZED CONTROL

Connectivity is directly integrated into Poolex equipment with no additional installation required. All your equipment is brought together in a single application.

From the Poolex app, you can:



Easily configure your installation



Control your equipment remotely



Monitor temperature and water parameters in real time



Receive alerts in case of anomalies

Poolex Nexus continuously manages your pool thanks to embedded intelligence and AI Cloud:



Automatically adjusted filtration



Water temperature control



Precisely regulated treatment



Remote software updates

*Nexus doesn't just connect products,
it orchestrates the overall performance of your pool!*



SMART SCENARIOS

Smart scenarios automatically adapt how your equipment operates based on conditions and usage. Result: a pool that is always optimal, effortlessly, every day.



I want to organize a pool party this weekend!

Trigger: event date

Before:

- Heating up to 28°C
- Increased filtration
- Disinfection boost
- Lights on at 7pm

After:

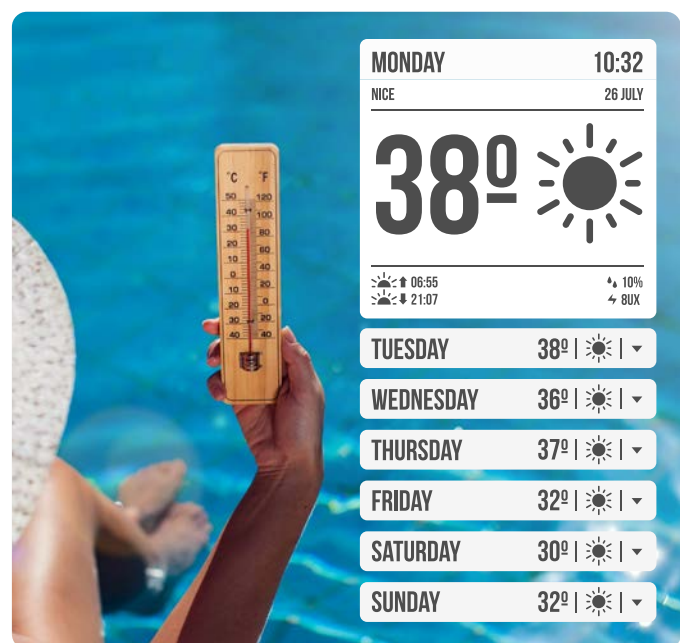
- Extended filtration
- Shock chlorine treatment
- Eco heating mode

Heatwave expected, the pool water must be preserved!

Trigger: extreme weather alert

Cascading actions:

- Heating stopped, cooling setpoint at 30°C
- Filtration accelerated in 24h mode
- Treatment adjusted to boost mode



Scenarios: Pool party, Weather alert, Second home, Eco mode...

CONNECTED ASSISTANCE

Poolex Nexus creates a direct link between your installation and your professional. Your pool specialist can access your equipment data remotely.

In case of alert:

- Real-time analysis
- Precise diagnosis
- Better prepared intervention
- Maintenance and servicing

In some cases, a simple remote adjustment is enough.

Solution found by
your pool specialist



Connection to Poolex Cloud



Problem on your
equipment

YOUR DAILY BENEFITS



SIMPLICITY

- Automated experience
- Fewer manual checks
- Intuitive remote management



PERFORMANCE

- Equipment designed to work together
- Clearer, healthier water
- Increased performance and lifespan of equipment



SAVINGS

- Energy used only when necessary
- Precise dosing of consumables and chemicals
- Less waste, less overconsumption, and a more responsible pool

PRODUCT ECOSYSTEM

TECHNICAL ROOM EQUIPMENT

FILTRATION

WHY USE A CONNECTED VARIABLE SPEED FILTRATION PUMP?

- ✓ Automatic adaptation to real needs
- ✓ Significant reduction in energy consumption
- ✓ Optimized flow to improve heat pump efficiency

Filtration pump



VariLine^{wifi}

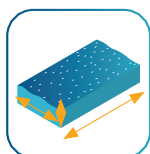
VARIABLE SPEED FILTRATION PUMP

- Performance Class A | SCOP >7
- 5 different models, from 1 to 3 HP
- For pools from 75 to 100 m³
- Wifi & Cloud
- Ultra-quiet



HOW TO CHOOSE A FILTRATION PUMP?

Sizing a pool pump depends on several key factors:



Pool volume (m³)

- Rectangle: Length × width × height
- Round: (π × diameter × diameter / 4) × average height



Circulation time

8 hours -> NF16713-1/2/3 standard
Water renewed 3 times per 24h
(We recommend a circulation time of 6h)



Pump flow rate (m³/hour)

= volume / desired circulation time
Caution: to check head losses, refer to the curve with a head (HMT) of 8 ~ 10 m

Cartridge filters

Thinclear

SWIM IN PERFECTLY CLEAN WATER



Mono Version

- Flow rate from 13 m³/h to 19 m³/h
- For pools from 80 to 110 m³
- More eco-friendly: no backwashing
- Filtration down to 15µm
- 1 cartridge



Multi Version

Flow rate from 18 m³/h to 32 m³/h

- Flow rate from 18 m³/h to 32 m³/h
- For pools from 110 to 190 m³
- More eco-friendly: no backwashing
- Filtration down to 15µm
- 4 cartridges



Sand filters



Rock

FOR ULTRA-CLEAR AND CRYSTAL-CLEAR WATER

- Ultra-resistant tank in reinforced polyester + gelcoat
- Compatible with a wide range of filtration pumps



Top Version

- Flow rate from 10 m³/h to 22 m³/h
- For pools from 60 to 125 m³

Side Version

- Flow rate from 10 m³/h to 31.8 m³/h
- For pools from 60 to 185 m³



Sand filters



Ultra

GET CRYSTAL-CLEAR WATER EFFORTLESSLY

- Ultra-light recyclable HDPE tank
- Compatible with a wide range of filtration pumps



Top Version

- Flow rate from 10 m³/h to 14 m³/h
- For pools from 60 to 80 m³

Side Version

- Flow rate from 10 m³/h to 30.5 m³/h
- For pools from 60 to 80 m³



HEATING

WHY USE CONNECTED HEAT PUMPS?

- ✓ Remote control via smartphone for an ideal temperature 6 months a year (heating/cooling)
- ✓ Real-time monitoring of performance and energy consumption
- ✓ Easier maintenance thanks to automatic alerts and diagnostics
- ✓ Intelligent optimization to reduce costs and extend equipment lifespan



Jet City



THE QUEEN OF SMALL POOLS

4 | 5,5 kW

- Performance Class A | SCOP >7
- Full Inverter & EVI technology
- 4-season operation: COP >2 at -10°C
- For pools up to 40 m³
- WiFi, Cloud & OTA



Jet Pro



THE PERFECT BALANCE BETWEEN PERFORMANCE AND DURABILITY

7,5 | 9,5 | 12,5 | 15,5 | 15,5 Tri | 18 | 18 Tri kW

- Performance Class A | SCOP >7
- Full Inverter technology
- For pools from 40 to 135 m³
- WiFi & Cloud
- Ultra-quiet



Jet Max



ABSOLUTE POWER FOR XL POOLS

22 | 22 Tri | 28 | 28 Tri kW

- Performance Class A | SCOP >7
- Full Inverter technology
- For pools up to 185 m³
- WiFi, Cloud & OTA
- Single-phase and three-phase





WHAT IS **SCOP**?

SCOP (Seasonal Coefficient of Performance) measures the energy efficiency of a pump over an entire season, from May 1st to September 30th. Unlike COP, calculated under ideal conditions at a given moment, it takes into account temperature variations and operating cycles, based on three reference points: 7°C, 15°C and 26°C.



REMEMBER TO CARRY OUT A THERMAL ASSESSMENT

The water volumes indicated for our heat pumps correspond to maximum estimates under optimal conditions. A thermal assessment remains necessary to determine the appropriate power for each installation.



Vertigo



THE VERTICAL BENCHMARK WITH CUTTING-EDGE TECHNOLOGY

5,5 | 7,5 | 9,5 | 12,5 | 15,5 | 15,5 Tri | 20 | 20 Tri | 24 | 24 Tri | 30 Tri kW

- Performance Class A | SCOP >7
- Full Inverter technology
- For pools from 30 to 210 m³
- Vertical airflow: space-saving and quieter
- WiFi & Cloud



Silent Jet Fi

SILENT, IT BLENDS INTO THE BACKGROUND

6 | 9 | 12 | 16 | 16 Tri | 21 | 21 Tri kW

- Full Inverter technology
- For pools from 35 to 150 m³
- Rear airflow: saves space in front of the heat pump
- WiFi & Cloud



Airline 360



THE REVOLUTION FOR A MORE SUSTAINABLE POOL

6 | 8 | 10 | 15 | 15 Tri | 20 | 20 Tri kW

- Performance Class A | SCOP >7
- Full Inverter technology
- R290 gas: the most eco-friendly
- For pools from 50 to 140 m³
- Innovative 360° airflow: saves space in front of the heat pump
- WiFi, Cloud & OTA



R290 GAS

THE ECO-FRIENDLY & HIGH-PERFORMANCE BENCHMARK

R290 is a natural refrigerant with very high performance and low environmental impact. It ensures excellent energy efficiency, even at low temperatures, with an almost zero GWP.



TREATMENT

WHY USE CONNECTED EQUIPMENT?

- ✓ Adjust **chlorine production** remotely
- ✓ Real-time monitoring for **perfectly balanced** water
- ✓ Alerts in case of anomalies or maintenance
- ✓ Optimized consumption and preserved equipment

A QUICK REMINDER ABOUT SALT ELECTROLYSIS

Electrolysis is the process of converting sodium chloride (salt) dissolved in water into sodium hypochlorite (active chlorine), a disinfectant naturally present in seawater. When electric current passes through saltwater, it causes the salt molecules to split into chloride and sodium ions, which then react to form sodium hypochlorite.

ADVANTAGES



Gentle on skin and eyes



Easy pool maintenance



No handling of chemical products



Prevents excess chlorine and stabilizer from tablets

BEST PRACTICES FOR ALWAYS CRYSTAL-CLEAR WATER

Proper salt dosage

This is the basis of effective electrolysis. Correct salt levels optimize disinfection and extend electrode lifespan.

Recommended level:

Between 3000 and 4000 ppm

Check your pH

The sodium hypochlorite produced during electrolysis naturally increases pH. It must therefore be monitored regularly or controlled with an automatic pH regulator.

Recommended level:

Between 7 and 7.4

Winterizing

Below 10°C, electrolysis can no longer operate. This is the time to winterize your electrolyzer: remove the cell, clean it if necessary and store it for the next season.

Right time:

Water below 10°C



TO ENSURE WI-FI COVERAGE IN YOUR GARDEN

WiFi-Link

Outdoor WiFi antenna & 4G router

The ideal companion to connect all your devices, even outdoors, with optimal WiFi coverage throughout your garden.

➡ Connect up to 25 devices

➡ Long range up to 50 meters

➡ Dual function WiFi antenna & 4G router, up to 150 Mbps



Neolyser

COMPACT, ROBUST AND CLEVER ELECTROLYZER

- Chlorine production from 4 to 20 g/h
- For pools up to 90 m³
- Ideal for underground technical rooms (<55°C)
- Automated control (ORP probe kit optional)
- WiFi, Cloud & OTA



Modulyser

ULTRA-MODULAR ELECTROLYZER WITH CONTEMPORARY DESIGN

- Chlorine production from 10 to 25 g/h
- For pools up to 110 m³
- Dual dry contact (cover & pump)
- Automated control (ORP probe kit optional)
- WiFi, Cloud & OTA



Aqualyser

THE ALL-IN-ONE THAT MAKES YOUR LIFE EASIER!

- Adjustable chlorine production <20 g/h
- For pools up to 90 m³
- Automated control: integrated ORP and pH probes
- Integrated lighting
- WiFi, Cloud & OTA



POOLEX



NEXUS YOUR POOL, REINVENTED.

poolex.fr

Poollex is a brand of the Poolstar group