SCHELL

E^2 – simply connected
The new generation of faucets from SCHELL

Bluetooth® inside

Responsibility for health

Unique and efficient: the new faucets generation E^2
With innovative technology, integrated Bluetooth®
and direct control via app

The new faucets generation from SCHELL sets the standards to follow when it comes to forward-looking technologies and usability. An intuitive app, accurate operation and a striking design – E^2 is a truly impressive package.

Perfect for everyday practice
With its factory-fitted Bluetooth® module, the new generation of faucets offers intuitive, real-time parameter adjustment plus logging via the corresponding app. The new Time-of-Flight (ToF) sensor technology used ensures accurate operation with no accidental activation even when using reflective vests.

XERIS E^2, CELIS E^2 and PURIS E^2
The new E^2 generation comprises wash basin taps from SCHELL's familiar XERIS, CELIS and PURIS series. These new taps are equipped with mechanical hot water limiting, with XERIS E^2-T also featuring a ThermoProtect thermostat.

Benefits for building operators, facility managers, planners and tradespersons:

— Improved overview of sanitary facilities and faucets in buildings

— Local support for maintaining drinking water hygiene and specified normal operation

— Greater flexibility and better plannability for standards-compliant stagnation flushes

— Simplifies the record-keeping process needed for legal compliance with convenient logging of activated flushings and water consumption (calculated)

— Clearly structured, detailed data analysis in the app

— Innovative ToF Sensor (Time-of-Flight) for highly accurate activation without disruptions due to reflections or light reflections from e. g. reflective vests

— Settings can be adjusted to match the individual local circumstances

— Reliable protection for users: anti-scalding protection with hot water limiting or the ThermoProtect thermostat

— Reduction to operating costs: water-saving faucets reduce water and utility costs

— Real-time configuration of faucet groups or individual faucets with an intuitive app

— Even faster parameterisation possible with three preconfigured operating modes

— Attractive price/performance point

XERIS E²-T electronic
wash basin tap

CELIS E² electronic
wash basin tap

PURIS E² electronic
wash basin tap

Impressive benefits of E²
Take an in-depth look at the new generation

From Bluetooth® inside to Time-of-Flight sensors, the many new and improved features introduced by E² offer a wide range of options for all installation locations and users.

Bluetooth® inside
All faucets in the new generation are equipped with Bluetooth® as standard. This means that a **direct connection** can be established **between the faucet and the app**. Faucets can therefore be put into operation and parameterized in seconds.

Accurate operation
Thanks to the innovative **Time-of-Flight technology**, operation of the faucets is ultra-accurate, making accidental activation due to light reflections such as from reflective vests, etc. a thing of the past. The compact and robust sensor module also has an impressive **IP67** rating.

Technician-friendly app
Every effort has been made to develop an app with an especially technician-friendly design. The app can be used to **set parameters** on individual faucets **via Bluetooth®** and **monitor** the faucet status. The group manager function saves even more time during configuration.

Saving water
Three preconfigured **operating modes** make it especially easy to set parameters on E² faucets. These are the **'Save water' mode,** the **'Save electricity'** mode and the **'Comfort' mode.** Adjustments to settings can be customised even further in **expert mode**.

Stagnation flush
New setup options now offer the right solution for any use case: **scheduled flushes, cyclic flushes** or **smart demand-based flushing**.
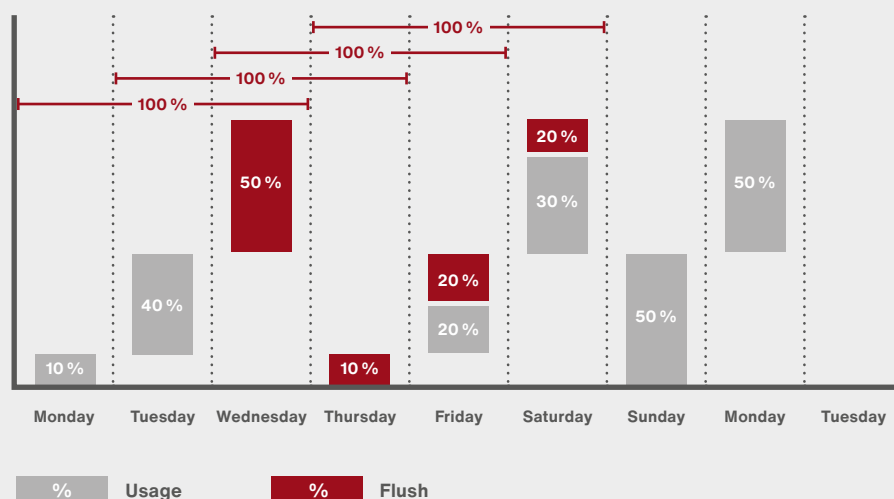
Smart demand-based flushing
The perfect **symbiosis of drinking water hygiene and saving water:** Avoids stagnation periods greater than 72 hours. Flushes the remaining flushing time every day before the 72 hours have elapsed, taking into account the quantities of the previous days. Flushing is skipped if usage levels are high enough.

Smart demand-based flushing
Flushing is recalculated and carried out daily, taking into account usages.

This ensures compliance with the 72-hour rule while minimising water consumption.

Robust
all-metal housing

Recessed flow
regulator

Time-of-Flight
technology

ThermoProtect
thermostat

Bluetooth®
inside

XERIS E^2-T electronic
wash basin tap

Hot water limiting

All HD-M faucets in the new generation feature mechanical hot water limiting, which means the maximum hot water proportion **can be set individually** for the faucet. XERIS E^2-T is also equipped with a ThermoProtect thermostat with reliable, accurate to the degree anti-scalding protection and immediate water stop if cold water supply fails.

Attractive design

The new generation exhibits a timeless design that has been highly sophisticated to include features like a robust, **vandal-proof** all-metal housing with **anti-theft**, recessed flow regulator and an easy-to-clean surface.

**www.schell.eu/
simply-connected**

An overview of the E^2 app
The app makes building management both time-saving and convenient

Rapid configuration of stagnation flushes, reliable logging and everything visible at a glance: all of this and more is offered by the new E^2 app. The integrated Bluetooth® technology creates a direct connection between the faucet and the app.

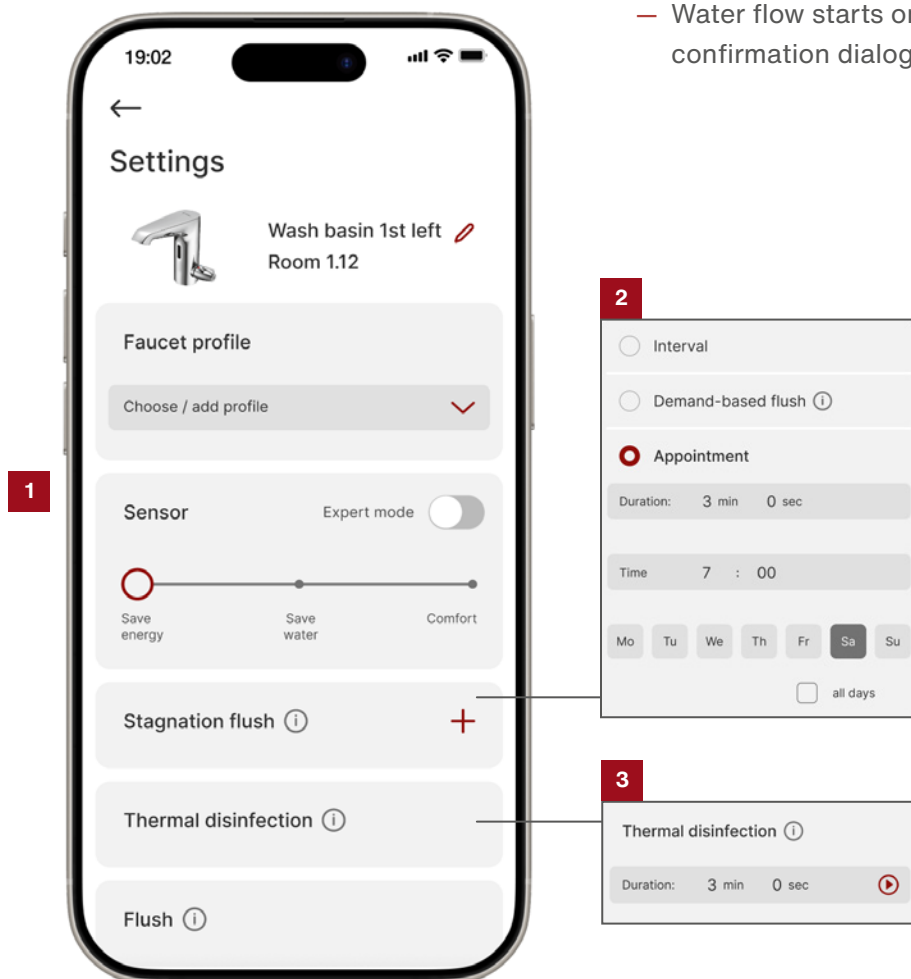1. **Predefined operating modes for parameter setting**
   — 'Save water' mode: to cut consumption, the flow of water stops quickly when the user moves out of sensor range
   — 'Save electricity' mode: power-saving sensor frequency for a long battery life
   — 'Comfort' mode: quick start and long flow of water for user-friendly operation
   — Expert mode: customised configuration of options to match local circumstances and customer needs

2. **Set up stagnation flushes**
   — New setting options for better plannability, accounting for frenquency of use and reduced water consumption
   — Scheduled stagnation flushes are possible using a convenient schedule series
   — **NEW:** smart demand-based flushing if usage levels drop below a preconfigured value within a specific period of time

3. **Activate thermal disinfection**
   — Via app, from a safe distance
   — Selectable flow time
   — Water flow starts only after confirmation dialog

4 **19:02**

←

Water consumption

Wash basin 1st left ✎
Room 1.12

10.03.2025	48 l
■ Stagnation flushes	3 l
■ Additional use	45 l

Day | Week | Month | Year

Share data ⬆

19:02

←

Amount of flushes

Wash basin 1st left ✎
Room 1.12

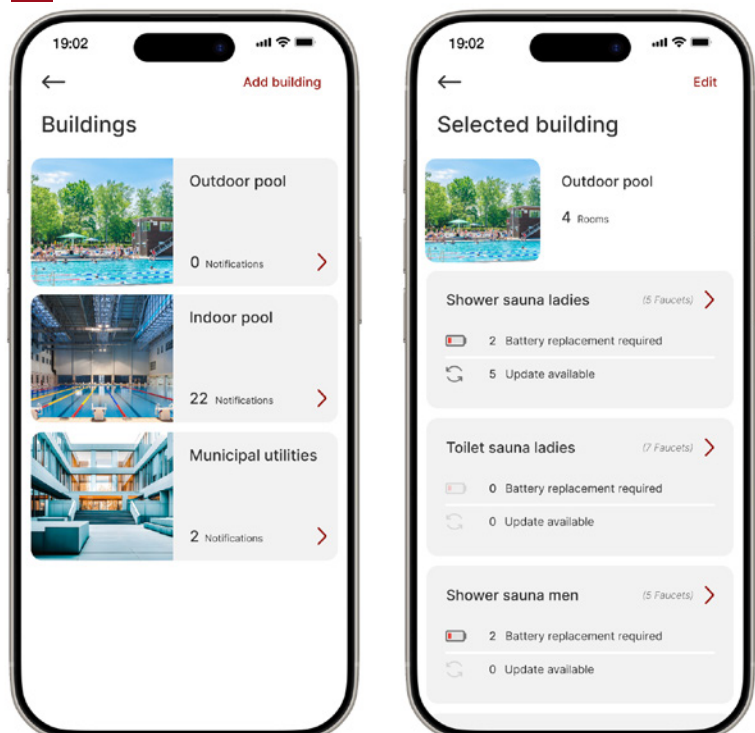| 10.03.2025	52
■ Stagnation flushes	1
■ Additional use	51

Day | Week | Month | Year

Share data ⬆
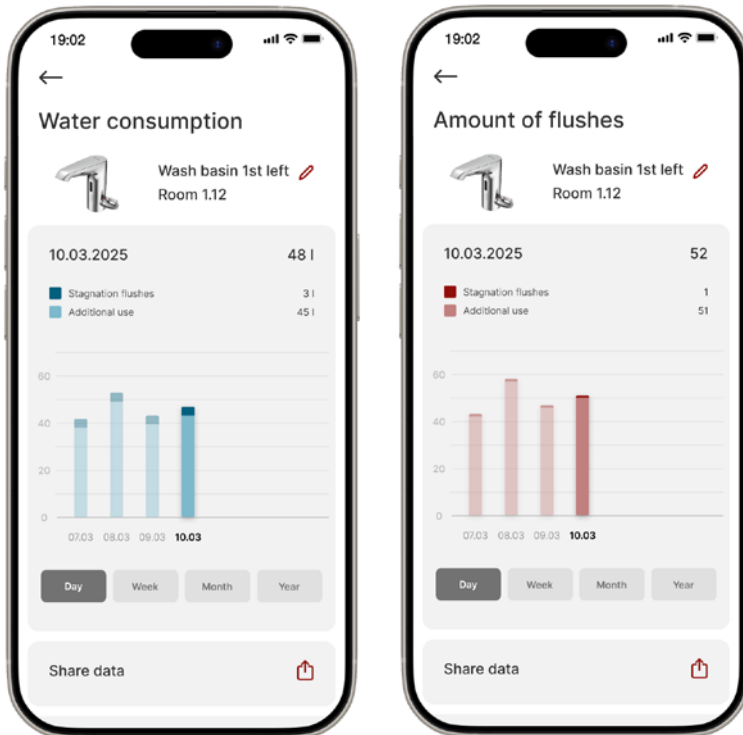
4. Access and save log records
— Simplifies the record-keeping process needed for legal compliance
— Logging of activations and water consumption (calculated)
— Can be saved in the app, but also externally

5. Building management in the app
— Create buildings and rooms
— Battery levels and actions required at a glance
— Access consolidated data from all faucets in a room
— Group manager for more efficient parameterisation and management of local faucet groups

5 **19:02**

← Add building

Buildings

Outdoor pool

0 Notifications ›

Indoor pool

22 Notifications ›

Municipal utilities

2 Notifications ›

19:02

← Edit

Selected building

Outdoor pool
4 Rooms

Shower sauna ladies (5 Faucets) ›
🔋 2 Battery replacement required
🔄 5 Update available

Toilet sauna ladies (7 Faucets) ›
🔋 0 Battery replacement required
🔄 0 Update available

Shower sauna men (5 Faucets) ›
🔋 2 Battery replacement required
🔄 0 Update available

Download now

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