

ECO-CONSUMPTION, THE NEW CHALLENGE FOR WASHROOMS?



TEMPOMIX 3 wall-mounted time flow basin mixer, ref. 794050

The new reign of GREEN

Increased awareness about controlling consumption is gradually leading the population as a whole to adopt eco-responsible actions.

Recycling, consuming local and organic produce, protecting the environment, using ecological means of transport, composting, reducing water usage... so many daily activities that are now part of a **sustainable logic aimed at consuming less and consuming better**.

In the light of these new ecological and economic challenges, companies are now playing an increasingly active role, even more so when their products can impact directly on energy or water consumption.

When we know that with the right products we can achieve a 90% reduction in water consumption during hand washing, and that we can fight against the waste of energy, **being well equipped becomes a priority!**

ECO Design

For 90 years, controlling water and energy consumption in the interest of sustainable development to conserve natural resources has been a major concern for DELABIE.

The company places ecological issues at the heart of its thinking and offers products destined for public and commercial places that are **design-led as well as responsible and sustainable**.

Indeed, in public and commercial places, the washrooms consume significant volumes of water.

As a pioneer in the ecological economy, the brand has developed a policy of supporting customers. The performance of its innovative self-closing timing system, in terms of water and energy savings, far exceeds the criteria for energy efficiency for environmental labels such as BREEAM, LEED or HQE.

The goal is better consumption.

GREEN consumption

DELABIE's commitment to a responsible and sustainable approach is reflected in the fact that the flow rate on all of its basin mixers and taps has been **reduced to 3 litres/minute** (can be adjusted to 1.5 litres/minute) compared to 6 to 12 litres/minute for competitor's domestic mixers and taps.

However, during hand washing, 60% of the water is wasted during soaping, and reducing the flow rate is not enough to ensure controlled and sustainable consumption.

To reduce over-consumption, DELABIE proposes a system where the water stops automatically between wetting and rinsing the hands. Known as **"split delivery"**, this innovation enables the water to shut off during soaping and to re-start for rinsing the hands (7 seconds).

The water shuts off naturally and automatically thanks to the intelligent use of hydraulic pressure, therefore limiting the waste of energy.

DELABIE is also working towards more efficient operation, **avoiding any energy consumption** and ensuring optimal user comfort. For example water controls with soft-touch operation require very little effort to apply sufficient mechanical pressure to activate the flow.

Better equipped, better consumption

Offering sustainable and durable washroom solutions also means supporting clients and advising them in the search for the best solution according to their needs.

For example, in highly-frequented areas such as airports, water stagnation is not really a problem. An electronic mixer or tap with a periodic duty flush is not essential, and a mechanical, self-closing tap is ideal.

However, if the priority is to reduce the spread of bacteria in the first instance, installing **an electronic solution will improve hygiene**. As is the case, for example, with activating the **WC flush** without manual contact.

To meet the specific needs of public and commercial places, DELABIE has developed technological innovations such as the **high-frequency mode on urinal valves**.

This concept reduces water consumption during short-term peak traffic periods, such as half time at a football stadium.

A micro-rinse after every user ensures their comfort and, when the busy period is over, the system activates a full rinse. This solution also addresses the problem of stagnant water in low-usage areas by activating a preventative rinse every 24 hours.

Finally, it is important to note that a poor-quality electronic tap may have a flow rate 2 to 3 times higher than a time flow tap, resulting in lower water savings than expected.

This is why DELABIE's **electronic ranges** have the same optimised flow rate as the self-closing solutions and why the brand attaches particular importance to **low energy consumption**.

Images available on our website delabie.com, in the PRESS section



SPORTING 2 time flow shower panel
80% water savings and no energy consumption
Ref. DELABIE: 714700



DUAL CONTROL direct flush valve
"Intelligent" rinsing: distinguishes between the need for a small or large flush volume.
Ref. DELABIE: 464PBOX+464006



TEMPOMATIC 4 electronic urinal valve
The high-frequency mode reduces the rinse when there are successive users: a compromise between hygiene and water consumption.
Ref. DELABIE: 430SBOX-430030



TEMPOMIX 3 time flow basin mixer
Up to 85% water savings thanks to the automatic shut-off after 7 seconds of flow and a 3 lpm flow rate.
Ref. DELABIE: 794000

DELABIE, manufacturer's expertise

DELABIE, a 100% family-owned French company, founded in 1928, is the European market leader in water controls and sanitary equipment for public and commercial places. The company offers five product ranges specifically for this market: Commercial water controls, Hospital water controls, Accessibility and Hygienic accessories, Stainless steel sanitary ware and Specialist water controls.

Over 2,000 DELABIE manufactured items, including international references, are exported from its factory in France to more than 90 countries.

The company has 9 subsidiaries worldwide: Germany, Austria, Benelux, United Kingdom, Spain, Portugal, Poland, United Arab Emirates (Dubai) and China (Hong-Kong).

Find DELABIE on these social networks



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