

The smart way to save water

Make every drop count in all your ECO-Building projects





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Companies all over the world are looking for ways to meet the ever-changing requirements and contribute to creating a greener future. At Hansa, we want to help by being a trusted partner supporting project planners, contractors and installers in finding the water and energy saving solutions that are right for them.

When you add this initiative together with others – office after office, building site after building site, country after country - companies suddenly get a big sea of sustainable change.

So, let us help you make every drop count in all your projects.

Navigating the ECObuilding landscape

Green building certification refers to the environmental assessment of a construction area throughout its entire lifecycle – from planning and construction to its operation and final demolition. Alongside features such as safety, security, thermal health and ventilation, efficient use of energy and water have become vital requirements of sustainability certifications.

Water-saving installations are a promising solution to significantly cut down water consumption, limit losses via leakages and alter the energy performance of existing building stock as well as low-carbon new builds.



BREEAM is a recognized environmental certification system that's mainly used in Europe. It functions as a tool for measuring and assessing a building's overall environmental footprint



SWAN Criteria of the license system mostly used in Nordic countries include assessments on environmental quality and health.



LEED is a widely used green building rating System focusing on the design, construction, operation and maintenance of green public buildings and residential homes.



WELL is a global leading tool for advancing health and wellbeing in buildings. It contains a variety of assessment criteria on a building's environment and its contribution to health and wellness of its occupants

By offering a wide range of product combinations and ECO features, we strive to support you navigate the complex landscape of today's sustainability ratings, such as LEED, BREEAM, SWAN or WELL.



Sustainability in every detail

At HANSA, we look back on a long history of delivering high-quality and energy-efficient solutions – from residential dwellings to buildings. We know that every building comes with unique requirements and finding the right solutions for each setting can be complex.

By offering a wide range of water-saving solutions, eco labelled products, and innovating smart monitoring and control solutions, we help planners build sustainability into every corner of the building and mobilise both water and energy efficient consumption patterns.

For more convenience and support we made it rather easy to spot eco products within our assortment by adding selfexplaining extensions to the product family name. And what is more, for revelvant products we also offer certified EPD documents you can always find on www.orasgroup.com/sustainability





Convincing functions for efficient use of resources

Lower flow, less consumption, same comfort

Availablity

- Basin
- ShowerKitchen

Key features · Low flowrate

- Thermostatic control
- Eco-Functions



The SMART way to use water

Availablity ⋅ Basin

Key features

- Low flowrates
- Energy-saving functions
- \cdot Bluetooth control
- Individual settings

The SMART way to control water. For any application and on every level

Intelligent technologies have become a standard for many building projects. From public spaces to residential homes, our future buildings are becoming smarter every day.

At HANSA, we believe that 'smart' doesn't have to be limited to highperformance products that come at a high price. We've found a way to add smart features to every one of our product categories, so you can minimise water and energy consumption throughout the entire building.







Touchless is of course the most comfortable way to safe water, but there are far more options to cut down consumption at the basin.

In the shower

Showering is one of the most resource consumptive thing in private households. Few actions can start a big change without sacrificing comfort.



In the kitchen In the kitchen there are plenty of options to save additional water and energy without loss of functionality.

Level 1: Saving water + energy with high comfort

Faucets with integrated low-flow and eco features reduce the amount of water released per minute, which can significantly minimise overall water and energy consumption of a building on a large scale. All designed to save water one drop at a time without cutting down on comfort or convenience.





Level 2: The power of real time feedback

Water and energy use is often invisible to users, and it almost seems impossible to get an accurate overview of their daily consumption. But what if we knew exactly what we used? Would we act differently? We would certainly have the choice to. At HANSA, we believe that's a great start.

Level 3: Monitor and manage a building's faucet status in one easy system

Our new Digital services are designed to help you monitor consumption via Bluetoothenabled products, facilitating the smarter use and management of resources.

Moving forward, we will be offering further services that allow constant monitoring of water consumption and educate customers on the optimal use and maintenance of faucets.





Features as key indicators for water and energy savings

To meet the specific needs of the certificate the project requires a variety of features that can help you to reduce energy and water consumption in your project.

Built in features that garantuee a result by default

Our faucets with integrated low-flow features lead to instant positive effects on the water consumption.

User activated and controlled features

Our lever based and thermostatic features actively assist the user to save energy and water.

Electronically and data driven features

Get realtime feedback from your installations to find further potentials for savings and adjust remotely.

On the following pages you can explore our features in detail

	\bigcirc		Q	\bigcirc
Fixed flowrates defined by aerator or flow limiter. Not influenceable by the user	1,9 - 5	1,9 l – 5 l	3,4 l – 7,5 l	6 l – 9 l
Cartridge/sensor based eco function. Influencable by the user	Eco button Cold start	Sensor opterated Bluetooth®. Settings, Monitoring & Controlling	Eco button Cold start	Eco button
	Single lever mixer	Touchless	Kitchen	Thermostat

Reducing water usage by default

Flow Limiter

Faucets and showers with integrated low-flow features reduce the amount of water released per minute, which can significantly minimise overall water and energy consumption of a building on a large scale. Our product families cover a variety of flow rates – from low flow shower systems to smart washbasin and kitchen faucets. All designed to save water one drop at a time without cutting down on comfort or convenience. Its also possible to customize flow rate for your project.







Cold start

The lever print clearly indicates the limited range of movement due to the cold water starting in the middle position. The special cartridge design assures smooth temperature and volume transitiones.

Lever based options to significantly reduce water and energy use

Cold start

Cold start features can help you significantly cut down your energy use by setting the defaut lever position on cold water. That way, no energy is wasted on heating up water during simple day-by-day operations when there's no actual need for hot water.

Reduce water and energy consumption by thermostatic features

Thermostatic cardridge

The thermostatic cardridge allows precise water and temperature management avoiding unnecessary adjustment operations.

ECO mode

Faucets with built-in ECO features can reduce the water flow upon installation, so you make a small difference every day.

38°C degrees safety button





Electronically / touchless options to reduce water and energy

Touchless features help minimise water use by only running when actually needed. As the water flow is activated and deactivated based on smart integrated sensors, building managers can significantly reduce the risk of water and energy overuse.

Flushing periods can be controlled and optimized to match all regulations with eco needs

Individual Settings

If connected to the App, users can schedule automatic flushing intervals, adjust flushing duration and individualise after flow times, enabling easier monitoring and management of water throughout a building complex.



Touchless faucets







Cold Start



- Single operating lever/handle
- Hot/Cold symbols
- Limitation option for maximum temperature and flow-rate
- Energy saving variation (Cold Start) cold water in the middle position
- Flexible inlet pipes | (G3/8)
- Backflow prevention (EN1717): AA
- ø 35 mm ceramic eco cartridge for flow and temperature control
- Without pop-up waste | Without draw-rod opening
 Projection: 103 mm
- Fixed spout
- Aerator type: PCA® constant flow rate regardless of pressure variations

HANSA Cold Start





Thermostats





- Flow control handle
- Safety stop against scalding at 38°C
- The housing of the fittings conducts minimal heat
- plate(s) | Silencer(s) | (G3/4)
- Backflow prevention (EN1717): EB
- Ceramic head part for flow control
- control Non-return valve(s)
- Litter filter(s)

Bath



Bath 🖾 HANSA



HANSA Bath



Bath 🖾 HANSA





Bath 🖾 HANSA





Shower Shower



Shower



 84310180
 Chrome/Light grey

 Hand shower | Self-powered/Bluetooth®
 EAN 4057304015618

 • Display with real time feedback about the water and energy consumption
 EAN 4057304015618

 Flow-rate at 3 bar (with flow controller): 15 1/min
 Hot water supply: max. +65°C

 - Anti limescale technology (easy to clean)
 Hand shower size: Ø 120 mm

 1 spray function:
 - Sensitive - Gentle water stream

• Operating voltage: SelfPowered

(G1/2)
Light indicated function(s)

Accessories: Flow limiter, 9/12L/min, 2900 02



• (G1/2)



Kitchen



Kitchen 🔂 HANSA



HANSA Kitchen



Pictogram overview

Health

$(((\bullet)))$	Touch-free operation. Maximum comfort, maximum hygiene.
>70°C	Thermostat is suitable for thermal disinfection. This is particularly important for public or large-scale facilities.
Pb ‹0,3 %	Brass in contact with drinking water contains less than 0.3 % lead.
Ní	Surface finishes in contact with drinking water do not have a nickel coating.

Safety

38°	Our thermostats offer maximum safety with scalding protection.
>>>	THERMO COOL. Improved safety – the housing of the fitting conducts minimal heat.
(LB)	Vacuum breaker according to DIN EN 1717
HD	Vacuum breaker according to DIN EN 1717
	Valve for shutting off the water inlet to a dishwasher or washing machine at the fitting.

Technology

4	Low-pressure fitting – for accordingly designed systems.
+	Battery operation – fittings with battery or battery-pow- ered functions.
-Œ	Mains operation – fittings for connecting to the mains power with exposed or concealed power supply units.
\uparrow	Ventilation in the pipe system – components and features designed for purposes such as draining spouts hygienically.
	Pipe aerator – assuring the specified protection of the fitting.
35	HANSA 3S: System for safe and secure installation.
	Tap for cold or pre-mixed water with only one inlet.

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Setting, Control and monitoring of the mixer's functions possible thanks to the HANSA-App.

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Comfort

Î.	Hybrid function: Combined touch-free and manual operation options.
(((•)))	Touch-free operation. Maximum comfort, maximum hygiene.
X	Spouts can be shortened or are available in different lengths to give you more freedom with planning and design.

////	Classic Spray	T	Cascade Spray
	Intense Spray		Rain Spray
	Massage/ Pulsating Spray		Sensitive Spray
	Active Spray		

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