




---

## Energy efficiency in glasswashers and dishwashers

---

# AX - UX

Main features of glasswashers and dishwashers from Sammic's **Active (AX)** and **Ultra (UX)** ranges that contribute to their energy efficiency.

### → Deep-drawing technology: integrated tank and basket guides

Sammic's new dishwashers have been designed applying the latest manufacturing technologies, such as the deep-drawing process for the production of washing tanks. This construction technique offers numerous advantages in daily use.

Integrated and embedded basket guides in the body for greater hygiene and structural robustness. Moreover, the embedded tanks provide a higher washing performance with a water saving of 30% compared to the previous range\* (Around 15% saving in rinsing consumption and a reduction in the tank's liters by up to 46%). A lower water consumption translates into savings of other valuable resources, which allows savings and preserving the environment.

### → New Hydroblade arms

Furthermore, thanks to the application of cutting-edge technologies, the new Hydroblade arms provide two key advantages: greater washing efficiency and lower water consumption.

GLASSWASHERS	Previous range	New range	Diff %
Rinse consumption	2,3	1,9	17%
Tank	16	9	44%

FRONT-LOADING DISHWASHERS	Previous range	New range	Diff %
Rinse consumption	3	2,5	17%
Tank	26	14	46%

HOOD TYPE	Previous range	New range	Diff %
Rinse consumption	3	2,6	14%
Tank	40	25	38%

A lower water consumption translates into savings of other valuable resources, allowing savings and preserving the environment: 25% energy savings and 25% savings in detergent.



### → Increased loading capacity

The new dishwashers increase their loading capacity, occupying the same space. This translates into greater versatility, ergonomic improvement, and an improvement in water and electricity consumption. The expanded loading capacity of the machines allows adapting a second height to wash two baskets simultaneously. Thus, doubling the machine's productivity and reducing water, energy, and chemical consumption.



### → Energy-saving mode or standby

On the other hand, Sammic's new dishwasher range allows for improved energy efficiency through the "energy-saving mode or standby". That is, after 20 minutes without performing a washing cycle, energy consumption is reduced until there is interaction with the dishwasher.

### → Thermo-acoustic insulation

Our Ultra (UX) dishwashers offer thermo-acoustic insulation thanks to the double-wall structure of the Sammic Insulation System. This reduces the noise emitted by the machine, retains residual heat, and improves thermal performance, saving energy.

### → HRS system: steam condenser

Similarly, the Ultra (UX) hoods optionally include a steam condenser, reducing the room's temperature increase by 50% and decreasing the emitted steam by 75%. This saves up to 40% in electric consumption, improves water temperature recovery, and does not require additional installation.

### → Option of integrated water softener

Finally, for front-loading and hood type dishwashers, we offer the option to include the water softener as standard in the machine. Limescale layers on the tank heater reduce the heating potential and lead to higher electric consumption. With your machine's adapted water softening, you will ensure optimal heating potential and efficient operation.

### → DIN10534 standard

All our dishwashers are designed according to the DIN10534 standard to ensure an optimal level of disinfection. Moreover, the efficacy and efficiency of our dishwashers are validated through clinical trials in independent laboratories.

*\*All models from previous ranges are considered to be all the dishwashers manufactured before September 2021 (for example, the Pro, Xtra, Supra, SL, SV, SP, SC ranges).*

**Note:** Currently, commercial dishwashers do not come with an energy certificate, therefore, we have created this report to offer more detailed information about the energy characteristics of the new range of Sammic dishwashers (AX and UX).

