smartsavings

Energy costs are rising. Right now, nobody can say how they will develop in the future. Experts agree on one thing though: for now, costs are staying high for water, chemical products and especially for electricity. It is a relief, that **technology** is moving forward. These days, we can use innovative technology to reduce electricity, water and chemical consumption while still **washing hygienically**.

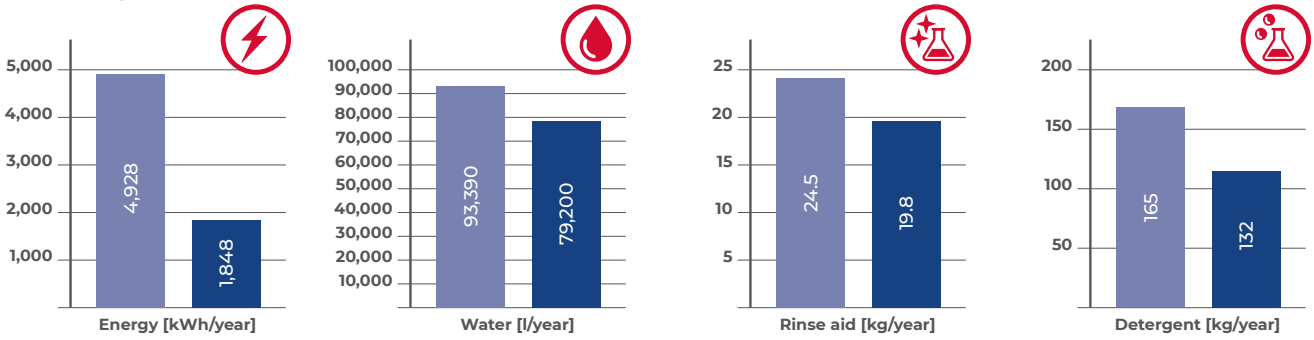
Replacing an old machine with new, energy-efficient technology can reduce your operating costs. It is worth taking a close look at an operating cost analysis.

REDUCING OPERATING COSTS
Case study: hood-type dishwasher

AMXX hood-type dishwasher (2012 model)

AMXXR hood-type dishwasher with heat recovery (2022 model)

Consumption



Model input data for the analysis:

Energy price:	0.25 €/kWh
Water price:	4 €/m³
Price of chemical products:	4 €/kg (for both detergent and rinse aid)
Operating hours/day:	4h/day
Operating days/year:	330 days/year

924 €
↓ Energy savings

57 €
↓ Water savings

151 €
↓ Chemicals savings

1,133 €
+ Savings per year

Take a look at 2 of the many technological innovations we put in our dishwashers to reduce operating costs:

EXHAUST ENERGY STORAGE
The smart way to save energy

If you don't lose the exhaust heat, you don't have to recover the energy back.
Thanks to the all around sealed hood, the hot waste steam – and consequently the energy – remains in the system. An investment in an additional exhaust heat recovery system is therefore completely unnecessary. This clever design of the sealed hoods is standard at HOBART and comes at no extra charge on all hood-type machines.

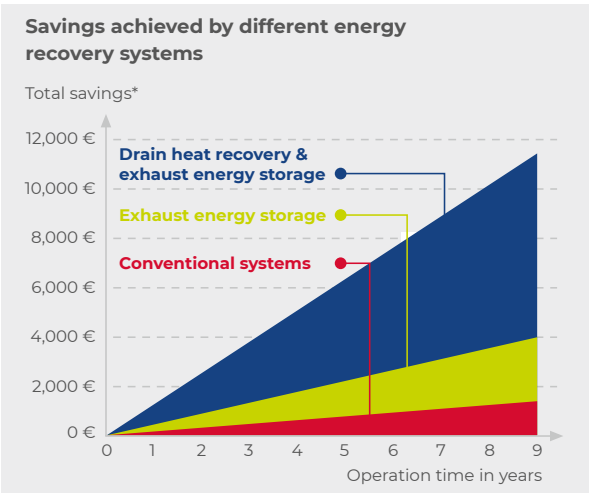
Your result
Energy can be saved effortlessly without any additional investment. as well as a noticeable improvement of the climate in the wash up area.

DRAIN HEAT RECOVERY
Sophisticated use of waste water

The energy of the 60 °C hot waste water is used to heat up fresh water.

And this is how it works: the drain heat recovery option directs the hot waste water along the fresh inflowing water. This heats the fresh water to 40 °C before it reaches its required final rinse temperature in the boiler.

Savings achieved by different energy recovery systems



Depending on the model:

- Saves up to 3,630 kWh per year
- **Outlay cost is recouped as early as the 2nd year.**

* Calculation basis: AMXT with 100 cycles/day, 312 days/year, energy costs: 0.23 €/kWh, volume of rinse water: 2.0 l/rack

LOOKING FOR MORE?
Find many more technological innovations to help you save smart here:

CHALLENGE US!
We will calculate the cost-saving potential for your specific dishwashing area. Simply send us the operating time (h/day, days/year), age and model of your dishwasher, as well as the energy and water prices for your region/country. Send your enquiry to info-export@hobart.de

OR EVEN EASIER:
Scan the QR code, fill in the form and send it off.

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