

WALO
PROFESSIONAL

professional washing
and water treatment



clean water

The CLEAN WATER line is enriched by the integrated **REVERSE OSMOSIS SYSTEM (R.O.S.)**, which allows to obtain glasses and dishes always bright and free of streaks. Moreover it keeps the hydraulic circuits and washing chamber clean by eliminating the limestone, it reduces amounts of detergent and ensures the high efficiency of the heating elements, for a drastic reduction of maintenance interventions and, therefore, significant cost savings.

The line ranges from the hood to the glasswashers, which can be supplied with the **STEAM RECOVERY SYSTEM (S.R.S.)**, in order to reduce environmental impact by lowering energy consumption and completely eliminating steam. Each machine is built according to criteria of robustness, hygiene and aesthetic impact.

luxury

The machines of the LUXURY line meet the most specific market demands in terms of energy savings, build quality and versatility. The line ranges from the hood to the glasswashers, which can be supplied with the **STEAM RECOVERY SYSTEM (S.R.S.)**, which allows the total elimination of the steam.

The whole series has molded chambers characterized by large radii to facilitate the cleanability, ergonomic handles designed to reduce the operator effort, ultimate and user-friendly electronic control. The washing and rinsing arms, as well as the entire dishwasher, are made of stainless steel 304.

smart

The SMART line represents the ideal compromise between **HIGH PERFORMANCE** and **SIMPLE DESIGN**, in the respect of the environment, typical of all WALO products. Hood and double-walled insulated undercounter dishwasher and glasswasher, with a choice between easy to use electronic control and electromechanical control. The SMART line includes the circuit option with atmospheric boiler (which allows a constant pressure of the rinse water in all conditions of installation), completely molded tanks and rails, and integrated wash and rinse arms.



steam recovery
system



osmosis



high performance,
simple design

hood dishwasher

Clean water / Luxury
basket 50x50



Smart
basket 50x50



undercounter dishwasher
and glasswasher

Clean water
basket 50x50



Luxury
basket 50x50



undercounter dishwasher
and glasswasher

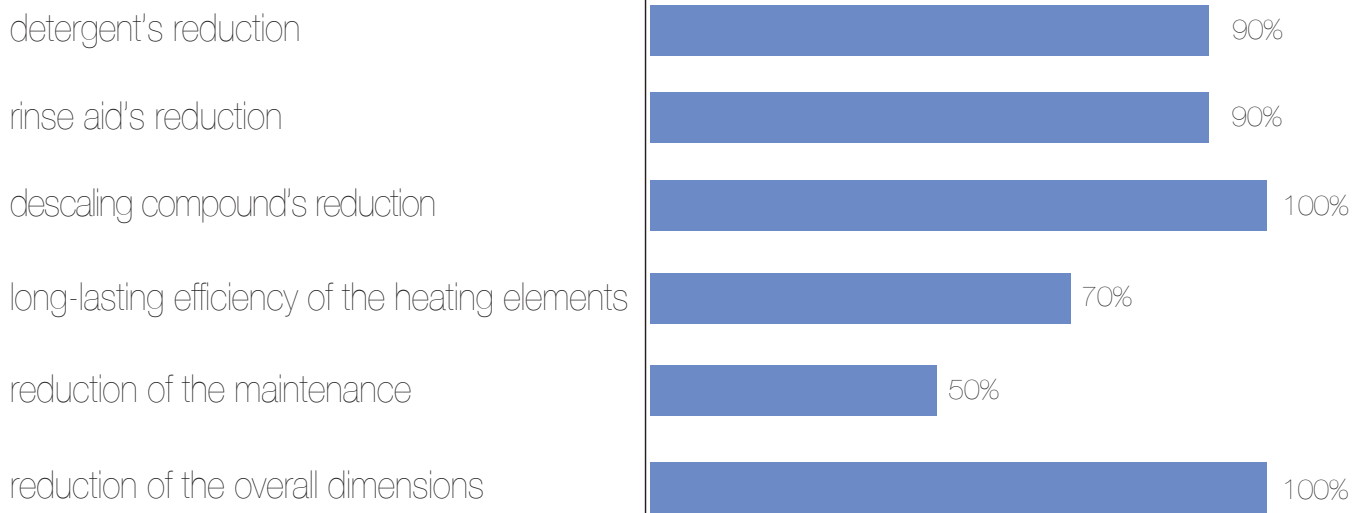
Smart
basket 50x50 / 40x40 / 35x35





Thanks to the **REVERSE OSMOSIS SYSTEM (R.O.S.)**, the glasses are perfect without blemishes or stains due to water quality. Please note that the osmosis system is integrated in the machine, thus eliminating the problem of space in premises prevalently occupied by the furniture or rooms dedicated to other services.

The integrated reverse osmosis system also allows a reduced consumption of detergent compared to common water treatment systems and drastically reduces the technical assistance, maintaining the heating elements always clean.

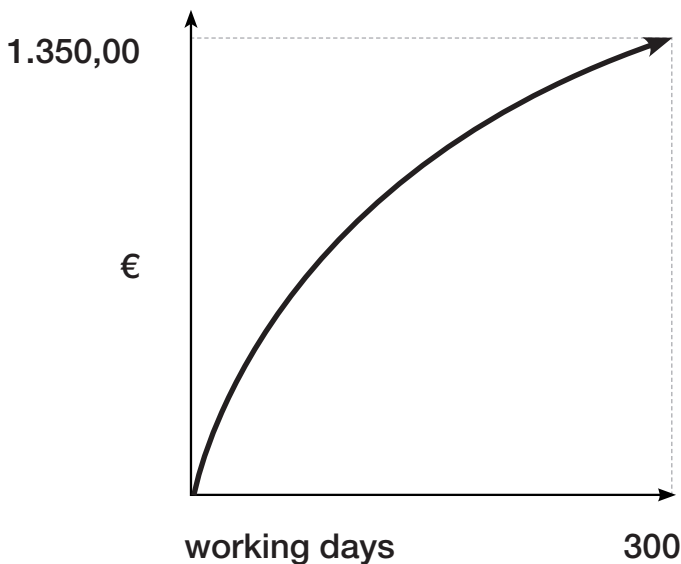


- ✔ Detergent's reduction of 90%
- ✔ Rinse aid's reduction of 90%
- ✔ Complete elimination of the use of descaling compounds
- ✔ Long-lasting efficiency of the heating elements
- ✔ Reduction of the maintenance's costs
- ✔ Reduction of the overall dimensions due to the integration of the reverse osmosis system in the machine



The **STEAM RECOVERY SYSTEM (S.R.S.)** allows the total elimination of steam at the end of the wash cycle keeps the workplace healthy and prevents the operator from continuously breathing the substances contained in the detergents. It also ensures the absence of fumes after opening. Our steam recovery system needs to be connected to the cold water and not to the hot water produced by external heat sources. The cold water sent into the condensing device allows the steam generated by the rinsing cycle to be absorbed and eliminated quickly.

steam recovery system



Kw saved per cycle	0,050	x
Cycles/h	50	x
Daily working hours	5	x
Working days in a year	300	x
Electrical energy cost per KW	0,36	=

TOTAL 1.350,00 €/year



The steam recovery system guarantee a considerable saving in operating costs. This exchange allows an average heat rise of about 16°C to be recovered from the mains water and sent directly to the boiler, with annual electricity savings of up to 1.350,00 €.

hood dishwashers

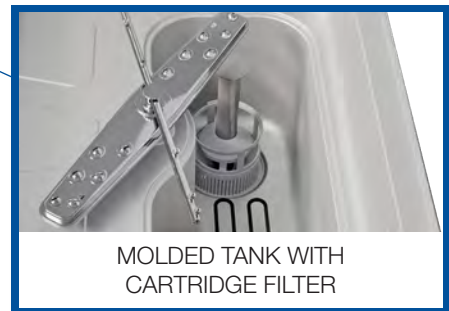
All Walo products, from hood to undercounter dishwashers are made with attention to the smallest details to guarantee the best performances, ergonomics, cleanliness and the lowest consumption of their category.



INTEGRATED STEAM RECOVERY SYSTEM



ERGONOMIC HANDLE



MOLDED TANK WITH CARTRIDGE FILTER



STAINLESS STEEL WASH AND RINSE ARMS



INTEGRATED REVERSE OSMOSIS

Thanks to a double loading circuit, the dishwasher can be supplied with mains water by activating the by-pass function.



ELECTRONIC PARAMETER CONTROL

undercounter dishwashers



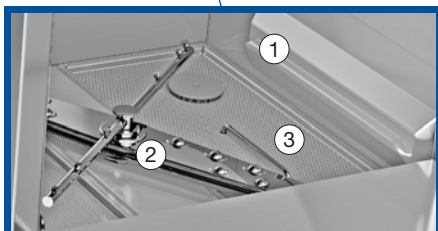
INTEGRATED STEAM RECOVERY SYSTEM



ELECTRONIC PARAMETER CONTROL



DOUBLE-WALLED



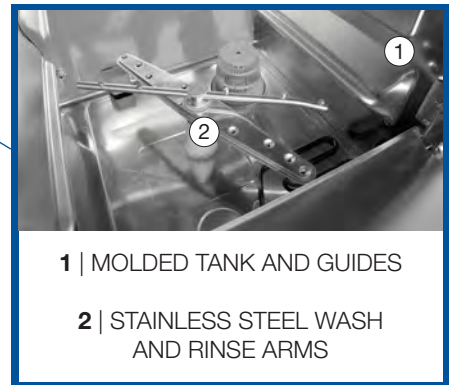
- 1 | MOLDED TANK AND GUIDES
- 2 | STAINLESS STEEL WASH AND RINSE ARMS
- 3 | DOUBLE REMOVABLE FILTER



INTEGRATED REVERSE OSMOSIS

Thanks to a double loading circuit, the dishwasher can be supplied with mains water by activating the by-pass function.

undercounter glasswashers



INTEGRATED REVERSE OSMOSIS

Thanks to a double loading circuit, the dishwasher can be supplied with mains water by activating the by-pass function.

hood dishwashers



ERGONOMIC HANDLE



MOLDED TANK

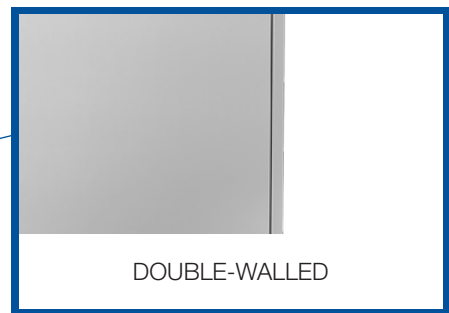


ELECTRONIC CONTROL



ELECTROMECHANICAL CONTROL

undercounter dishwashers/glasswashers



DOUBLE-WALLED



MOLDED TANK AND GUIDES

The WALO Professional osmosis, used for water treatment, are able of altering the organoleptic and chemical characteristics as well as greatly reduce the salt content. The machines are specially designed to serve dishwashers and glass washers with break tank device and rinse booster pump or with a boiler fed with network pressure.

The equipment is divided into three distinct technical compartments (hydraulic functional compartment, frontal inspection compartment, dashboard and electrical components) to reduce and facilitate routine maintenance operations aimed at the replacement of membranes, filter change and inspection of the electrical / electronic parts.



Albatros and Colibri



FILTER

Each machine is equipped with an **ACTIVE CARBON FILTER** capable of retaining any substances and impurities which can be harmful to the membranes.



BY-PASS

By pressing the **BYPASS** button on the dashboard, the dishwasher will be automatically loaded with mains water thanks to a double circuit.



VESSEL

Built in 304 stainless steel. The frontal compartment allows an extremely easy replacement of the membrane without removing the unit from its housing.

The Colibri osmosis unit has a mixer that allows the adjustment of water hardness according to the user's needs.

The Albatros osmosis has **an independent electronically managed system of opening/closing of the permeate and concentrate**. This device allows to obtain a production of only permeate without discharge of concentrate. Once the permeate production is finished, the content of salts accumulated is expelled by opening the passage of the concentrate and closing the one of the permeate.

The above mentioned method has two advantages:

- It greatly reduces inlet water flow
- Preserves deterioration of the membranes due to their washing at the end of each cycle.

Softeners with chrono-volumetric regeneration equipped with:

- Automatic softeners with electronic volumetric valve, also programmable to be time-based, simplified programming.
- IN/OUT valve connections: 3/4" male - rear Input/Output
- Cylinder head without solenoid valves, complete with a hardness mixer and by-pass
- Keys for displaying/programming phases/functions

5 to 75 litres resin, in different versions:

cabinet



CABINET 15-30 L



CABINET 5-8 L

external cylinder



EXTERNAL CYLINDER 50-75 L



EXTERNAL CYLINDER 8-35 L

WALO

PROFESSIONAL

A brand of



HRC INDUSTRIES SRL s.u.

Via Pontebbana, 9 - 33098 - Valvasone Arzene (PN) - Tel +39 0434.85440 - Fax +39 0434.85390 - info@walo.it - www.walo.it