green&clean
warewashers

- Glasswasher
- Undercounter
- Hood Type
- Pot and Pan
- Rack Conveyor
Five options for all your warewashing needs

Glasswasher, Undercounter, Hood type, Pot and Pan, Rack Conveyor warewashers are the ideal solutions for demanding customers who require high performance, low running costs and less impact on the environment. Electrolux offers the maximum in washing results while providing a reliable warewashing service.
Best in class performance

Restaurants
High-performance warewashers, the perfect choice for restaurants with large customer turnover that need to provide rapid quality service.

Hotels
The ideal solution for kitchens that must satisfy various customer requirements from room service to fine dining.

School and university canteens
Ideal for facilities where a quick service is required for kitchens that have limited time to prepare and serve meals.

GREEN
Less water, energy, detergent and rinse aid consumption for lower running costs and less impact on the environment.

CLEAN
Best-in-class wash and rinse performance with total detergent removal.

SAFE
Unique WASH•SAFE CONTROL device for a constant nominal rinsing temperature of 84°C.

EASY
Worry-free operation and maintenance.

INMETRO
The complete Electrolux warewashing range is certified INMETRO.
Superior hygiene
Superior wash technology
ensures excellent hygiene,
accelerates the serving
of beverages and creates
a better drinking experience
for customers.

Cleaner hygiene, faster service for better results.

Cool hygienic
glasses

Top performance leaves the competition behind.

**Double walled cabinet**
Two walls on the sturdy
glasswasher frame reduce
noise and heat loss.
The door is also built with
an insulated double skin
to reduce energy loss.

**Superior hygiene**
Superior wash technology
ensures excellent hygiene,
accelerates the serving
of beverages and creates
a better drinking experience
for customers.

**Efficient engineering**
Optimal washing and rinsing
performance, offering total
detergent removal. No area of
the wash chamber is out of
reach from the high-
performance, carefully-
engineered water jet pattern,
guaranteeing the best washing
results.

Equipment includes built-in
rinse booster pump for
perfect rinsing results even
at low inlet water pressure.

**Quick operation**
60 racks/hour: Fast and
efficient cleaning allows to
wash more ware for busy bars
and pubs.
Optimal washing results

Upper and lower washing and rinsing arms
Stainless steel construction with independent rotary supplies high water pressure for both washing and rinsing. Advanced cold rinse system produces sanitised glasses that are cool enough to handle immediately.

Stainless steel wash tank
The fully pressed wash tank with rounded corners avoids dirt traps.

Pushing the button, the machine will rinse first with hot water (from 80-90°C) for hygiene and then cold water will be used in the final rinse to cool down glasses.
SAFE

Safe operation

IPX4 water protection
Design of the glasswasher satisfies important international safety requirements. Warewasher rear is covered with a single plate to protect both internal components and external elements. Either against water or small solid objects.
Quick plug-in installation

Washers that are the easiest to install and maintain.

Simple operation is user-friendly
Wash cycle lasts 60 seconds, permitting fast and easy washing of heavy loads and rendering your outlet more productive.

Easy plug-in
Fast yet safe installation thanks to intelligent design of fully equipped features.

Easy internal cleaning
Worry-free operation and maintenance.

Internal components easy to be removed
Intelligent mechanical design provides for easy removal and cleaning of internal parts.

Moulded wash tank
Single moulded piece including the wash basin ensures complete and easy cleaning

Quality construction
The glasswasher has smooth surfaces to avoid build-up of dirt and to aid cleaning. Glasswashers are built

with 304 AISI stainless steel front and side panels, wash tank, wash/rinse arms and nozzles.
Undercounter warewasher

The ideal warewasher for cleaning plates, cups, utensils, glasses and cutlery.
Savings and efficiency

Water savings
The shape of the spray nozzles and the rotating arms both at the top and bottom of the wash chamber, combined with the rinse booster pump, ensure excellent washing and rinsing. The nozzles are specially designed to distribute water evenly throughout the area of the washing chamber, leaving no area uncovered. This system produces more efficient rinsing with low water consumption.

Controllable running costs
Constant rinse water consumption of 3 l/cycle regardless of inlet water pressure ensure low consumption of water, energy, detergent and rinse aid.

Rinse water consumption

<table>
<thead>
<tr>
<th>Pressure</th>
<th>0.5 bar</th>
<th>7 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>3l / cycle</td>
<td>Electrolyt Atmospheric circuit</td>
<td>Whatever water inlet pressure</td>
</tr>
</tbody>
</table>
Excellent washing & rinsing

Washing
The powerful wash circuit fully exploits the shape of the spraying nozzles and the rotating arms both from the top and bottom of the wash chamber to deliver best-in-class results. No area in the wash chamber remains uncovered by blades of water generated by the nozzles.

Rinsing
The hydraulic circuit is equipped with a solenoid valve, air break, boiler waiting device and rinse booster pump. It ensures a constant high temperature and controlled water pressure during the rinse phase. Therefore, rinse quality is always guaranteed. Thanks to the 4-second pause after washing and before rinsing, no water drops fall on the cleaned items.

Electrolux Undercounter warewasher guarantees removal of food particles.

Electrolux Undercounter warewasher guarantees elimination of bacteria.
Perfect rinsing performance

The Atmospheric boiler guarantees rinsing has been performed perfectly with a constant temperature of 84°C.

1. Water inlet, water enters at a pressure from 0,5 to 7 bar (depending on water supply).
2. Air gap exit, water pressure reaches 0,9 - 1 bar (depending on the installation location) while temperature remains constant at inlet conditions.
3. Boiler exit, water reaches 84°C while pressure remains constant at 0,9 - 1 bar.
4. Rinse booster pump exit, water pressure reaches 6 bar while temperature remains at 84°C.
5. Rinse nozzle exit, at each nozzle the pressure drops to 0,4 - 0,5 bar while temperature remains at 84°C.

The air-break prevents water from flowing back into the mains in case of machine failure and stabilizes water pressure.

The atmospheric boiler provides a large quantity of hot water at a constant high temperature.

The boiler waiting device ensures that rinsing starts only when the water reaches the right temperature.

The rinse booster pump pushes water at constant high pressure. Detergent removal is guaranteed even with low water inlet pressure.

The solenoid valve allows water from the mains to enter the machine and fill the boiler.
Easy to use control panel

User friendly control panel makes operation easy.

Self cleaning
Once the tank filter and overflow tube have been removed, pressing this button will activate the emptying of the wash tank. After that, four rinse cycles will start to sanitize the wash chamber. When completed, the water from rinsing is drained completely to avoid bacteria proliferation.

Wash Temperature indicator
When lit, indicates that the washing cycle is in operation at the temperature shown on the display.

Rinsing Temperature indicator
When lit, indicates that the rinsing cycle is in operation at the temperature shown on the display.

Cycle 1*
Short wash cycle recommended for lightly soiled items and glasses.

Cycle 2*
Medium wash cycle recommended for medium soiled items.

*The washing and rinsing cycle times and temperatures can be fully customized to meet specific customer requirements.
Plug-in design

Fully equipped for easy and fast installation without opening the machine.
Hood Type warewasher

The solution for highly efficient multipurpose washing.
Low running costs

Electrolux Hood Type warewashers offer reduced running costs compared to current machines on the market; saving both types of green: money and the environment.

Enjoy the yearly savings in water, energy, detergent and rinse aid while guaranteeing best-in-class performance:
- Water savings: only 2 liters per cycle of fresh water are needed for rinsing regardless of water inlet conditions.
- Detergent and rinse aid savings: chemical consumption reduced by 35% thanks to the reduced quantity of fresh water needed.
- Energy savings: Drops by 35% since less hot water is used for rinsing and less water is needed for initial filling.

**Savings thanks to:**

<table>
<thead>
<tr>
<th></th>
<th>Energy cost</th>
<th>Detergent cost</th>
<th>Water cost</th>
<th>Rinse aid cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>€ 1040</strong></td>
<td>69%</td>
<td>25%</td>
<td>4.5%</td>
<td>1.5%</td>
</tr>
<tr>
<td>per year</td>
<td></td>
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</table>

- **ESD - Energy Saving Device**
  - Highly efficient. No need for additional ventilation. The steam generated during the wash cycle is captured and its energy is used to pre-heat the incoming cold water.

- **ZERO LIME Device**
  - Maximum efficiency - Automatic de-lime cycle keeps boiler, hydraulic circuit, heating elements, nozzles and washing chamber completely free from scale build-up thus guaranteeing high efficiency, low energy consumption and lower running costs.
Excellent performance

The ideal warewasher for cleaning plates, cups, utensils, glasses and cutlery with total detergent removal.

Washing
CLEAR BLUE Filtering System
ensures the highest standards of cleanliness. This advanced filtering system keeps the wash water free of food residue thus improving the efficiency of the detergent. Thanks to the tank filter, soil is collected and guided through filters. Before rinsing, the drain pump removes all soils. Powerful washing circuit guarantees best-in-class washing results regardless of where the items are placed, thanks to the unique shape of the spray nozzles and the upper and lower rotating arms.

Rinsing
ZERO LIME Device - improves performance by avoiding scale build-up safely and easily.
Atmospheric boiler - High quality rinsing
is always achieved regardless of inlet water conditions. Ensures constant high temperature and water pressure during the rinse phase.

Sloped ceiling and slanted wash arms for the best rinsing performance. The sloped ceiling guides the wash water to the front of the hood resulting in fewer water drops on the items. The slanted wash arms and the 4-second pause after washing and before rinsing ensures the wash water no longer drops on the clean dishes during the rinse cycle.

Sanitation
The most dangerous groups of bacteria find their ideal condition in an environment with a temperature between 20° and 60°C (max 70°C).
The green&clean hood type washer guarantees a constant rinsing temperature of 84°C assuring perfect hygienic conditions and total detergent removal.
Safety comes first

No more worries, hygienic conditions are always under control. **WASH•SAFE CONTROL:** the rinse quality is guaranteed thanks to a constant rinse temperature of 84°C and water pressure that is independent from the mains.

**Perfect sanitation**
The most dangerous groups of bacteria find their ideal condition for growth in an environment with a temperature between 20° and 60°C (max 70°C). The green&clean hood type guarantees a constant rinsing temperature of 84°C assuring perfect hygienic conditions and total detergent removal fulfilling best-in-class safety requirements.

**Complete sanitation in 5 steps**
1. **Water inlet**, water enters at a pressure from 0.5 to 7.0 bar (depending on water supply).
2. **Air gap exit**, water pressure reaches 0.9-1.0 bar (depending on the installation location) while temperature remains constant at inlet conditions.
3. **Boiler exit**, water reaches 84°C while pressure remains constant at 0.9-1.0 bar.
4. **Rinse booster pump exit**, water pressure reaches 6.0 bar while temperature remains at 84°C.
5. **Rinse nozzle exit**, at each nozzle the pressure drops to 0.4-0.5 bar while temperature remains at 84°C.

The **WASH•SAFE CONTROL** light turns green to guarantee rinsing has been performed perfectly with a constant temperature of 84°C.
Simple ergonomic operation

The hood type warewasher - the only machine developed with a corner control panel for maximum visibility and operation.

The models featuring the ESD Energy Saving Device eliminates the need for an additional ventilation hood. ESD captures the excess steam thus guaranteeing a better working environment.

The models with automatic opening feature the integrated LED display at the top corner of the machine to allow easy monitoring of operations.

High clearance of 440 mm facilitates washing of large items. Choose from a wide range of accessories to complement your warewashing area.

24 liter pressed tank in frontal position. Filter can be easily removed for cleaning operations

Maximum visibility thanks to the innovative angular position of the control panel.

Obtain the perfect washing result in all conditions by customizing the concentration of detergent and rinse aid directly at the control panel.

The self-cleaning feature completely drains the water from the wash tank and pump, performs 6 rinse cycles to sanitize the washing chamber and when completed, the water from rinsing is drained completely to avoid bacteria proliferation.
Easy to use control panel

The **WASH•SAFE CONTROL** light turns green to guarantee rinsing has been performed perfectly with a constant temperature over 84°C (on selected models).

## On /Off button
Indicates the machine is on or off.

## Washing Temperature indicator
When lit, it indicates that the washing cycle is in operation at the temperature shown on the display.

## No water supply
When lit, it indicates that there is no inlet water being supplied to the machine.

## Rinsing Temperature indicator
When lit, it indicates that the rinsing cycle is in operation at the temperature shown on the display.

## Temperature display
Indicates the water temperature during washing and rinsing.

## Cycle 1
Short wash cycle (ETL 57 sec / high productivity 45 sec) recommended for lightly soiled items and glasses.

## Cycle 2
Medium wash cycle (84 sec) recommended for medium soiled items.

## Cycle 3
Long wash cycle (150 sec) recommended for heavily soiled items.

## ZERO LIME Device
When activated, the machine performs the automatic de-lime cycle (on selected models).

## Self cleaning
When activated, the machine drains the water from the wash tank and the wash pump. Six rinse cycles will then start to sanitize the washing chamber. When completed, the water from rinsing is drained to avoid bacteria proliferation.

## Temperature display
Indicates the water temperature during washing and rinsing.

## Cycle 1
Short wash cycle (ETL 57 sec / high productivity 45 sec) recommended for lightly soiled items and glasses.

## Cycle 2
Medium wash cycle (84 sec) recommended for medium soiled items.

## Cycle 3
Long wash cycle (150 sec) recommended for heavily soiled items.

## High Productivity Mode
When selected the machine will operate in high productivity mode, sanitizing according to DIN10512.
Pot & Pan warewasher

Electrolux Pot & Pan washers are the ideal solution for demanding customers looking for high performing machines. Perfect for cleaning pots, pans, utensils, trays. Flexible and ergonomic operation, offering the maximum in sanitation and washing results, the Electrolux promise is to provide a reliable ware washing operation with low running costs.
Exceptional performance

Electrolux Pot & Pan washers are designed to satisfy the highest standards in wash performance.

Water savings
- Constant rinse water consumption saves water, energy, detergent and rinse aid.
- Double-skin construction saves energy with less heat emission.
Efficient use of water

Performance prevents water from being wasted
- Powerful wash pumps ensure clean pots, pans and containers.
- Additional 3-sided wash arm provides more powerful wash water for the best cleaning.
- Specific internal shape of hood prevents drops of water from falling on the clean items, once the wash cycle has finished.
- Possibility to adjust wash water pressure of both upper and lower washing arms (depending on items) to obtain the best performance.
Excellent rinse quality

Wash Safe Control = excellent rinse quality

- Rinsing circuit sanitizes all washed items at a constant temperature of 84°C, regardless of the network’s water temperature.
- Atmospheric boiler and rinse booster pump ensure a strong constant rinse water pressure, even when water main pressure is low.
- Internal wash area has round corners & no pipes.
- 3-sided wash arms for thorough cleaning of large items with “click-in - click-out” device if not required by the operator.
- Automatic self-cleaning cycle sanitizes washing chamber with hot water after use.
- Boiler drain facility to evacuate “dirty” water for added hygienic protection when not in use.
- Height adjustable feet facilitate cleaning operations.
- All internal components; wash arms, rinse arms, and filters are easily removable for cleaning.

How it works

1. The solenoid valve allows water from the mains to enter the machine to fill the boiler
2. The air-break prevents water from flowing back into the mains in case of machine failure
3. The rinse booster pump pushes water at constant high pressure. Detergent removal is granted even with low water inlet pressure
4. The boiler waiting device ensures that rinsing starts only when the water reaches the right temperature
5. The atmospheric boiler provides a large quantity of hot water at a constant high temperature
Designed specifically for you

Ergonomic excellence offers operators an efficient and user-friendly working environment.

Design
- Pot and pans washers feature split doors, counterbalanced by two telescopic arms which lighten the load during opening and closing.
- Carefully designed runners assist loading and unloading of heavy baskets.
- Insulated double-walled door reduces noise levels.
- Pressed wash tank with rounded corners.

Plug-in design
- Built-in drain pump inside. Outside the drain hose enables to drain waste water to max 800 mm height.
- Built-in peristaltic rinse aid dispenser. Outside there is only a tube to insert into the rinse aid container.
- Built-in peristaltic detergent dispenser. Outside there is only a tube to insert into the detergent container.

180° frontal door opening
Easy to use control panel

- No time wasted, audio and visual signals are clearly displayed for the operator:
  “Close” - close the door
  “Fill” - machine filling with water
  “End” - washing cycle finished
  “Clean” - cleaning cycle being performed
- Large digital display to read wash and rinse temperatures
- Wash and rinse cycle times and temperatures can be easily personalized
- Electronic display incorporates a counter which indicates the number of wash and drain cycles performed, to check if dirty water is being changed often to provide clean pots and pans
- Precise rinse aid and detergent quantities set via the control panel, offering excellent savings
- Auto diagnostic display provided in the event of malfunction, with code indicating the problem
- Electronic control panel set for HACCP monitoring equipment such as computers & printers

The WASH•SAFE CONTROL guarantees excellent rinsing quality and sanitization.

- On/Off button
- Cycle 1 Short wash cycle (3’)
- Cycle 2 Medium wash cycle (6’)
- Cycle 3 Long wash cycle (9’)
- Infinite Infinite wash cycle

Self cleaning
Activates 4 rinse cycles to sanitize washing chamber and then completely drains the wash tank and wash pump to avoid bacteria proliferation.

Washing/rinsing temperature indicators When lit, it indicates the wash or rinse cycle is in operation at the temperature displayed.
Rack conveyor warewasher

Adaptable and sturdy, the new range of compact rack type warewashers from Electrolux offers the maximum in hygiene and is the most dependable perfect solution to the wash up zone. A range comprising of 12 models, single tank and double tank available in 380-400V 3-phase voltage.
Ecologically sound

Less heat released by the washer results in major savings. Steam heat is captured rather than released into the kitchen environment and then used to heat incoming cold water.

ESD - Energy Saving Device
Highly efficient. No need for additional ventilation.
The steam generated during the wash cycle is captured and its energy is used to pre-heat the incoming cold water.

Flexible curtains
Silicon curtains (on selected models) permit all types of dishes and wares to enter the washer without leaving open gaps for heat and steam to escape. This material resists wear-and-tear over time, continuing to function properly over the years.

Auto Start
Electrolux auto start and stop device in the pre-wash, wash and rinse areas provide full power only when needed. Levers located at the entrance and just before the rinse area identify the location of the racks inside the washer. Pumps are activated only when there is at least one rack in the wash zone. If no racks are loaded, after 5 minutes the pulling motor is automatically stopped and restarts when a new rack enters the washer.
Automatic Dump & Fill

Superior Wash Performance.

Incorporates 2 speeds, slow for more baked on dirt, fast for lighter soiling; thanks to the inverter, both speeds can be fine tuned to set the perfect washing speed.

The hardware of the electronic board can be updated - new software releases are easily downloaded.

Despite the compact dimensions, an optimum distance between wash and rinse arms eliminates splashing of soiled water onto sanitized items.

The dividing curtains ensure that no food debris is carried over between the wash tank and rinse zone.

The pre-wash zone is completely detached from the wash & rinse zone and drains dirty water, replenishing with clean water: frequently for dirty plates, less frequently for lightly soiled items.

Thanks to the built-in drain valve controlled by the main board, wash and pre-wash water tanks are completely filled during normal operations (120 and 154 liters respectively) without stopping the unit. Some 30% of the water is dumped and refilled automatically every 200 racks for the wash tank and every 170 racks for the pre-wash.

The independent pre-wash tank, available only in the 168 cm model, becomes in reality an additional wash zone. This removes most soil even as water temperature remains below 40°C to prevent proteins from sticking to the dishes and wares, guaranteeing perfect pre-wash action.
Exclusive booster technology

Greater efficiency, longer life, regardless of inlet water condition.

Longer life for the booster
Warewasher contains a booster made in AISI 304 with TIG welding executed in a nitrogen atmosphere. This prevents damage caused by lime and eliminates corrosion risk deriving from water chlorine content. Your booster will last 10 times longer as a result.

Always safe rinse
Thanks to the atmospheric/open booster hydraulics, sanitization is guaranteed by rinse water temperature and pressures kept at constant high levels by the atmospheric circuit - equipped with rinse booster pump and air gap.
Quick and Easy monitoring...

Easy interaction for all operators
The LCD display on the control panel produces clear messages for operators and technicians. At the first installation, the display will automatically guide the technician in performing motor current adjustment and checking for correct wiring.

During operation, the LCD ensures easy monitoring of washer status, which may be read from a distance in the kitchen.

...and installation

The clear instructions are available in English, Spanish and Portuguese languages, including one copy inside the machine and another attached to the door. Instruction offers detailed information to connect water, chemical and ventilation supply.

All connections for water, detergent and rinse aid are external and pre-arranged for easy connections without opening the machines.
Excellence
with the environment in mind

• All our factories are ISO 14001-certified

• All our solutions are designed for low consumption of water, energy, detergents and harmful emissions

• In recent years over 70% of our product features have been updated with the environmental needs of our customers in mind

• Our technology is ROHS and REACH compliant and over 95% recyclable

• Our products are 100% quality tested by experts