

*Thinking of you*

**Electrolux**

Hood type dishwashers

**Electrolux**



# Hood type dishwashers

Hood type dishwashers are the ideal solution for demanding customers requiring high performance with low running costs. Electrolux offers the maximum in washing results while providing reliable dishwashing operation.

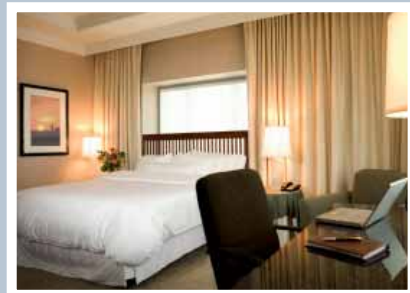
## **Small and medium sized restaurants**

High performing dishwashers, the perfect choice for restaurants with a large turnover of customers, needing to provide rapid quality service.



## **Small and medium sized hotels**

The ideal solution for small and medium sized kitchens which have to satisfy various customer requirements from room service to fine dining.



## **Quick service restaurants, pubs and bars**

Ideal when a quick and dynamic service is required for kitchens that have a limited time to prepare and serve meals.



## green&clean dishwashers



### GREEN

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



### CLEAN

Best-in-class washing and rinsing performance with total detergent removal.



### SILENT

Best-in-class for low noise level thanks to the double skin insulated hood.



### SAFE

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



# Low running costs

Experience the 20% running costs reduction versus standard machines in the market and share the commitment of the latest generation of Electrolux Hood type dishwashers for a better environment.

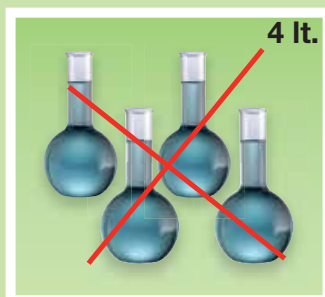


- Enjoy the 500€\* per year in your pocket thanks to the savings made in water, energy, detergent and rinse aid and still guarantee best in class performance:
  - **Low water consumption:** 3lt/cycle of fresh water are used for rinsing with standard water inlet conditions
  - **Low energy consumption: drops by 20-25%** since less water is used for rinsing
  - **Less Detergent and Rinse aid consumption:** much smaller quantities are needed
- The double skin insulated wall ensures a **low noise level** and a **reduction in heat loss** from the machine
- The optimisation of the packaging materials and size, to fit trucks and containers standard dimensions, drastically **reduce transportation costs** and recycling needs



\* Comparison with standard machine: 100 cycles per day, 300 annual working days. 15°C inlet water

## Do you know why 3 liters are better than 2 or 4 liters?



**high running costs**  
with adequate performance



**green&clean:**  
the **perfect balance** between optimum performance and low running costs



lowest running costs but with **inadequate performance**

# Best-in-class performance

Excellent washing and rinsing performance with a total detergent removal. The ideal dishwasher for cleaning plates, cups, utensils, trays, gastronorm containers and cutlery.

## Washing

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

**Electrolux Hood type dishwashers**



Electrolux Hood type dishwashers guarantee clean items\*.

**Other Hood type dishwashers**



Standard Hood type dishwashers fail to remove all dirt/food on the plates at the same washing conditions\*.

\*Result of standard testing procedure made by Electrolux using multiple layer chemical sensors. Black strips remaining on the plates indicate that washing was not performed perfectly.

## Rinsing

- The atmospheric boiler is equipped with solenoid valve, air break, waiting boiler device and rinse booster pump. It ensures **constant high temperature** and **constant strong pressure** of water during the rinse phase. Therefore, regardless of inlet water condition, the rinsing quality is always achieved
- Thanks to the 4-second pause after washing and before rinsing, no drops of water used for washing will fall on the cleaned items

**Electrolux Hood type dishwashers**



Electrolux Hood type dishwashers guarantee perfect rinsing performance\*

**Other Hood type dishwashers**



Standard machines do not remove all detergent on the plates after rinsing\*

\* Result of standard testing procedure made by Electrolux using chemical sensors. Violet colour appears as reaction between residual detergent and phenolphthalein.

## ... and safety!

**WASH•SAFE CONTROL:** the rinse quality is guaranteed thanks to the constant rinsing temperature of 84°C and the water pressure which is independent from the mains.

### Perfect rinsing performance

Sanitized plates are the best guarantee for hygiene and Electrolux Professional knows the importance of providing a total detergent removal in the rinsing phase to fulfil best-in-class safety requirements.

The most dangerous groups of bacteria find their ideal conditions for growth in an environment with a temperature between 20° and 60° (max 75°). Therefore, the constant rinsing temperature of 84°C assures perfect hygienic conditions.

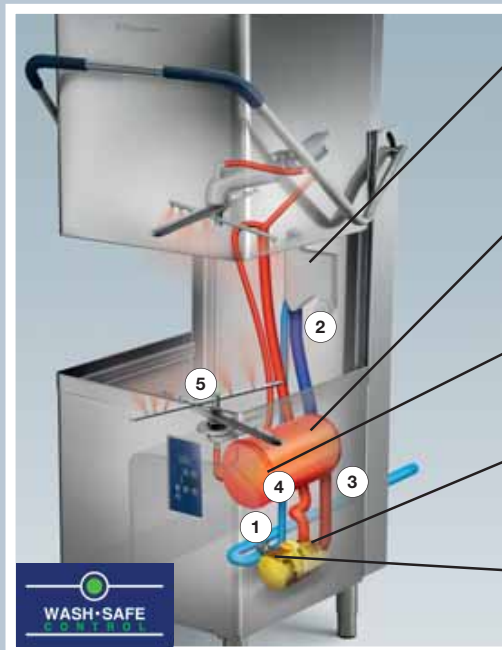
**1. Water inlet,** water enters at a pressure from 0,5 to 7 bar (depending on water supply)

**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

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 granted even with low water inlet pressure

The **solenoid valve** allows water from the mains to enter the machine to fill the boiler

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



### Spot-free glasses and cutlery

- Models equipped with **Continuous Water Softener (CWS)** guarantee **non-stop dishwashing** because workflow is not interrupted for resin regeneration thanks to two resin containers installed in the back: the electronic control uses one of the containers to soften the water and at the same time regenerates the resins in the other one
- 100% of the water entering the dishwasher is softened providing **spot-free results** and reducing scale build-up
- The water softener is integrated with the atmospheric rinse system, maintaining **high rinse water pressure** and a constant **high temperature** during the rinse phase
- All models are equipped with **external salt filling cap**, so the operator can easily load the container without having to access the internal chamber
- A sensor advises the operator when the salt container needs to be refilled



# The best performance ever thanks to these additional benefits

## Ergonomics

- **Firm grip and fast operation** are guaranteed thanks to the rubber corners on the hood handle
- A unique safety device prevents the hood from accidentally closing in case of breakage of the sustaining springs, thus avoiding any risk of injury for both the operator and the service engineer
- The hood, made of single sheets covering both the front and sides, without lateral supports, make loading/unloading operations fast and easy
- The hood is open on the back side to prevent steam from blasting towards the operator
- The models equipped with automatic hood lifting reduce labour costs, in heavy duty washing areas, by eliminating the need to open and close the door



Rubber corners on the handle



Hood open on the back to release hot steam



Control panel



Soft start

## Flexibility

- **Three standard cycles** are available to wash any kind of residue
- The **washing** and **rinsing cycle times** and **temperatures** can be **fully customised** to meet specific customer requirements
- The **“Soft start”** feature prevents **accidental damage to glassware and crockery** by reducing the power of the jets of water at the start of the wash cycle
- The concentration of detergent and rinse aid can be set directly through the electronic board to get a perfect washing result in all conditions
- All models are pre-arranged to accept external dosing equipment to avoid a service engineer from damaging the machine during installation
- **Several types of baskets** are available to suit every washing need. Specific solutions for balloon, crystal and beer glasses have been developed by the Electrolux Dishwashing R&D department to deliver spot-free results
- The external electric box allows rapid on-site changing from single to three phase connections and viceversa



Several types of baskets and loading/unloading tables



### Hygiene

- The wash tank has **round corners** to avoid dirt traps
- The **basket support, tank filter** and **wash/rinse arms** are **easily removable** for cleaning
- The **fully automatic self-cleaning cycle** sanitizes the washing chamber with hot water
- The self-draining wash pump device completely empties both the boiler and the wash pump to avoid bacteria proliferation when the machine is not in use
- The self-draining wash pump and the draining of the wash tank (by simply removing the overflow pipe) eliminate "stagnant" water for added hygiene



Round corners



Wash/rinse arms easily removable

### Reliability

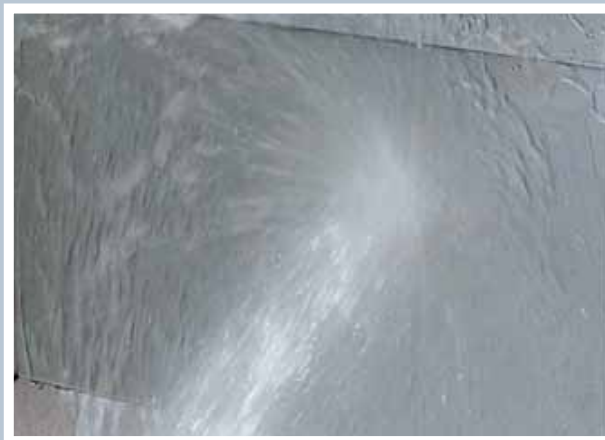
- All **components in contact with water** and chemicals are made of **A304 stainless steel** guaranteeing long-lasting operation
- The **boiler**, made of A304L, is **resistant to chlorinated water** and is welded in an inert atmosphere to avoid contamination during the production process
- The **water supply** hose has **metal connections** to withstand high water pressure and accidental shocks during installation
- All models are **certified IPX5 or IPX4** for water protection and therefore can be washed even with strong jets of water
- Best-in-class for **low noise level** thanks to the double skin insulated hood (less than 63dBA measured at 1m distance, 1,5 m height, 30 seconds according to ISO11204) assures the best working environment



Boiler resistant to chlorinated water



Water supply hose



IPX5 water protection on *green&clean* models

# 2 aesthetics and 16 models to suit all your needs

User friendly control panel with clear icons puts everyone at ease.



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



**On /Off button**



**Self cleaning**

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



**Washing Temperature indicator**

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



**Rinsing Temperature indicator**

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



**Hood lift**

Automatic hood movement available in selected models.



**green&clean hood type dishwasher aesthetic**

double skin insulated hood for a quiet working environment

## green&clean hood type dishwasher



**Cycle 1**

Short wash cycle (54 sec) recommended for lightly soiled items and glasses.



**Cycle 2**

Medium wash cycle (90 sec) recommended for medium soiled items.



**Cycle 3**

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



**Infinite**

Infinite wash cycle recommended for soaking heavily soiled items.



**On /Off button**



**Self cleaning**

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



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**Hood type dishwasher aesthetic**

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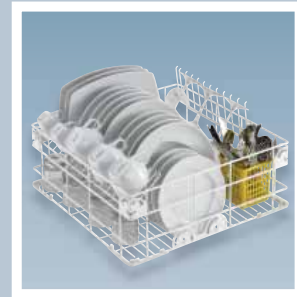
# Accessories



Basket for 18 dinner plates



Basket for 12 soup bowls



Multi-purpose basket  
500x500x190 mm



Basket for 49 small cups



Basket for 25 beer glasses



12 lt. external manual  
water softener



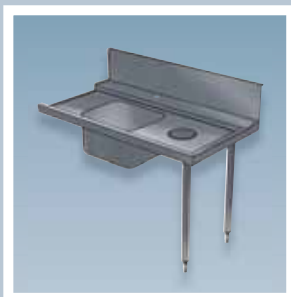
8 lt. external automatic  
water softener



BRITA demineralizer filter



DOMETIC reverse osmosis filter



Full range of pre-wash tables



Full range of loading/unloading  
tables



Full range of sorting tables

...for additional baskets and other accessories consult our price list

# Range



| Description                              | EHTAI<br><i>green&amp;clean</i>   | EHTA<br><i>green&amp;clean</i>  | EHT  |
|--|---|---|--|
| <b>WASH•SAFE CONTROL</b>                 | •   | •   |  |
| <b>Pressure boiler</b>                   |   |   | •  |
| <b>Atmospheric boiler</b>                | •   | •   |  |
| <b>Double skin insulated hood</b>        | •   | •   |  |
| <b>Electrical connection</b>             | 400V/3N/50Hz,<br>convertible on site to<br>230V/1N or 230/3/50Hz        | 400V/3N/50Hz,<br>convertible on site to<br>230V/1N or 230/3/50Hz        | 400V/3N/50Hz,<br>convertible on site to<br>230V/1N or 230/3/50Hz |
| <b>No. of cycles</b>                     | 4   | 4   | 3  |
| <b>Capacity (dishes/hour)</b>            | 1.200   | 1.200   | 1.200  |
| <b>External dimensions<br/>(WxDxH)</b>   | 735x815x1507  | 735x815x1507  | 748x833x1515   |
| <b>Basket dimension (mm)</b>             | 500x500   | 500x500   | 500x500  |
| <b>Wash tank capacity (lt.)</b>          | 40  | 40  | 42   |
| <b>Wash pump power (kW)</b>              | 0,8   | 0,8   | 0,8  |
| <b>Boiler capacity (lt.)</b>             | 12  | 12  | 12   |
| <b>Boiler power (kW)</b>                 | 9   | 9   | 9  |
| <b>Water consumption<br/>(lt./cycle)</b> | 3   | 3   | 3  |
| <b>Rinse temperature/ time</b>           | 84°C/12 sec.  | 84°C/12 sec.  | 80-90°C/16 sec.  |
| <b>Total power (kW)</b>                  | 9,9   | 9,9   | 9,9  |
| <b>Built-in rinse aid dispenser</b>      | •   | •   | •  |
| <b>Included baskets</b>                  | 1 basket for 18 plates + 1<br>basket for cups + 2 cutlery<br>containers | 1 basket for 18 plates + 1<br>basket for cups + 2 cutlery<br>containers | 1 basket for 18 plates +<br>1 cutlery container                  |

| Additional versions   |   |   |   |
|---|---|---|---|
| <b>60Hz</b>   |   | • | • |
| <b>Built-in continuous water<br/>softener &amp; drain pump</b>                          | • | • |   |
| <b>Built-in detergent dispenser</b>   | • | • | • |
| <b>Built-in detergent dispenser,<br/>drain pump &amp; continuous<br/>water softener</b> | • |   |   |
| <b>Built-in drain pump, detergent<br/>dispenser &amp; open air gap<br/>(WRC)</b>        | • |   | • |
| <b>Automatic hood</b>   | • |   |   |

[www.electrolux.com/foodservice](http://www.electrolux.com/foodservice)

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The Company reserves the right to change specifications without notice.

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