

## Warewashing

### Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 250 r/hr

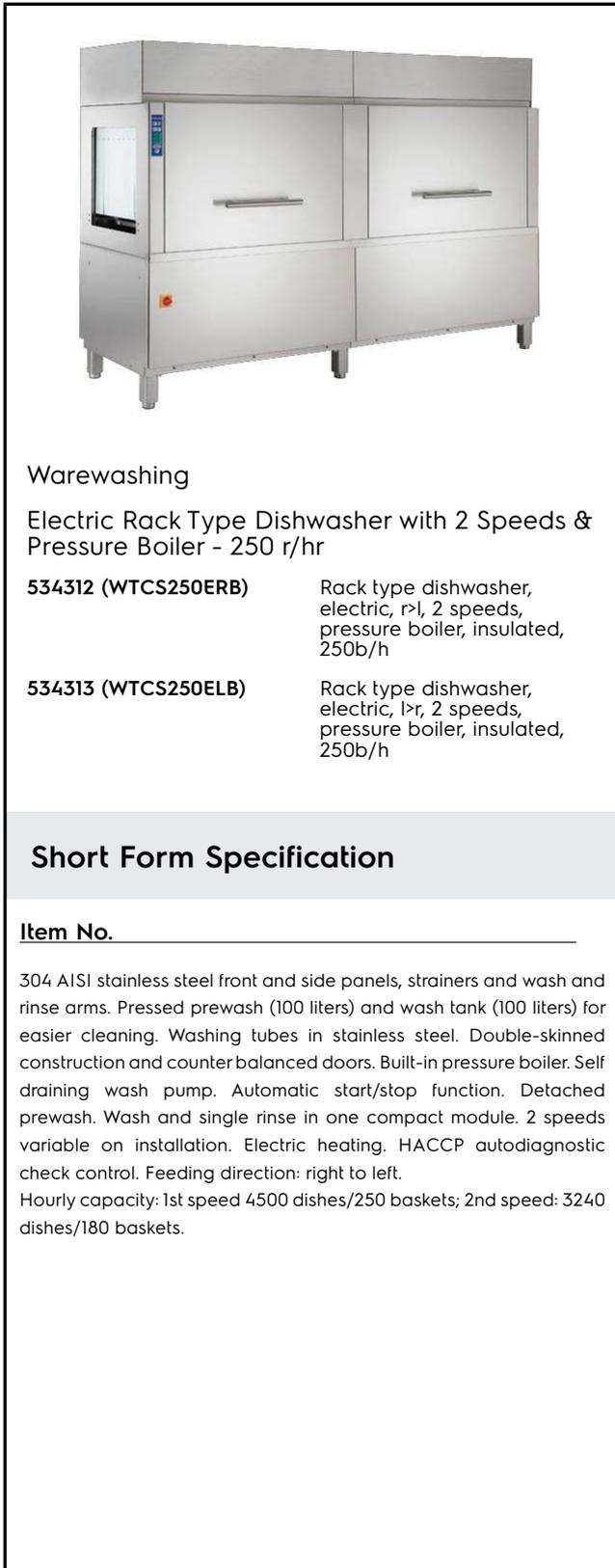
ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_


**Warewashing**
**Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 250 r/hr**

**534312 (WTCS250ERB)** Rack type dishwasher, electric, r>l, 2 speeds, pressure boiler, insulated, 250b/h

**534313 (WTCS250ELB)** Rack type dishwasher, electric, l>r, 2 speeds, pressure boiler, insulated, 250b/h

### Short Form Specification

**Item No.** \_\_\_\_\_

304 AISI stainless steel front and side panels, strainers and wash and rinse arms. Pressed prewash (100 liters) and wash tank (100 liters) for easier cleaning. Washing tubes in stainless steel. Double-skinned construction and counter balanced doors. Built-in pressure boiler. Self draining wash pump. Automatic start/stop function. Detached prewash. Wash and single rinse in one compact module. 2 speeds variable on installation. Electric heating. HACCP autodiagnostic check control. Feeding direction: right to left.  
 Hourly capacity: 1st speed 4500 dishes/250 baskets; 2nd speed: 3240 dishes/180 baskets.

**Main Features**

- Washing cycle is carried out with water circulating at a temperature of 55-65 °C, whereas the rinsing cycle is carried out with clean water coming from the water system, heated to a max. temperature of 80-90 °C.
- Pressure boiler.
- Speed of conveyor can be set through the control panel by the operator. 180 racks/hr or 250 racks/hr.
- Large counter balanced inspection doors in pre wash and wash/ rinse sections allow unrestricted all round access to the wash and rinse area. Door is insulated with injected foam. This adds strength as well as reduces noise and heat loss.
- Large filters sloping towards the front to the smaller pressed filter box for quick removal. Filters feature holes smaller than the concave ant-block wash nozzles so large food cannot enter and block the wash system. Filters easy to remove from pre wash as well as wash/rinse sections.
- Adjustable feet for full access underneath the machine for cleaning.
- Push button self cleaning cycle of the wash and rinse zones for ease of "end of day" cleaning.
- Wash chamber without internal pipes and therefore no hidden dirt traps.
- Pre wash chamber without internal pipes and therefore no hidden dirt traps.
- Self-draining wash pumps provide maximum hygiene and all wash and rinse zones drain automatically at the push of a button.
- Powerful 1.3 hp (1.0 kW) pre wash pump.
- Powerful 2 hp (1.5 kW) wash pump.
- Pre wash section uses cold water so food remains are not "baked" onto the plates.
- Deep drawn pressed wash tank with fully rounded corners, sloped towards the drain to prevent dirt build up provides fast drainage in only a few minutes. Pressed wash tank with no welded points offer a guaranteed water tight solution.
- Deep drawn pressed 100 liter pre wash tank with fully rounded corners.
- Dishwasher structure is held together with a solid 50 x 50 mm stainless steel tube sub-frame to provide long term sturdiness.
- All main components made in heavy duty anti-corrosive 304 type Stainless steel: tanks, front and side panels, pre wash, wash & rinse arms and caps, doors, front, handle and rack transportation system.
- Pre wash, wash and rinse arms can be easily removed for cleaning.
- IPX5 water protection.
- Auto-start/stop ensures that the zone runs only when a rack is passing through it. This reduces both water, energy consumption and noise.
- Electronic control panel features large display to read wash and rinse temperatures.
- Low water consumption. At 250 racks per hour, the machine uses only 330 liters/hr.
- Machine predisposed for external detergent and

**APPROVAL:** \_\_\_\_\_



**Electrolux**

**Warewashing  
Electric Rack Type Dishwasher with 2  
Speeds & Pressure Boiler - 250 r/hr**

rinse aid connections.

- Built-in rinse water heater to increase the temperature of the final rinse water.

**Optional Accessories**

- Drain kit for modular and compact rack type dishwashers PNC 864150
- Sanitization kit for WTC250 PNC 864167
- Kit of 12 stainless steel plugs for washing arms for multi-rinse and compact rack type PNC 864239
- Splash hood for rack type, right side PNC 864247
- Splash hood for rack type, left side PNC 864248
- Air gap for compact rack type PNC 864309
- Electric hot air blower, 600mm, for compact rack type, right>left (only for 534312) PNC 864506
- Electric hot air blower, 600mm, for compact rack type, left>right (only for 534313) PNC 864507
- Electric drying tunnel, 900mm, with door, for compact rack type, right>left (only for 534312) PNC 864516
- Electric drying tunnel, 900mm, with door, for compact rack type, left>right (only for 534313) PNC 864517
- Electric drying tunnel, 600mm, with door, for compact rack type, right>left (only for 534312) PNC 864518
- Electric drying tunnel, 600mm, with door, for compact rack type, left>right (only for 534313) PNC 864519
- Electric corner drying tunnel, for compact rack type, right>left (only for 534312) PNC 864520
- Electric corner drying tunnel, for compact rack type, left>right (only for 534313) PNC 864521
- Basket for 5 half insulated trays 530x370 mm - red PNC 867005
- Kit 6 baskets for 1-tank Rack Type dishwashers PNC 867050
- Kit 9 baskets for 1-tank Rack Type dishwashers PNC 867051



# Electrolux

## Warewashing Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 250 r/hr

### Electric

**Supply voltage:**

534312 (WTCS250ERB) 400 V/3N ph/50 Hz

534313 (WTCS250ELB) 400 V/3N ph/50 Hz

Machine requires one electrical connection.

**Max. current absorbed:** 50.4 A

### Water:

**Inlet Water supply pressure:** 44 - 102 psi (3 - 7 bar)**Inlet Cold Water Supply Temperature for pre wash section:** (4-15 °C)**Inlet water supply temperature (wash):** 0 - 0°C**Inlet Water supply hardness:** 14 (°fH) / 8 (°dH)**Incoming Water line size (rinse and pre-wash):** G 3/4"**Incoming Hot water line size (wash section):** G 3/4"**Drain line size (pre wash section):** G 1 1/2"**Drain line size (wash section):** G 1 1/2"**Hot Water consumption: Liters/hr:** 300 liters/hr**Pre wash temperature:** <35 °C**Pre-wash tank size:** 100 l**Pre wash pump power:** 1.0 kW**Pre wash pump water flow:** 300 l/min**Wash tank size:** 100 l**Wash pump power:** 1.5 kW**Wash pump water flow:** 450 l/min**Initial fill Hot water requirements:** 112 liters**Initial fill Cold Water requirements:** 100 liters**Booster heating power:** 22 hp (16.5 kW)**Final Rinse water flow:** 300 liters/hr**Hot water booster capacity:** 12 liters

### Key Information:

**Wash Temperature:** 55-65 °C**Final rinse temperature:** 0 °C

### Air Emission:

**Air Flow:**

Unit optionally supplied with extended vent hoods.

Exhaust extraction not more than 177 CFM (300 cubic meters/h).

Refer to installation diagram for minimum exhaust hood installation height.

### Key Information:

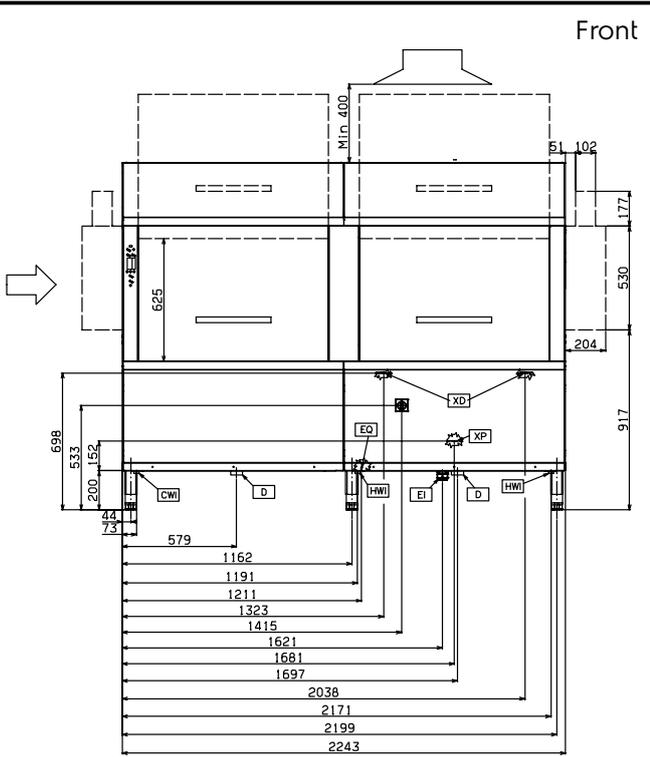
**Productivity per hour (max speed):****Productivity racks per hour (min speed):** 180 racks/ 3240 dishes**Table to Table connection:** 2243 mm**Number of tanks:** 1**Height with door open:** 2119 mm**Charging hole size (width):** 530 mm**Charging hole size (height):** 501 mm**External dimensions, Height:** 1771 mm**External dimensions, Width:** 2243 mm**External dimensions, Depth:** 884 mm**Net weight:** 817 kg**Shipping weight:** 927 kg**Shipping height:** 2060 mm**Shipping width:** 2810 mm**Shipping depth:** 1040 mm**Shipping volume:** 6.02 m<sup>3</sup>**Noise level:** <70 dBA

Unit predisposed to accept external detergent dispensers, detergent probes and rinse aid dispensers.

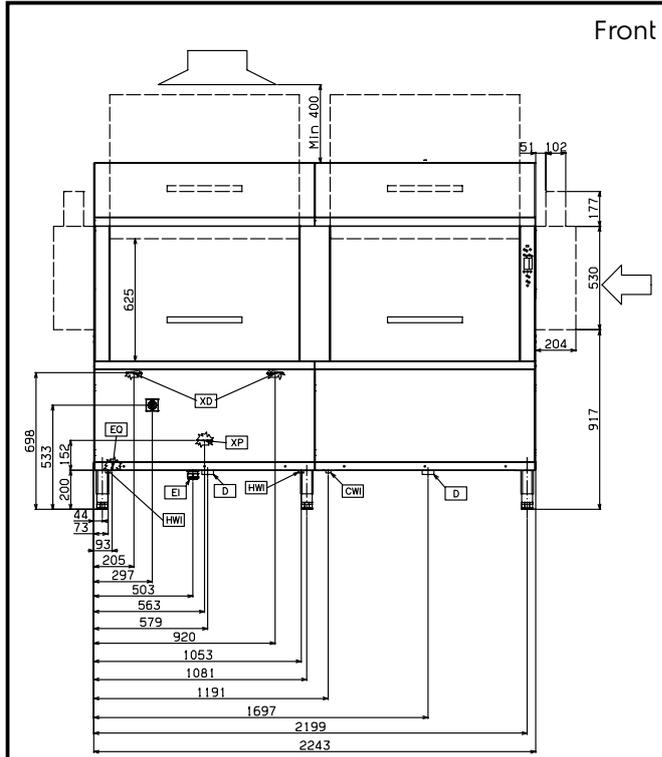


Electrolux

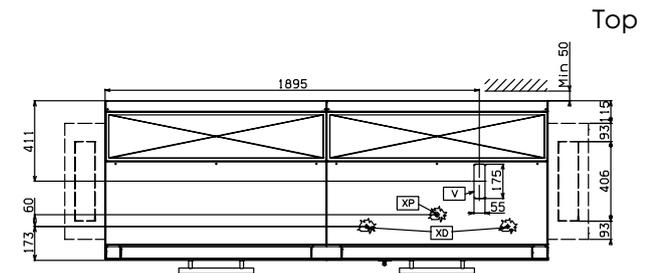
# Warewashing Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 250 r/hr



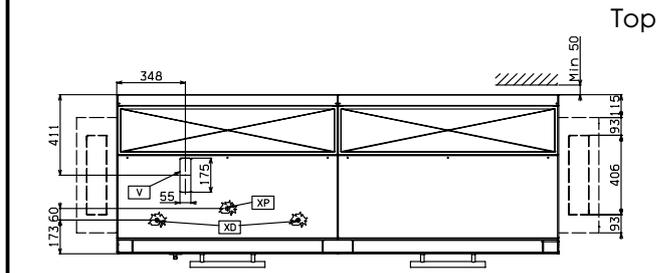
Front



Front



Top



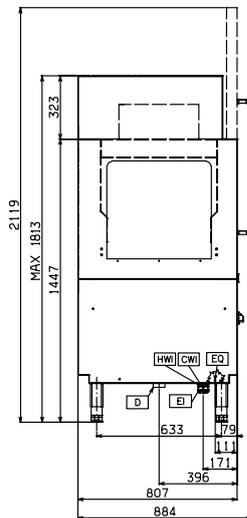
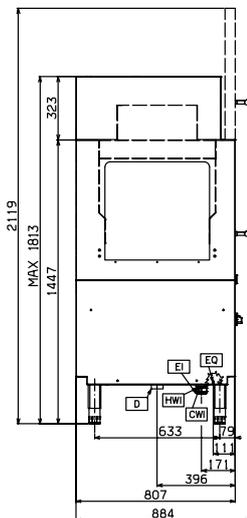
Top

- |                               |                                |
|-------------------------------|--------------------------------|
| CWI = Cold Water Inlet        | WI = Water inlet               |
| D = Drain                     | XD = Detergent connection      |
| EI = Electrical inlet (power) | XI = Chemicals inlet (generic) |
| EO = Electrical Outlet        | XP = Chemical probe/sensor     |
| EQ = Equipotential screw      | XR = Rinse aid connection      |
| ES = Electrical signal IN/OUT |                                |
| U = USB port                  |                                |
| V = Air vents                 |                                |

- |                               |                                |
|-------------------------------|--------------------------------|
| CWI = Cold Water Inlet        | WI = Water inlet               |
| D = Drain                     | XD = Detergent connection      |
| EI = Electrical inlet (power) | XI = Chemicals inlet (generic) |
| EO = Electrical Outlet        | XP = Chemical probe/sensor     |
| EQ = Equipotential screw      | XR = Rinse aid connection      |
| ES = Electrical signal IN/OUT |                                |
| U = USB port                  |                                |
| V = Air vents                 |                                |

Side

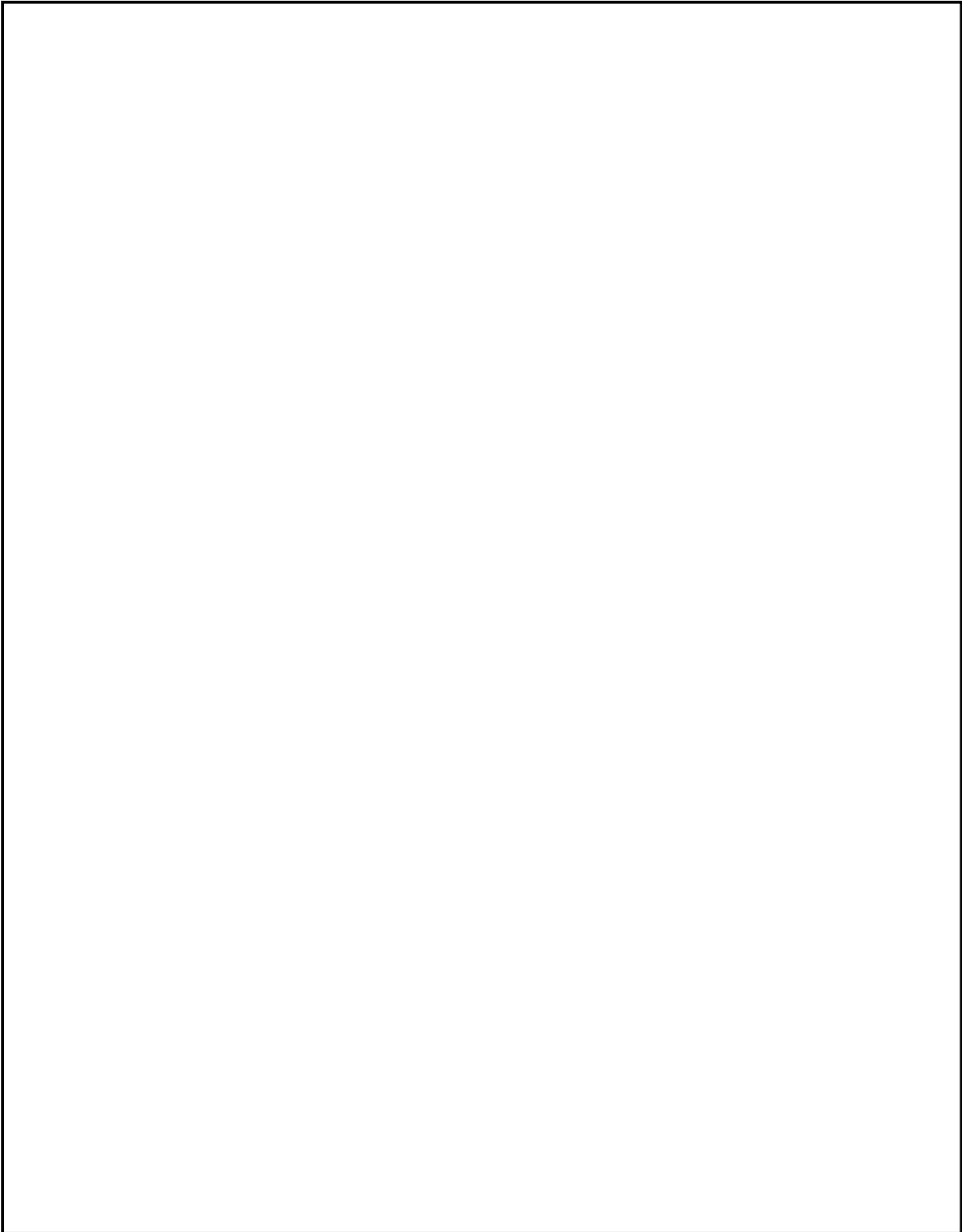
Side





**Electrolux**

**Warewashing  
Electric Rack Type Dishwasher with 2  
Speeds & Pressure Boiler - 250 r/hr**



**Warewashing  
Electric Rack Type Dishwasher with 2 Speeds & Pressure Boiler - 250 r/hr**  
The company reserves the right to make modifications to the products  
without prior notice. All information correct at time of printing.

2016.10.19