**CC0EC9 (ZSR10E5E)**

Single rinse rack type dishwasher with Energy Saving Device, 100 racks/hour, electric, touch screen, insulated doors, customized direction on-site

PNC Code	Model	Description	Quantity
534408	ZSR10E5	Single rinse rack type dishwasher, 100 racks/hour, electric, touch screen, insulated doors, customized direction on-site, 50Hz	1
864478	NESDSRE	ESD for single-rinse Rack Type dishwasher, electric	1

Main Features

- IP25 protection against water jets, solid objects and small animals (larger than 6 mm).
- Intuitive touch screen control panel features user-friendly display to easily operate the machine and to monitor machine status. Three different levels of interaction are available each show relevant messages and information to the operator, the general maintenance staff and the authorized service partners.
- All internal components: wash and rinse arms, tank filters, curtains can be easily removed for cleaning.
- Unit equipped with USB port making it simple to read data such as machine identification, counters and consumption, components, devices and alarm logs. Machine parameters can be uploaded and downloaded and firmware updated.
- All main components made in heavy duty anti-corrosive 304 type stainless steel: internal chamber, external, front and side panels and rack transportation system.
- Maximum capacity per hour of 100 racks.
- Large counter balanced inspection door 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.
- One conveyor speed can be selected through the control panel by the operator.

Construction

- Adjustable feet for full access underneath the machine for cleaning.
- Deep drawn pressed wash tank with fully rounded corners, sloped towards the drain to prevent dirt buildup, provides fast drainage in just a few minutes. With no welding points the pressed tank offers a guaranteed water tight solution.
- Dishwasher structure is held together with a solid 50 x 50 mm stainless steel frame to provide long-term sturdiness.
- All electric components are put in one IP65 central box isolated from water and steam to ensure high reliability.
- External pre-arrangement for inlet water, drain water, detergent & rinse aid connections for fast and easy installation on both sides of the unit.
- The chamber is pressed with fully rounded corners without internal pipes and therefore no hidden dirt traps.
- The feeding direction is right to left as pre-arrangement from the factory, but it can be simply reversed on-site to left to right.
- The unit is built on modularity concept for easy to install on-site.



A focus on sustainability

Sustainability

- Auto-start/stop equipped in different zones ensures that the zone runs only when a rack is passing through it. This reduces water, energy, chemical consumption and noise.
- Single rinse with stabilized pressure valve guarantees rinse water consumption of 1.5 liters/ rack regardless of inlet water pressure to ensure low energy, water, detergent and rinse aid consumption.
- Built-in stabilized pressure valve ensures constant pressure throughout the rinsing cycle regardless of inlet water pressure.
- Self-draining vertical wash pumps provide maximum hygiene.
- Automatic back-up mode is activated when a failure occurs. Guided troubleshooting for fast fixes including 150 precise notifications and 23 easy-to-follow processes.
- Built-in Energy Saving Device (ESD) utilizes the hot steam generated by the machine in the rinse and wash tank to heat up incoming cold water to up 50°C before entering the boiler, thus saving energy.

Technical specifications

Electric

Supply voltage:	380-415 V/3N ph/50 Hz
Default Installed Power:	25.5 kW
Boiler heating elements:	12 kW
Wash pump size:	1.18 kW

Water:

Peak rate of drain flow (l/s):	2.5
Inlet hot water line size:	G 3/4"
Inlet cold water line size:	G 3/4"
Drain line size:	50mm
Inlet water supply pressure:	1.5-7 bar
Inlet Water Supply temperature (rinse):	10 - 30 °C
Inlet water supply temperature (wash and rinse):	10 - 65°C
Inlet water supply hardness:	5-8 °fH / 2.8-4.5°dH
Flow rate of wash pump:	400 l/min
Flow rate of wash pump:	400 l/min
Wash tank size:	70 l

Key Information:

External dimensions, Width:	1120 mm
External dimensions, Depth:	920 mm
Height with door open:	2095 mm
Charging hole size (width):	530 mm
Charging hole size (height):	490 mm
Wash Temperature:	55 - 65 °C
Table to table distance:	1120 mm
Productivity per hour (max speed):	100 racks/1800dishes
Final rinse temperature (max):	85 °C

Air Emission:

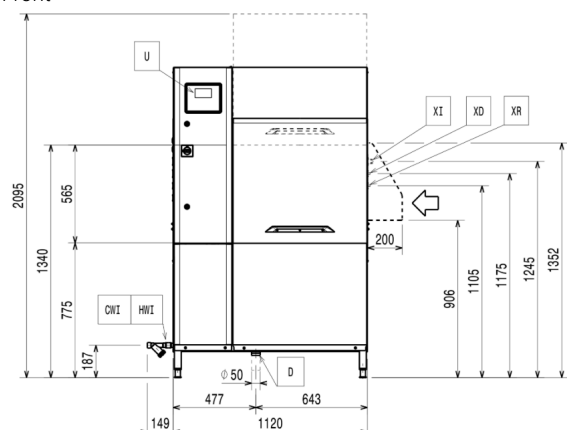
Air humidity:	100 % r.h.
Latent heat:	13500 W
Sensible heat:	5300 W
Air flow:	243 m³/h
Air temperature (top, exit):	45 °C

Sustainability

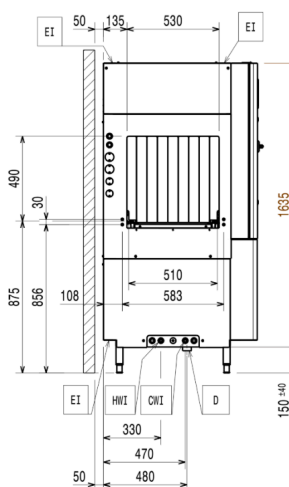
Rinse water consumption at max. speed (l/h):	150
Noise level:	<62 dBA

Installation drawings

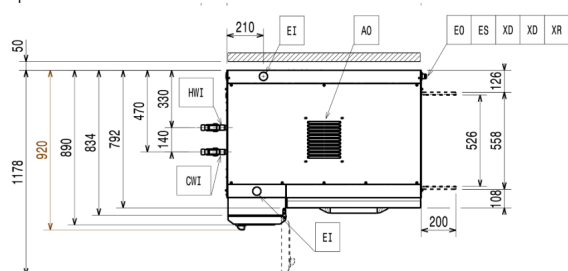
Front



Side



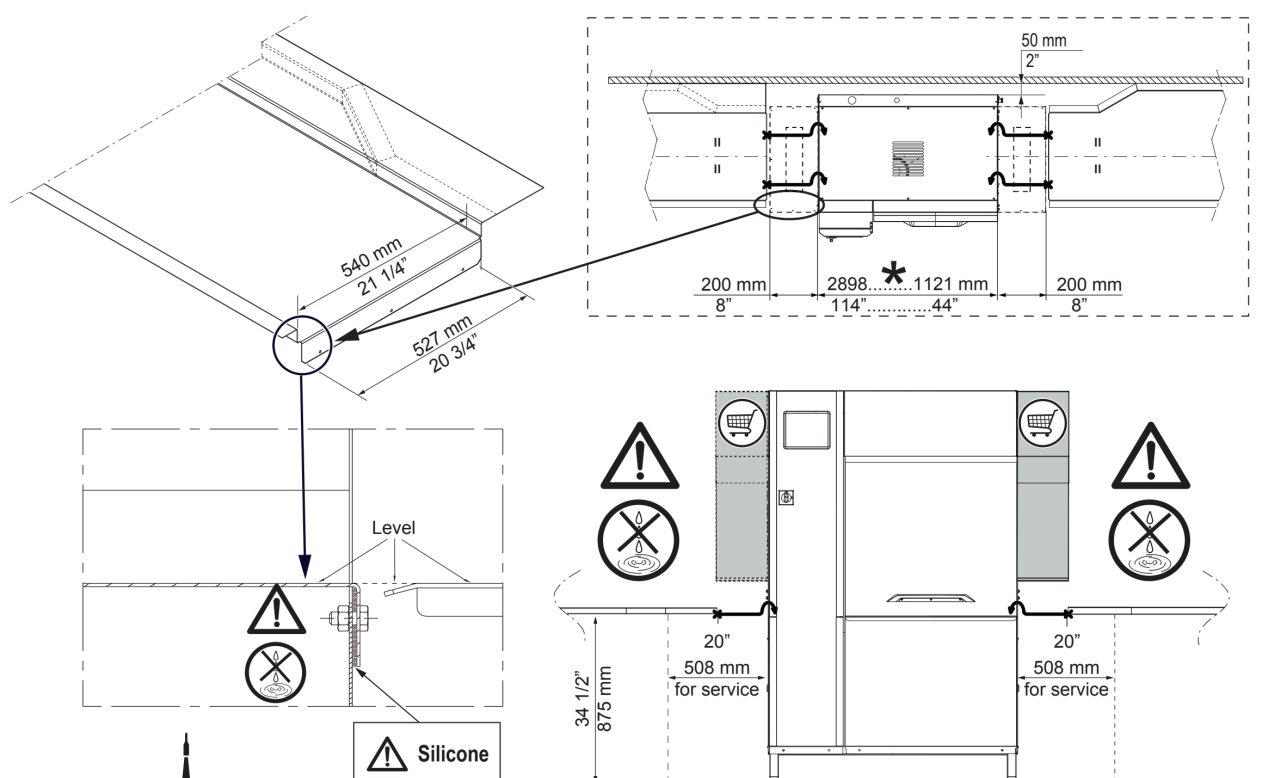
Top



D = Drain
 HWI = Hot water inlet
 EQ = Equipotential screw
 CWI = Cold Water Inlet
 ES = Electrical signal IN/OUT

EI = Electrical inlet (power)
 XP = Chemical probe/sensor
 EO = Electrical Outlet
 U = USB port

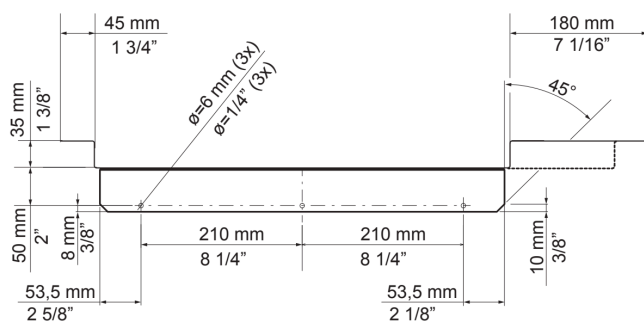
RECOMMENDED TABLE CONNECTION



SILICONE

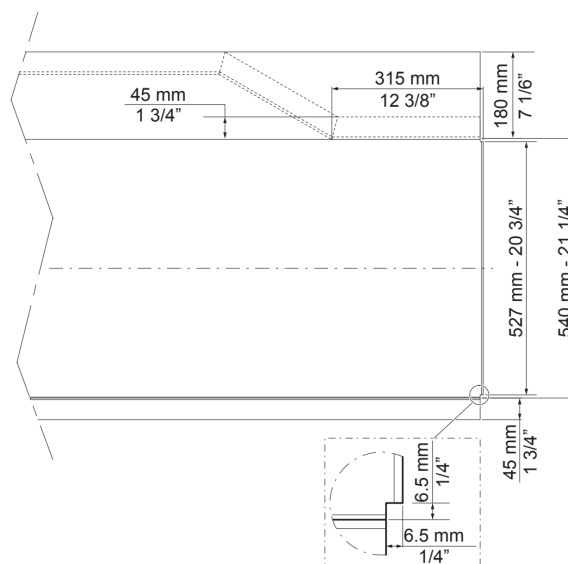


Apply silicone between the machine and the table and make sure that there are not any water leakages.
Reference code 059611 for recommended silicone by Electrolux.



Depending on the model.

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All tables must be connected to the dishwashing units according to local regulations and industry standards which may differ from the recommendations herein suggested. Electrolux Professional is not liable for any failure in complying with local design standards.

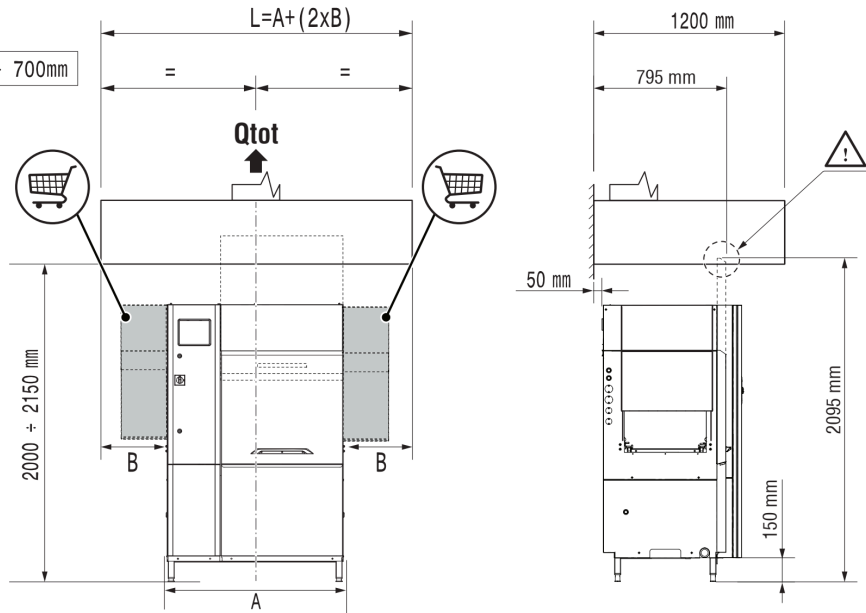
DOC. NO. 59566QD00
EDITION 01.2020

RECOMMENDED HOOD DESIGN OPTIONS

NO ESD = ✓

ESD = ✓

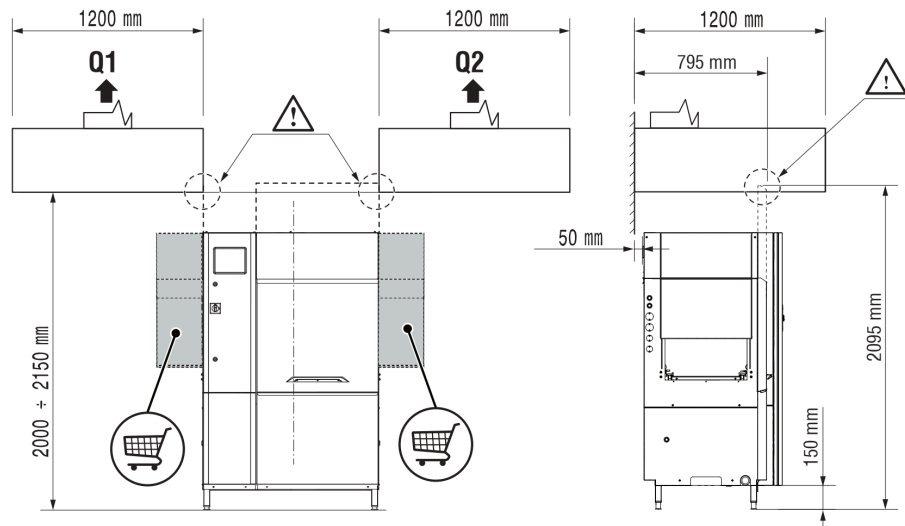
Qtot (VDI 2052)	
100 r/h no ESD no Dryer	1100 m³/h
100 r/h ESD no Dryer	1350 m³/h
100 r/h no ESD + 1 Dryer	1200 m³/h
100 r/h ESD + 1 Dryer	1550 m³/h



NO ESD = ✓

ESD = ✗

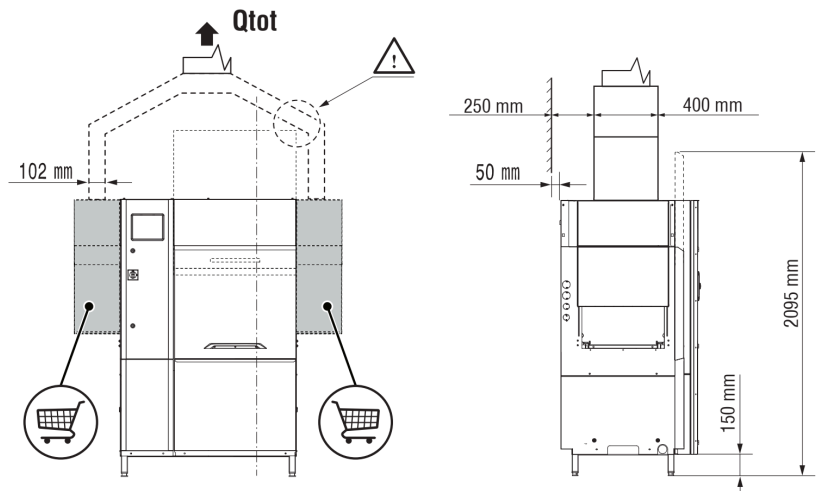
Qtot (VDI 2052)	
100 r/h no ESD no Dryer	1100 m³/h
100 r/h ESD no Dryer	1350 m³/h
100 r/h no ESD + 1 Dryer	1200 m³/h
100 r/h ESD + 1 Dryer	1550 m³/h



NO ESD = ✓

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Qtot (VDI 2052)	
100 r/h no ESD no Dryer	1100 m³/h
100 r/h ESD no Dryer	1350 m³/h
100 r/h no ESD + 1 Dryer	1200 m³/h
100 r/h ESD + 1 Dryer	1550 m³/h



All exhaust hoods must be dimensioned and installed according to local regulations and industry standards which may differ from the recommendations herein suggested. Electrolux Professional is not liable for any failure in complying with local design standards.

DOC. NO. 59566QF00
EDITION 09.2019

Accessories

Optional Accessories

PNC Code	Description
Baskets	
867050	Set of 6 baskets: 2 for trays, 2 for plates, 1 for cutlery and 1 for cups
867051	Set of 9 baskets: 2 for trays, 3 for plates, 2 for cutlery and 2 for cups
Dryers	
534059	Medium hot air blower zone without door for single rinse Rack Type dishwasher, 50Hz & 60Hz
534411	Corner drying zone for single rinse Rack Type dishwasher, 50Hz & 60Hz
Handling system	
865162	Emergency stop kit for Rack Type Dishwasher
865218	End limit switch for short roller conveyor
865235	Connection bracket for plain undershelf and grid undershelves (to be used if roller conveyor is connected directly to Rack Type dishwasher with splash hood)
865256	End limit switch for long roller conveyor (kit with two short rollers and end switch)
Installation solutions	
865498	Splash hood kit for single and dual rinse Rack Type dishwasher, 200 mm
865503	Silicon curtains for single and dual rinse Rack Type dishwasher
Water treatment	
865284	Kit water softener for Rack Type dishwasher