

**CC0FVT (CC0FVT)**

Dual rinse rack type dishwasher, 250racks/hour, advanced filtering system, electric, touch screen, customized direction on-site, 50Hz

PNC Code	Model	Description	Quantity
536035	ZDR150EC5	Dual rinse rack type dishwasher, 150 racks/hour, advanced filtering system, electric, touch screen, customized direction on-site, 50Hz	1
535096	NLPWDRE	Large pre-wash zone for Dual Rinse Rack Type Dishwasher	1
865506	KITEBDR	Kit electronic board for Dual Rinse Rack Type Dishwasher	1

Main Features

- IP25 protection against water jets, solid objects and small animals (larger than 6 mm).
- Advanced Filtering System provides cleaner wash water and higher active detergent thus ensuring better washing performances and lower running costs.
- Built-in drain valve in the tanks allows automatic dump and fill to refresh the water in the tank without any interruption of the washing process.
- Pre-wash section uses cold water so food remains are not "baked" onto the plates in order to have better pre-wash performance.
- 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.
- 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.
- Automatic drain, clean and sanitize cycles featured as standard. The internal chamber, is completely cleaned or sanitized avoiding bacteria proliferation for maximum hygiene and reducing manual work/time for operator.
- Dual rinse technology ensures maximum rinse water covering every corner of the rack inside the rinse area for perfect hygiene on washed wares.
- Three conveyor speeds can be selected through the control panel by the operator and customized on-site.
- Maximum capacity per hour of 250 racks easy to switch to DIN 10510 compliant or other speed.

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.
- Modularity design allows the machine not only be disassembled for delivery and re-assembled at customer's site, but also to be customized and upgraded on-site and over time.
- 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.
- All main components made in heavy duty anti-corrosive 304 type stainless steel: external front, side panels and internal chambers, wash and rinse arms, doors and rack transportation system.



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.
- All chambers without internal pipes and therefore no hidden dirt traps.
- 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.
- Dual rinse with stabilized pressure valve guarantees rinse water consumption of 0.9 liters/ rack regardless of inlet water pressure to ensure low energy, water, detergent and rinse aid consumption.

Technical specifications

Electric

Supply voltage:	380-415 V/3N ph/50 Hz
Pre-wash tank heating elements:	7 kW
Default Installed Power:	28.5 kW
Boiler heating elements:	15 kW
Pre-wash pump size:	1,2 kW
Electrical power min:	18.5 kW
Wash pump size:	1,2 kW

Water:

Peak rate of drain flow (l/s):	1.8
Inlet hot water line size:	G 3/4"
Drain line size:	50mm
Inlet water supply pressure:	1.5-6 bar
Inlet water supply temperature (wash and rinse):	50 - 65°C
Inlet water supply hardness:	5-8 °fH / 2.8-4.5°dH
Wash tank size:	70 l
Rinse water consumption:	250 l/h

Key Information:

Rinse temperature:	85 °C
Productivity per hour (max. speed):	250 racks/4500dishes
Productivity per hour (medium speed):	168 racks/3024dishes
External dimensions, Width:	2210 mm
External dimensions, Depth:	925 mm
External dimensions, Height:	1785 mm
Productivity per hour (DIN compliant speed):	115 racks/2070dishes
Height with door open:	2095 mm
Charging hole size (width):	530 mm
Charging hole size (height):	490 mm
Table to table distance:	2210 mm
Pre-wash temperature:	10-40°C
Wash temperature:	55 - 65 °C

Air Emission:

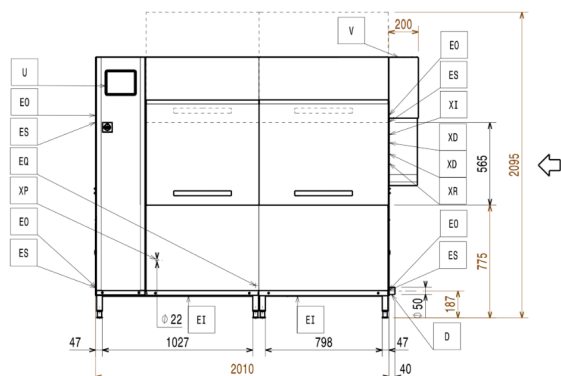
Air temperature:	27 °C
Air humidity (entrance, exit):	100 / 100 % r.h.
Latent heat:	5300 W
Sensible heat:	3900 W
Air flow (entrance, exit):	86 / 107 m³/h

Sustainability

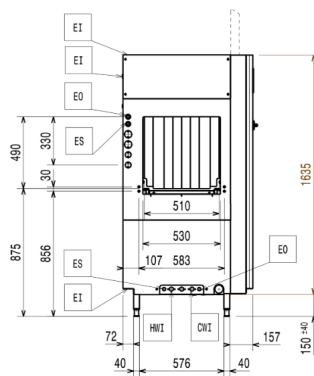
Noise level:	<62 dBA
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Installation drawings

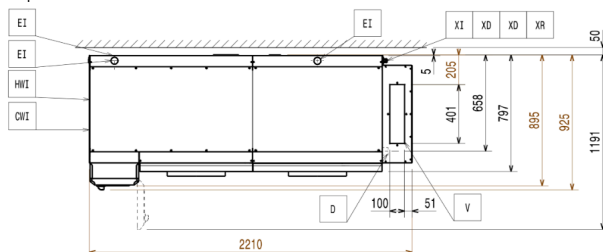
Front



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

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	
535097	Medium drying zone with door for Dual Rinse Rack Type Dishwasher
535098	Large drying zone with door for Dual Rinse Rack Type Dishwasher
535099	Corner drying zone for Dual Rinse Rack Type Dishwasher
535141	Medium hot air blower zone without door for dual 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
865507	Kit delime & door cleaning for dual for Rinse Rack Rack Type Dishwasher
865508	Kit electronic connection for motorized table and remote pre wash module for Dual Rinse Rack Type Dishwasher
Water treatment	
865284	Kit water softener for Rack Type dishwasher
865286	Kit water meter
865494	Kit water softener and reverse osmosis for Rack Type dishwasher