

GE RCD Series
Compact pot and
utensil washers



Five good reasons to choose the **GE RCD** series

1 Hygiene

Rounded corners inside the wash tank, self draining pump and self cleaning at the end of the cycle ensure maximum hygiene.

2 Reliability

With the user-friendly control panel the operator can access information concerning operating conditions. Diagrams, manuals and exploded views can be downloaded from our website 24/7.

3 Performance

The RCD system guarantees optimal rinsing even with variable water pressure.

4 Cost Reduction

Low water, energy and chemicals consumption. ECO2 accessories can be fitted to the machines achieving a higher energy efficiency and improved working conditions.

5 Quality

Machines built in a plant operating with an ISO 9001:2008 certified quality system.

GE605 RCD



60

85



COMENDA



GE RCD

compact pot and utensil washers



GE1005 RCD CRC/WP



GE1255 RCD



GE755 RCD

RANGE

The GE range is a result of constant machine upgrading and technological innovation which has led to high performance, excellent energy savings while being reliable and easy to run. Comenda has always been committed to excellence offering customised solutions: all the GE series units are entirely made of stainless steel, with a double wall and electronic controls. Ge Pot and utensil washers are highly practical, designed and built to fit in even the tightest spaces. Easy to install and user-friendly: the operator can select to start the washing cycle automatically when closing the door or by pushing the start button.

Rotating upper and lower debossed arms featuring self-cleaning nozzles with cross-pattern jets and powerful wash pumps guarantee excellent results no matter which of the four preset washing cycles is selected. Additionally, a dual filter system on the tank and pump collects waste, and an exhaust spigot at the top allows steam extraction.

The new GE pot and utensil washers are equipped with technologically advanced solutions such as the RCD (Rinse Control Device): the rinse water is pumped out of the boiler via a pressure booster pump and sprayed through the rinsing nozzles, making the machine totally independent from the mains water pressure.

Additionally this series includes two "HEAVY DUTY" models (GE655RCD and GE1155RCD) featuring stainless steel wash pumps and enhanced washing for even the most stubborn soil.

FRONT-LOADING POT AND UTENSIL WASHERS

GE **front-loading washers** are user-friendly, efficient and compact machines developed to meet the most demanding users' needs. Each detail of the machine has been evaluated keeping the operator in mind and making operation quick and easy.

The counterbalanced double door makes the access of the rack in the washing chamber easier.

Guaranteed top performance for all models:

- GE 50RCD with 550x660mm rack
 - GE 605RCD and GE 655RCD with 650x700mm rack
 - GE 805RCD with 810x700mm rack
 - GE 1005RCD and GE 1155RCD with 1320x700mm rack.
- Models are also available with 800 mm clearance height.

SIDE-LOADING POT AND UTENSIL WASHERS

GE side-loading washers are designed to guarantee optimal results and facilitate the working procedures: side tables make it easy to load and unload racks with the possibility of working with two racks at a time, significantly reducing wash-up time; a front service door allows easy cleaning and maintenance.

GE side-loading pot and utensil washers are:

- GE 755RCD with 700x700mm rack and
- GE 1255RCD with 1320x700mm rack.

FEATURES

and details



WASHING SYSTEM

Easy to remove and easy to clean wash arms with debossed jets.



DOOR

Counterbalanced with springs mounted outside the washing chamber, with a robust and easy grip handle.



TANK FILTERS

2 types of filters for complete tank coverage with one pull out for heavy soil deposit and easy emptying.





CLEARANCE

Available in 650 mm and 800 mm versions, allowing to wash extra big pots and pans, planetary and trays.



ROUNDED CORNERS

Washing tank and chamber with rounded corners to prevent soil deposit. This innovative tank design allows vertical pump positioning making it self-draining and self-cleaning.



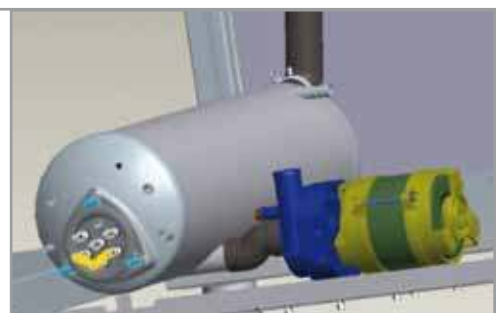
CONTROL PANEL

User console with backlit program button that changes colour according to the machine status: RED machine heat up, GREEN machine ready, BLUE machine operating, YELLOW for alarm.



RCD (Rinse Control Device)

Keeps water pressure and temperature constant at 85 °C throughout the rinse cycle.



Applications



• Restaurants



• Bakeries and Cake Shops



• Hotels



• Cafeterias



• Hospitals

ADVANTAGES

- Frame, tank and panelling made of stainless steel AISI 304
- Steam evacuation system
- Removable filter on pump intake.
- Stainless Steel upper and lower rotating wash and rinse assemblies
- Deep-drawn tank, double wall body and self draining pump
- Digital display for temperatures
- Automatic start of the wash cycle when the door is closed or button is pushed
- Stainless Steel tank filters
- Self-cleaning cycle
- Thermostop prolonging the washing cycle until rinse temperature does not reach 85°C
- Machine standard with Air gap to prevent water backflow
- Multipurpose backlit start button with different colours (machine on, ready, in operation)
- Built-in rinse aid dispenser
- Detergent dispenser ready



< **FEATURES** and details

Advanced TECHNOLOGIES

HPS CONNECT

An advanced system which in the event of machine malfunction automatically sends an sms to the field engineer. The HAC electronic card also makes it possible – through an RS232 serial port – to send the parameters characterising the washing cycle underway and any alarms directly to a printer or PC, in compliance with HACCP procedures.



HAC control panel

Models GE50RCD, GE655RCD and GE1155RCD are standard with a HAC card which allows reprogramming washing, pause and rinse times to best suit user's specifications. It also displays the washing cycle counter and QHS (Quick Heating System). The card also has a self-diagnosis programme capable of identifying possible errors.

100% hygiene



RCD

The RCD (Rinse Control Device) is an advanced system which uses an atmospheric boiler and a pressure booster pump to keep water pressure constant during rinsing phase, which is performed not only with mains water pressure but with rinse pump pressure. Furthermore the RCD keeps the temperature constant at 85 °C throughout the entire rinse cycle. The system helps saving energy while guaranteeing hygienic results well above the standard.

Energy savings and a healthier work environment



WP2 and WP3 heat pumps

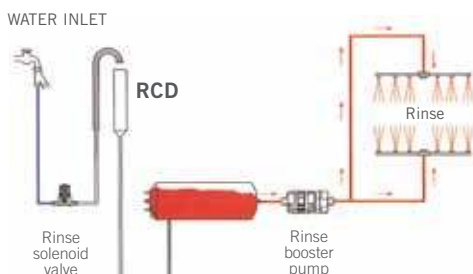
This system makes it possible to heat tank water and maintain tank temperature constant with only 1/3 of the amount of energy required in conventional pot and utensil washers. The latent heat produced by the machine is used by the heat pump for tank water heating. Besides this important benefit it also avoids steam coming out of the front door when opened by the operator at the end of the wash cycle. With sufficient natural room air recirculation is it possible to avoid forced extraction.

Green innovation and zero maintenance

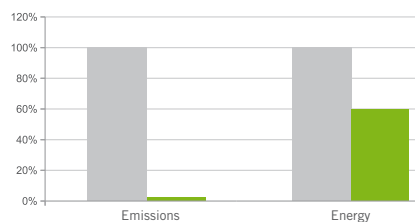


CRC heat recovery unit

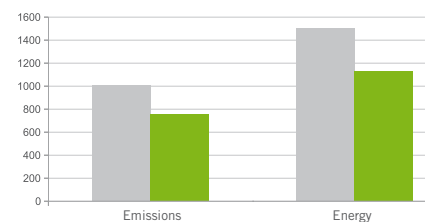
With the CRC system, steam produced in the machine during the washing cycle is both condensed and cooled down: the air is released into the environment at a lower temperature to ensure maximum operator comfort. A heat recovery device cuts energy consumption by 25%: the heat produced by the pot and utensil washer is used to heat up incoming water, permitting cold water connection, avoiding extra electrical load.



Rinse cycle with RCD



| | Emissions | Energy |
|--------------|-----------|--------|
| STD standard | 100% | 100% |
| + WP | 2% | 60% |



| | Emissions | Energy |
|--------------|-----------|--------|
| STD standard | 1000 | 1500 |
| + CRC | 750 | 1125 |

Technical info

| GE SERIES | FRONT-LOADING | | | | FRONT-LOADING HEAVY DUTY | | SIDE LOADING | |
|---|---------------|-----------------------|-----------------------|-------------------------|-----------------------------|-------------------------|--------------|-----------|
| | GE50RCD | GE605RCD GE605HRCD | GE805RCD GE805HRCD | GE1005RCD GE1005HRCD | GE655RCD GE655HRCD | GE1155RCD GE1155HRCD | GE755RCD | GE1255RCD |
| wash cycle (minutes) | 2-4-6-10 | 2-4-6-8 | 2-4-6-8 | 2-4-6-8 | 2-4-6-10 | 2-4-6-10 | 2-4-6-8 | 2-4-6-8 |
| total water consumption per cycle (litres) | 6 | 4 | 4 | 8 | 4 | 8 | 4 | 8 |
| tank capacity (litres) | 42 | 60 | 60 | 100 | 85 | 120 | 90 | 125 |
| wash pump power (kW) | 1,5 | 3 | 3 | 3+3 | 3 | 3+3 | 3 | 3+3 |
| rinse pump power (kW) | 0,3 | 0,3 | 0,3 | 0,3+0,3 | 0,3 | 0,3+0,3 | 0,3 | 0,3+0,3 |
| rack dimensions (mm) | 550x660 | 650x700 | 810x700 | 1320x700 | 650x700 | 1320x700 | 700x700 | 1320x700 |
| clearance (mm) | 850 | 650 800 | 650 800 | 650 800 | 650 800 | 650 800 | 620 | 620 |
| weight (kg) | 150 | 200 210 | 230 240 | 270 280 | 200 210 | 270 280 | 230 | 300 |
| EXTERNAL MACHINE DIMENSIONS with doors closed/open | | | | | | | | |
| width (mm) | 700 | 830 | 990 | 1500 | 830 | 1500 | 860 | 1480 |
| depth (mm) | 810/1330 | 900/1240 | 900/1240 | 900/1240 | 900/1240 | 900/1240 | 1020 | 1020 |
| height (mm) | 1850/2190 | 1930/2190* | 1930/2190* | 1930/2190* | 1930/2190* | 1930/2190* | 1900/2500 | 1900/2620 |
| height with WP (mm) | - | 2480* | 2480* | 2480* | 2480* | 2480* | 2480 | 2480 |
| ELECTRICAL HEATING (with 55° C water supply) | | | | | | | | |
| tank heating (kW) | 3 | 6 | 6 | 9 | 6 | 9 | 6 | 9 |
| booster heating (kW) | 6 | 6 | 6 | 9 | 6 | 9 | 6 | 9 |
| total installed power (kW) | 7,5 | 9 | 9 | 15 | 9 | 15 | 9 | 15 |
| total installed power with WP (kW) | - | 11 | 11 | 18 | 11 | 18 | 11 | 18 |
| ELECTRICAL HEATING (with 15° C water supply) | | | | | | | | |
| tank heating (kW) | 3 | 6 | 6 | 9 | 6 | 9 | 6 | 9 |
| booster heating (kW) | 14 | 9 | 9 | 14 | 9 | 14 | 9 | 14 |
| total installed power (kW) | 15,5 | 12 | 12 | 20 | 12 | 20 | 12 | 20 |
| total installed power with WP (kW) | - | 14 | 14 | 23 | 14 | 23 | 14 | 23 |
| STEAM HEATING | | | | | | | | |
| total installed power (kW) | - | - | - | - | 3 | 6 | 3 | 6 |
| total installed power with WP (kW) | - | - | - | - | 5 | 9 | 5 | 9 |

*please note that models GE605HRCD, GE805HRCD, GE1005HRCD, GE655HRCD, GE1155HRCD are 150mm higher than the standard units

Technical variations reserved



ECO2: THE FORMULA FOR ENERGY SAVING

Comenda's philosophy is represented by a green petal defining the company commitment to research and application of high-tech formulas which combine high performance with energy savings. ECO2 is the key to the entire production: eco-friendly solutions granting excellent results and a healthier working environment. This "green" philosophy also inspires the GE line: a vast range of washing systems that can adapt to a great variety of different needs, always guaranteeing top performance with very low operating costs and reduced water and detergent consumption. ECO2 accessories like the WP heat pump or the CRC heat recovery unit can be fitted to the GE machines achieving a higher energy efficiency and improved working conditions.

Comenda have obtained the UNI EN ISO 14001:2004 environmental certification, tangible proof of the company's awareness of ecological issues.



AFTER SALES SERVICE IN JUST A CLICK

Being a specialist in warewashing, Comenda provides outstanding innovative solutions and a complete and reliable after sales service. To provide its customers with the best possible real time support, Comenda offers - along with its wide network of high qualified technicians nationwide and worldwide - an easy to use online tool at www.comenda.eu for online assistance and ordering spare parts. More than 700 users already registered. Authorised distributors access the website with their own password and consult the entire e-documentation and download instruction manuals as well as wiring, hydraulic and installation diagrams. Exploded views can be accessed in a few clicks and orders can be automatically sent directly to the spare parts office.

