

Savings

With the ECO2 project, Comenda has achieved considerable results in terms of water, energy and detergent saving, the three most important areas, by implementing a series of state-of-the-art technologies.

RINSE ECONOMISER

The rinse function in COMENDA rack conveyor dishwashers is only activated when the rack enters the rinse area. This allows enormous amounts of water to be saved, which would otherwise be used to rinse empty spaces.

HEAT RECOVERY SYSTEM

It allows the machine to be fed by cold water, pre-heating it to a temperature of 45-50°C. Uses the heat and steam that would otherwise be lost in the environment, thus ensuring considerable energy savings. Condenses the steam from the machine and reduces the temperature of outgoing air.

AUTOTIMER

Reduces consumption by stopping the pumps when there are no dishes being fed into the system, restarting automatically when new racks are loaded.

MIDWASH PLUS

Unlike what happens in conventional industrial dishwashers, with MWP only 50% of the clean rinse water is sent to the wash tanks, while the rest is sent directly to the prewash. This has a dual effect - the water in the prewash area is renewed much more quickly, with less dilution of the detergent in the subsequent wash tanks and instead of passing through the wash areas in a “cascade system”, the rinse water is previously extracted and sent directly to the prewash area. The benefits are obvious and immediate. A dramatic reduction in the amount of detergent used, perfect cleaning and hygiene, lower environmental impact and a proportional economic benefit resulting from reduced consumption.

Technical data sheet

AC2E SERIES	AC2E / AC2AE	AC2EP5 / AC2AEP5	AC2EP6 / AC2AEP6	AC2EP9 / AC2AEP9
rack production per hour with 2 minutes contact time according to DIN10510	105	130	140	160
maximum rack production per hour	140	195	205	220
standard machine length (linear/corner)	1750/1800	2250/2300	2350/2400	2650/2700
tank load (l)	94	139	139	174
rinse water consumption (l/h) according to DIN 10510	133	180	190	200
power supply (V)	400V 3N 50Hz	400V 3N 50Hz	400V 3N 50Hz	400V 3N 50Hz
installed power (55°C hot water connection) in kW	22,02	25,72	25,88	27,26
consumption per hour in kWh	15,41	18,00	18,12	19,08
installed power (15°C cold water connection with ARC) in kW	31,55	33,75	35,41	37,79
consumption per hour in kWh	20,08	23,62	24,79	26,45
installed power (15°C cold water connection with WP7) in kW	17	19,2	20,9	23,3
consumption per hour in kWh	11,90	13,44	14,63	16,31
PRS	standard	standard	standard	standard
APRS, DHM, RAH, MWP Autotimer	optional	optional	optional	optional

We reserve the right to modify technical features and pictures.

A= corner version



ECO2: THE WINNING FORMULA FOR SAVING ENERGY

Comenda's philosophy is represented by a green petal, which defines the company's commitment to research and to applying high-tech formulas which combine high performance with energy savings. ECO2 is the key to Comenda's entire production - ecofriendly solutions that ensure excellent results and a healthier working environment. The AC2E range is also inspired by this green philosophy - a vast range of washing systems that can adapt to many different requirements, always ensuring top performance with very low running costs thanks to the reduced use of water and detergent. Low energy consumption is guaranteed by the PRS, APRS and WP accessories and by the economiser, which only activates the rinsing function when the rack passes through the machine, avoiding any waste of water. Comenda's green commitment has resulted in the company's UNI EN ISO 14001:2004 certification issued by the prestigious German TÜV organisation.



SUPPORT AT THE TOUCH OF A MOUSE

Faithful to its corporate philosophy, Comenda offers both excellent products and an all round support service. In order to provide its customers with the best possible real time support, along with its national and international network of qualified technicians, Comenda provides an easy-to-use online tool. The www.comenda.eu website includes a section which currently has over 700 registered users and provides support and an online parts ordering system. Customers can access the private area of the website using their password and consult or download the user manual as well as electrical, hydraulic and installation diagrams. Exploded diagrams can also be accessed in a few clicks and orders can be sent automatically and directly to your national spare parts office without error.

