

# 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 it to save enormous amounts of water, which would otherwise be used to rinse empty spaces.

## HEAT RECOVERY SYSTEM

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.

## DHM AUTOMATIC PRE-SCRAPPING SYSTEM

DHM stands out among the machine's various accessories. This new scrapping module, with a combination of arms fitted with several multidirectional jets, is installed ahead of the prewash module. The DHM effectively and advantageously replaces the traditional shower head, which is the main source of water consumption in the dish washing area.

# Technical info

AC2 SERIES	AC2/AC2A	AC2P/AC2AP
Racks/h capacity with 2 minutes contact time in compliance with DIN 10510	70	100
Maximum racks/h capacity	100	150
Machine length (mm)	1150/1200	1650/1700
Tank capacity (L)	80	125
Rinse water consumption according to DIN 10510 (with PRS/without PRS) (L/H)	150/220	200/300
Electrical connection (V)	400V 3N 50Hz	400V 3N 50Hz
Total power (55°C warm water connection) (kW)	19,04	23,74
Consumption (kWh)	15,23	18,93
Total power (15°C cold water connection with HRU) (kW)	22,15	27,85
Consumption (kWh)	17,72	22,28
Total power (15°C cold water connection with WP7) (kW)	16	21,7
Consumption (kWh)	12,80	17,36
Dryer (straight or corner version)(kW)	6,42	6,42
PRS, APRS, RAH, DHM, AUTOTIMER	Option	Option

We reserve the right to modify technical features and pictures.

A= corner version

P= Prewash section (500mm)



## ECO2: THE FORMULA FOR ENERGY SAVING

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 AC2 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.



## AFTER SALES SERVICE IN JUST A CLICK

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](http://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.

