

UNDERCOUNTER & PASS-THROUGH  
MULTIPURPOSE UNITS

# Infinity

Feel the future.



 **COMENDA**  
TO CLEAN. WITH CARE.



COMENDA

## BORN DIGITAL.

A new era in ware washing: operators and engineers are in full control of their undercounter and hood type glass and dishwashers from their smartphone, tablet or PC!

Maximum reliability and results never achieved before.

To infinity and beyond.



# A COMPLETE RANGE

# IDEAL FOR:

**YB35 R**  
Multipower  
Glasswasher,  
500 x 500 mm rack,  
300 mm clearance



**YF45 R**  
Multipower Frontloader  
dishwasher,  
500 x 500 mm rack,  
400 mm clearance



**YC10 R/YC14 R**  
Multivoltage (Three Phase only)  
Pass-through units,  
500 x 500 mm rack,  
440 mm clearance



**YCXL R**  
Multivoltage (Three Phase only)  
Pass-through units,  
Multipurpose Washer,  
600 x 500 mm rack,  
520 mm clearance



## BISTROTS



## BAKERIES



## BOUTIQUE HOTELS



## HEALTHCARE FACILITIES



## LOUNGE BARS



## HO.RE.CA.



## SCHOOLS & CANTEENS





## FEATURES





### RELIABLE.

- AISI 304 **stainless steel execution**;
- Deep drawn **double skin** insulated counterbalanced **door** (*undercounter units*);
- Stainless Steel **Rear Paneling** (*undercounter units*);
- Fully enclosed **back of the machine** (*pass-through units*)
- **Double wall insulated hood** (*pass-through units*)



### SIMPLE.

- **Full touchscreen graphic interface**;
- **5 different programming options**;
- **Electronic adjustment of the detergent and rinse aid dosing pumps** from the control panel;
- **Simplified diagnostics**: three different colors to show the type of alarm in progress;
- **The intuitive START button** features clear cycle monitoring with colour-coded status indicator to help your operations to run at its best;

-  Initial fill-up phase
-  full tank-temperature not reached
-  ready to go
-  Alarm

### SMART.

- **Bluetooth** and **Wi-Fi** connectivity;
- **“Comenda Cloud Washing” App and Web Portal** for remote control, monitoring and data download;
- No matter where the unit is installed, the remote connectivity allows **replicating** the unit control panel, **monitoring** machine operations, **modifying** parameters or **downloading** software updates and checking alarms.

**Preventive maintenance and first time fix for an improved customer experience.**



### HYGIENE.

- **Partial water draining before rinsing**;
- **RCD**- Rinse Control Device;
- **Self-cleaning cycle at unit switch-off**;
- **Rack sliding guides** (*undercounter units*)
- **Removable Rack guide** (*pass-through units*);
- **Single piece deep drawn tank**;
- **Self-draining wash pump**
- **Triple filtration system**, with a stainless steel surface filter, polypropylene basket filter and stainless steel mesh wire micro-filter. Even the smallest particles of dirt are captured and removed by the drain pump. **No downtime and no need to drain down the tank during the peak of your operations.**

### FLEXIBLE .

- **Clearance**: Up to 400 mm for undercounter units and up to 520 mm (*pass-through units*);
- Multipower and Multivoltage;
- **Provision for 7 kW heating element** (*undercounter units*)
- **9 kW** (*pass-through units*)
- **Buil-in drain pump and peristaltic dosing units**;
- **Provision for peak power reduction connection (PCE)** ;



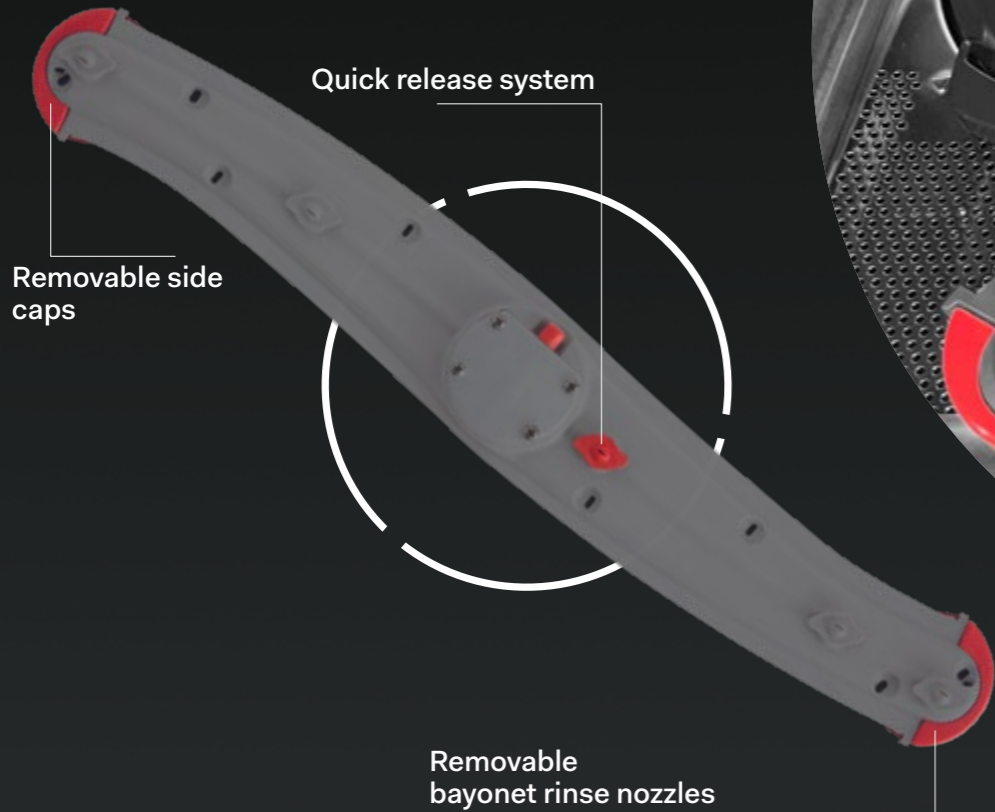
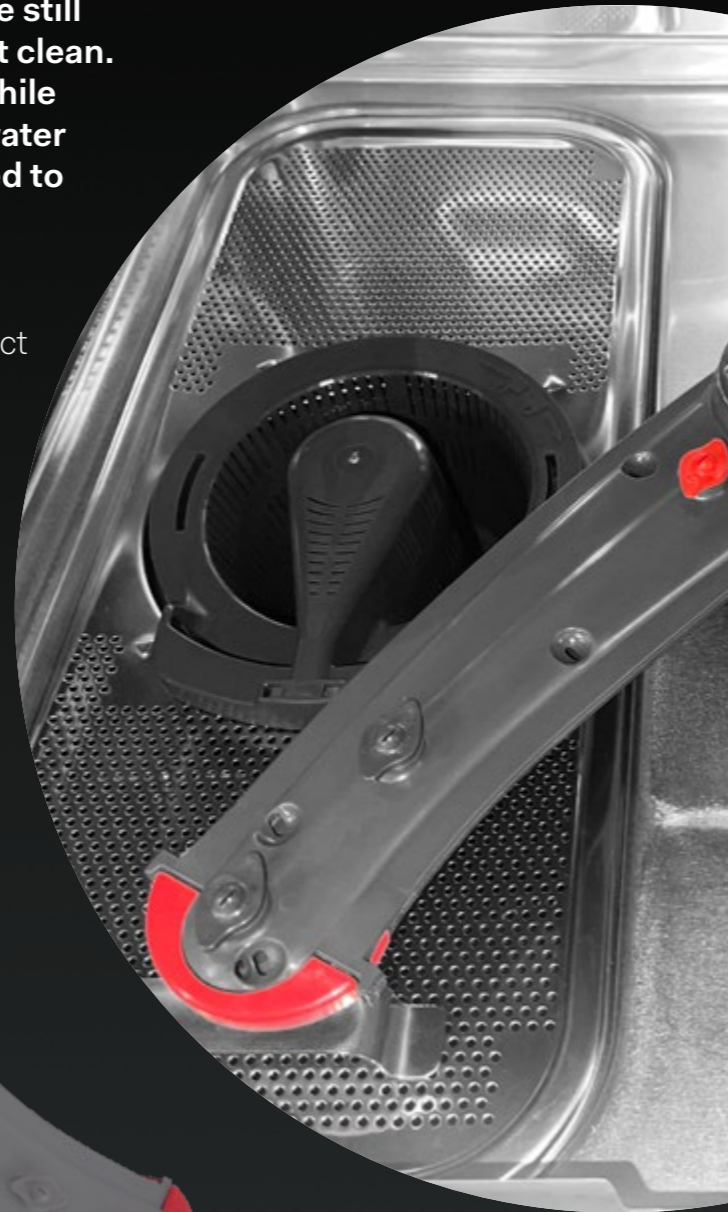
## FEATURES

STANDARD  
(undercounter units)

### WRIS®2+ WASH AND RINSE INTEGRATED SYSTEM

The WRIS®2+ posts a 25% reduction in rinse water consumption while still providing a thorough, consistent clean. Reducing operating expenses while washing efficiently: 27.302 l of water saved per unit per year compared to standard systems.

Thanks to the double water blade design, the WRIS®2+ boosts contact time and leaves no blind spots as it produces brilliantly clean glasses, dishes and cutlery.



# -25%

- water
- energy
- chemicals

Consumption



STANDARD  
(passthrough units)

### STAINLESS STEEL WASH AND RINSE SYSTEM

Comenda **stainless steel rotating upper and lower wash and rinse arms** perform a cross action that eliminates even the most stubborn dirt and guarantees outstanding results.



STANDARD

## THE POWER OF CONNECTIVITY.

### WI-FI AND BLUETOOTH CONNECTIVITY & REMOTE MONITORING

The new Wi-Fi and Bluetooth Pack allows the operator to **easy monitoring the machine functions and access a vast amount of information; prevent possible failures by managing the anomalies in real time** from smartphone, tablet and PC and **keep consumptions under control.**

The continuous monitoring of water, chemicals and energy consumption leads to **a more environmentally conscious us of world's natural resources.**

**SIMPLE. USER FRIENDLY. EFFICIENT.**



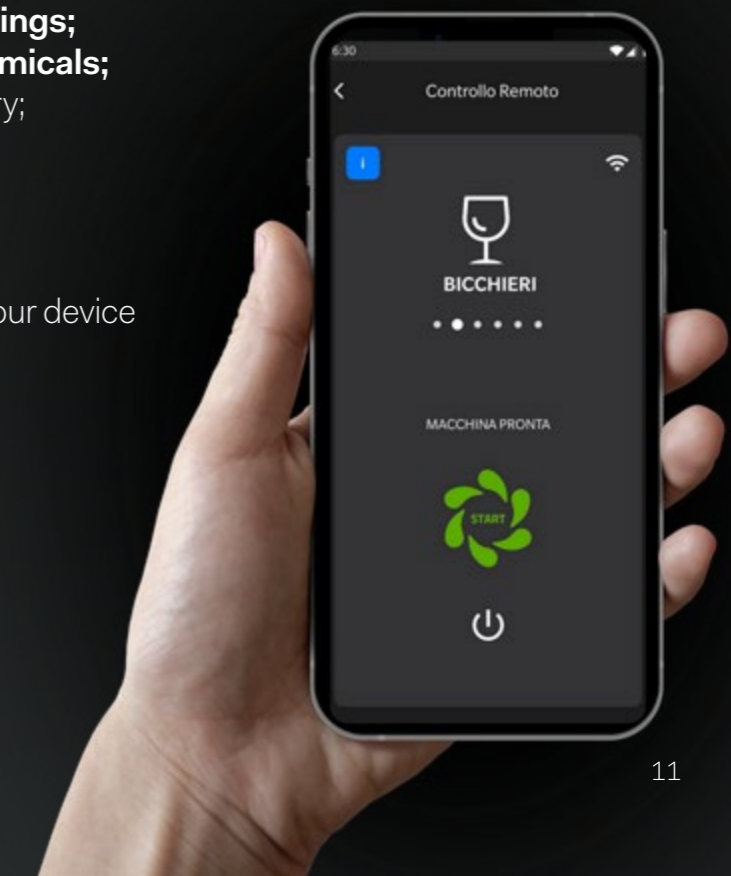
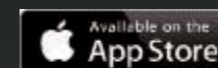
### COMENDA CLOUD WASHING APP AND WEB PORTAL

Simple and intuitive gives you the power to:

- Check the main **operating parameters** of the unit;
- **Start/stop the washing cycle;**
- Download **Records and HACCP reports;**
- Access the **alarm list and manage the anomalies;**
- Check and download **technical documentation;**
- Save unit specific **parameters or data settings;**
- Adjust **temperatures and dosage for chemicals;**
- Plan the **calls out for fixing** only if necessary;
- Develop **periodic reports** for the end user;
- Make a **remote assessment** of wear parts

No Wi-Fi connection onsite?

Just turn the **Bluetooth connection** on on your device and connect with the unit.





STANDARD

## GIVE YOUR SERVICE SHINE.

### YB35 RO - GLASSWASHER WITH INTEGRATED REVERSE OSMOSIS UNIT

As you only have one chance to make a first impression, **be sure it's brilliant.**

**Count on reverse osmosis** to guarantee **sparkling results** and rid your operation of time consuming tasks such as hand polishing glasses.

#### BENEFITS:

- **No more hand polishing** means staff can focus on other priorities.
- With **less manual handling** there is a reduced incidence of breakage.
- Reverse osmosis improves the **cleaning effectiveness of detergent.**
- It also **promotes faster drying** times so your crockery, cutlery and glassware is ready for **quicker turnarounds.**
- By dramatically limiting limescale build up, reverse osmosis **extends the lifespan of your machinery.**



## SIMPLE. BRILLIANT. EFFICIENT.

And it's just like that.

**Each component is placed to simplify membrane and filter replacement operations. No need to extract the whole osmosis unit!**

#### SPACE SAVING

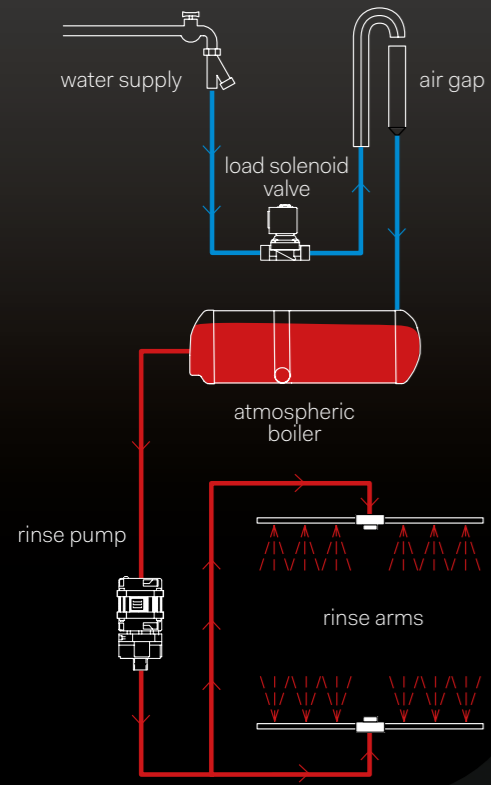
Reduced machine height compared to previous models. Perfect for spaces where you need to make the most of every inch.

	MEMBRANE	ACTIVE CARBON FILTER	FILTER LIFE (l)	MINIMUM WATER TEMPERATURE (°C)	MAXIMUM WATER TEMPERATURE (°C)	MINIMUM INLET FLOW RATE (l/h)	FLOW RATE AT 25 °C (l/h)	RECOVERY RATE	TYPICAL REJECTION
INTEGRATED OSMOSIS UNIT	2	1	43.000	5	35	300	150	30/60%	92/95%





RCD:  
how it works



STANDARD  
**RCD -  
RINSE CONTROL DEVICE**

The RCD System, maintains constant water pressure and temperature throughout operations.

**The highest levels of hygiene and sanitisation are achieved through high washing and rinsing temperatures along with contact times in line with the DIN 10534 standards.**



OPTIONAL  
**DOUBLE WALL  
INSULATED HOOD**

All YC pass through units are equipped with **the new Heavy Duty double skin insulated hood** for a higher level of thermal acoustic insulation.

**Benefits:**

- **Extreme comfort** for the operator with a massive **reduction in heat dispersion and noise emissions** ;
- **Hygienic design.** Dirt accumulation is avoided and cleaning operations are much **quicker and easier**;
- **Increased operational efficiency.**

STANDARD  
**YCXL R: MULTIPURPOSE  
HOODTYPE UNITS WITH  
600X500 MM RACK**

The wide body passthrough unit features an oversized washing chamber with 520 mm clearance perfectly designed to wash GN 2/1 pans.



STANDARD  
**THERMO LABEL PROGRAM**

**SAFETY** and uncompromised **HYGIENE** are the keywords to give your customers **PROTECTION** and **PIECE OF MIND**.

**The new program THERMO LABEL guarantee the highest level of hygiene is required.** It also meets the requirements of the Thermolabel test, **by reaching a temperature of 71°C** on the plate surface, an irreversible registering temperature indicator for dishwasher sanitation and HACCP compliance.

This happens through dish test strips featuring a temperature sensitive element that produces a non-reversible white to black color change at 71deg C.







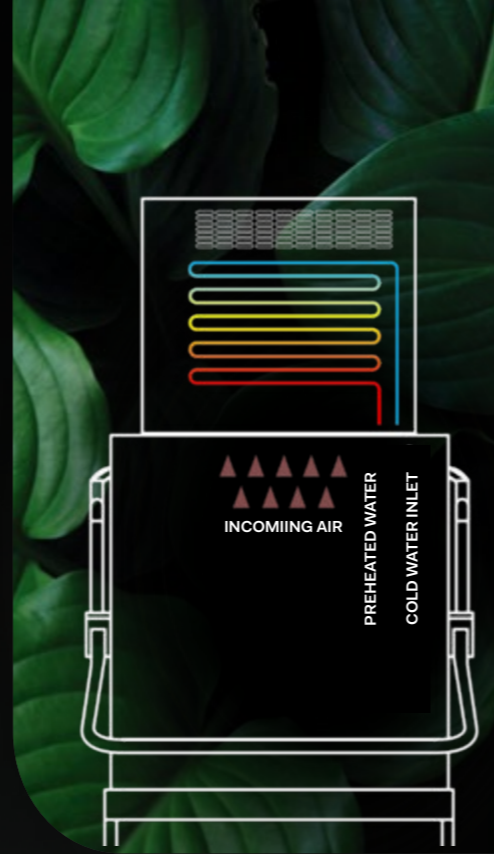
OPTIONAL

### ERGONOMICS AND SUSTAINABILITY.

#### CRC2 - HEAT RECOVERY UNIT

Available as an option for hood type models, CRC2 allows for cold water connection (15 to 30 deg C). CRC2 allows for consistent energy savings. Minimizing the steam released, CRC2 helps creating a more comfortable work environment.

Ventless Execution .



**-35%**  
energia



Comenda CRC2 heat recovery unit allows for a 35% reduction in the energy consumption.



OPTIONAL

### DO YOU BELIEVE IN MAGIC?

#### MOVE - AUTOMATIC HOOD LIFT SYSTEM

Ergonomics & Automation. Discover the MOVE execution available for all hood type models.

Automatic hood lifting at the end of the cycle, hands-free foot trigger to activate the automatic hood closure and extreme comfort for the operator guarantee consistency in washing operations with no downtime and outstanding results.



MOVE means SAFETY: Obstacles detection during hood closing for the maximum operator's safety





OPTIONAL

### INFINIT(EL)Y GREEN.

#### AS6 LI/AS8 LI - STAND ALONE DRYING TUNNELS

Need for reusable items completely dry and sanitize? We have designed a 600 mm and 800 mm stand alone dryers for pass through units for the quickest turnaround with minimal footprint.

**Air blades designed to hit and dry the complete surface of the cups, trays and reusable containers.**

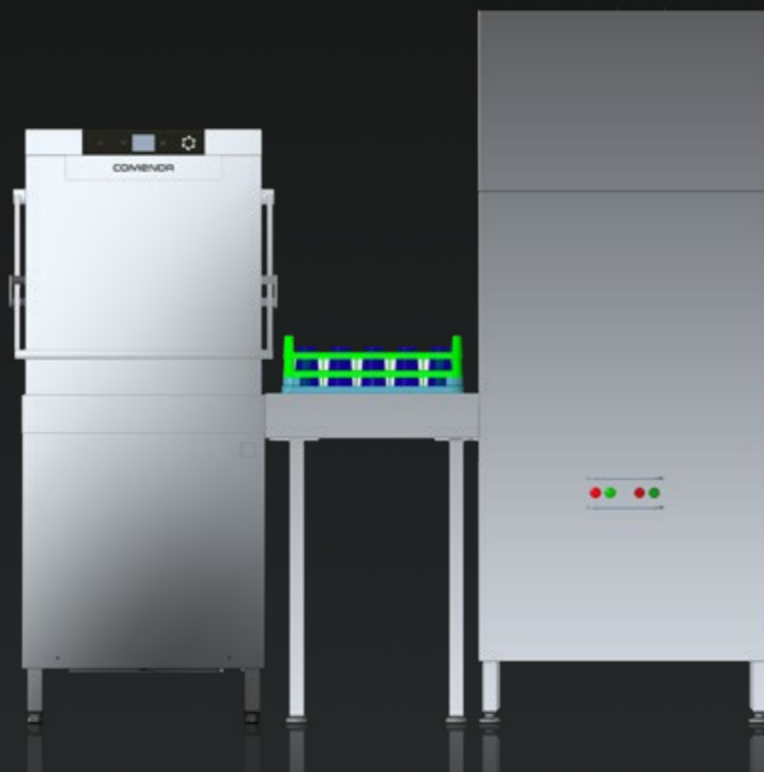
**AS6 Li: 600 mm** - Upper air blades designed to hit and dry the top surface of **trays and different items.**

**AS8 li: 800 mm** - Upper and lower air blades designed to hit and dry the complete surface of the **cups, trays and reusable containers.**

\*\* Recommended configuration: YC10 R or YCXL R AS6LI/ AS8LI in combination with an external RO unit.



**NO DOWNTIME!** Your reusable cups drying while another rack is washed in the unit at the same time.



OPTIONAL

### SPARKLING RESULTS.

#### WATER TREATMENT

Adding to Infinity a Comenda water softener\* and reverse osmosis unit \*\*can prove invaluable to your operation. Together they soften and **purify water** prior to the washing cycle to **eliminate the spotting and streaking** that can blemish glasses, dishes and cutlery.

\* Modells YB35 RA - YF45 RA with RCD and built-in water softener .

\*\* Model YB35 RO with RCD and integrated reverse osmosis unit.

#### WATER SOFTENERS

- CS05
- CS08



#### REVERSE OSMOSIS UNITS

- AQUA+ES
- AQUA+VS
- AQUA+EB



OPTIONAL

### UPPER RACK HOLDER

The innovative design of the new Comenda upper rack holder for 500 x 500 mm rack front loading units, **helps you during unloading operations** and **promotes a faster drying** of the crockery thanks to the integrated drainer which allows the excess water to be conveyed directly to the drain pipe of the unit.



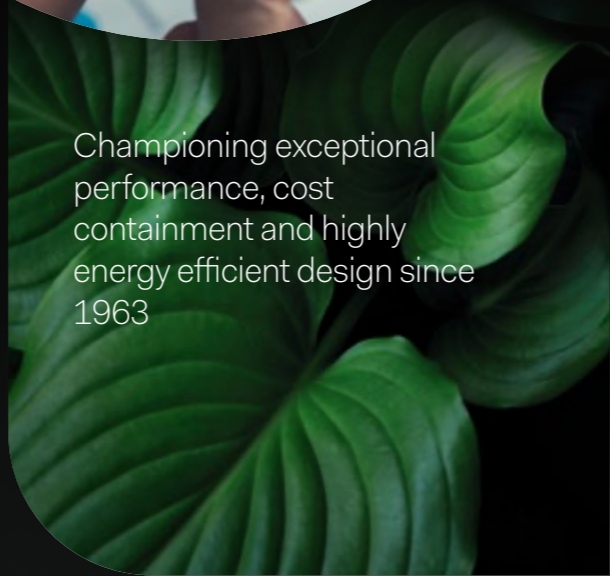
## AT YOUR SIDE SINCE 1963

As the spring board company of Ali Group, Comenda offers professional washing machines rigorously **"Made in Italy"**, according to the highest quality standards.

**Comenda solutions range from small-sized cup and glass washers for bars to large, automated, continuous feed systems for restaurants, hospitals, canteens and inflight catering.**

Our operational flexibility allows us to supply **tailor-made systems**, designed to meet individual space and operation requirements, without any limits on processing capacity, **granting the highest standards of hygiene.**

Championing exceptional performance, cost containment and highly energy efficient design since 1963



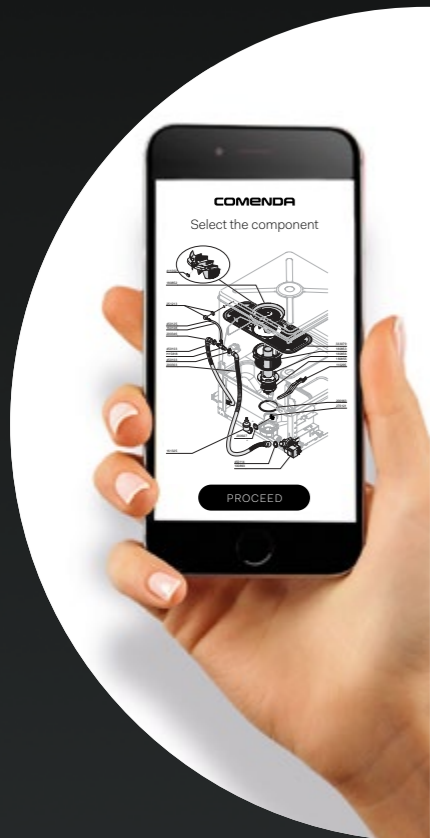
## SPEED. SERVICE. SOLUTIONS.



There's no time for downtime in your operation. That's why our products are designed to facilitate quick turnarounds and replacements.

**Comenda ensures rapid response and complete client service.**

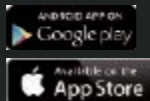
Our extensive network of distributors and service providers are ready to assist when in need.



## ORIGINAL SPARE PARTS: JUST ONE CLICK AWAY!

You can order directly from our website and check real-time parts availability, **24 h a day and 7 days a week.**

On our website you can: **access and download** technical documentation on our machines (product manuals and detailed electrical and hydraulic schematics); find answers to the most frequently asked questions and **watch Comenda video tutorials.**



## NEVER STOP TRAINING

To support the ongoing training of our distributor and service network, we encourage our partners to attend our in-house, hands-on seminars. Ask our team for specific onsite training for operators and staff.



### TECHNICAL DATA

# YB

## Glasswasher

	YB35 R YB35 RA	YB35 RO
<b>EXTERNAL DIMENSIONS (AxBxC)</b> (mm)	600x605x720	600x605x825
<b>OVERALL SIZE (D)</b> (mm)	940	940
<b>RACK SIZE</b> (mm)	500 x 500	500 x 500
<b>CLEARANCE (E)</b> (mm)	300	300
<b>ELECTRICAL SUPPLY</b> (V)	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz
<b>PROGRAM LENGHT</b> (sec)	90/90/120/240/150	100/100/120/240/150
<b>OUTPUT RACKS</b> (rack/h)	40/40/30/15/24 • 25/25/25/15/17 • 27/27/27/15/19 • 25/25/25/15/17 •	25/25/25/15/17 •
<b>RINSE WATER CONSUMPTION</b> (l/cycle)	2,5	2,5
<b>TANK HEATER ELEMENT</b> (kW)	1,2	1,2
<b>BOOSTER HEATER</b> (kW)	5	5
<b>TANK SIZE</b> (l)	10	10
<b>WASH PUMP</b> (kW)	0,65	0,65
<b>INSTALLED LOAD</b> (kW)	6,85	7,1



#### OPTIONAL

7 KW BOOSTER

BASE STAND WITH DOOR

STAND FEET KIT (FOR BASE STAND)

EXTERNAL WATER SOFTENER -  
(YB35 R - YB35 RO)

DETERGENT AND RINSE AID  
LEVEL PROBE KIT

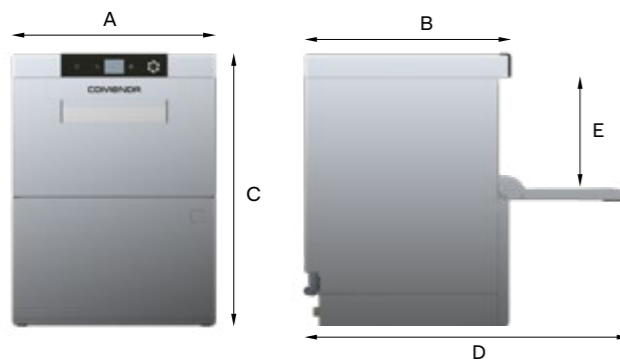
SPECIAL VOLTAGES

REVERSE OSMOSIS UNIT - EXTERNAL  
(YB35 R - YB35 RA)

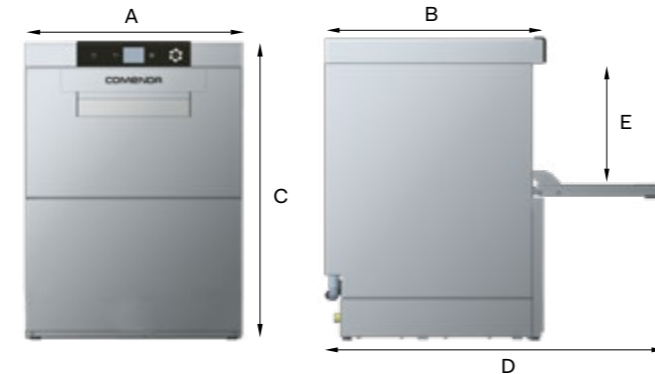
UPPER RACK HOLDER FOR  
YB35 R / YB35 RA (775 h mm) - YB35 RO (880 mm)

- With RCD
- With built-in water softener
- Built in reverse osmosis unit
- Output racks - cold water connection (15°C)
- Output racks - hot water connection (55°C)
- Output racks - hot water connection (35°C)

### YB35 R / YB35 RA



### YB35 RO



### TECHNICAL DATA

# YF

## Dish & glasswasher

	YF45 R YF45 RA
<b>EXTERNAL DIMENSIONS (AxBxC)</b> (mm)	600x605x820
<b>OVERALL SIZE (D)</b> (mm)	1040
<b>RACK SIZE</b> (mm)	500 x 500
<b>CLEARANCE (E)</b> (mm)	400
<b>ELECTRICAL SUPPLY</b> (V)	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz
<b>PROGRAM LENGHT</b> (sec)	90/90/120/240/150
<b>OUTPUT RACKS</b> (rack/h)	40/40/30/15/24 • 25/25/25/15/17 • 27/27/27/15/19 • 25/25/25/15/17 •
<b>RINSE WATER CONSUMPTION</b> (l/cycle)	2,5
<b>TANK HEATER ELEMENT</b> (kW)	1,2
<b>BOOSTER HEATER</b> (kW)	5
<b>TANK SIZE</b> (l)	10
<b>WASH PUMP</b> (kW)	0,65
<b>INSTALLED LOAD</b> (kW)	6,85



#### OPTIONAL

7 KW BOOSTER

BASE STAND WITH DOOR

STAND FEET KIT (FOR BASE STAND)

EXTERNAL WATER SOFTENER (YF45 R)

DETERGENT AND RINSE AID LEVEL  
PROBE KIT

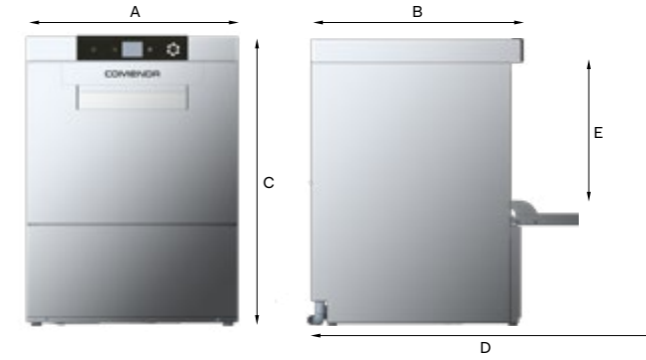
SPECIAL VOLTAGES

REVERSE OSMOSIS UNIT - EXTERNAL  
FOR YF45 R / YF45 RA

UPPER RACK HOLDER FOR  
YF45 R (875 h mm)

- With RCD
- With built-in water softener
- Output racks - cold water connection (15°C)
- Output racks - hot water connection (55°C)
- Output racks - hot water connection (35°C)

### YF45 R / YF45 RA





## TECHNICAL DATA

# YC

## Passthrough units

	YC10 R*	YC14 R*	YCXL R*
<b>EXTERNAL DIMENSIONS (AxBxC)</b> (mm)	625 x 740 x 1530	625 x 740 x 1530	725 x 740 x 1630
<b>OVERALL SIZE (D)</b> (mm)	2020	2020	2200
<b>RACK SIZE</b> (mm)	500 x 500	500 x 500	600 x 500
<b>CLEARANCE (E)</b> (mm)	440	440	520
<b>ELECTRICAL SUPPLY</b> (V)	230V/3/50Hz 400V/3N/50Hz	230V/3/50Hz 400V/3N/50Hz	230V/3/50Hz 400V/3N/50Hz
<b>PROGRAM LENGHT</b> (sec)	65/90/120/240/150	48/90/120/240/150	48/90/120/240/150
<b>OUTPUT RACKS</b> (rack/h)	55/40/30/15/24* 35/35/30/15/24*	75/40/30/15/24* 35/35/30/15/24*	75/40/30/15/24* 35/35/30/15/24*
<b>RINSE WATER CONSUMPTION</b> (l/cycle)	2,7	2,7	2,7
<b>TANK HEATER ELEMENT</b> (kW)	2,5	2,5	2,5
<b>BOOSTER HEATER</b> (kW)	7	7	7
<b>TANK SIZE</b> (l)	42	42	42
<b>WASH PUMP</b> (kW)	1,1	1,5	2,2
<b>INSTALLED LOAD</b> (kW)	10,6	11	11,7



### OPTIONAL

9 KW BOOSTER

EXTERNAL WATER SOFTENER

DETERGENT AND RINSE AID LEVEL PROBE KIT

SPECIAL VOLTAGES

REVERSE OSMOSIS UNIT - EXTERNAL

ENTRY AND EXIT TABLE

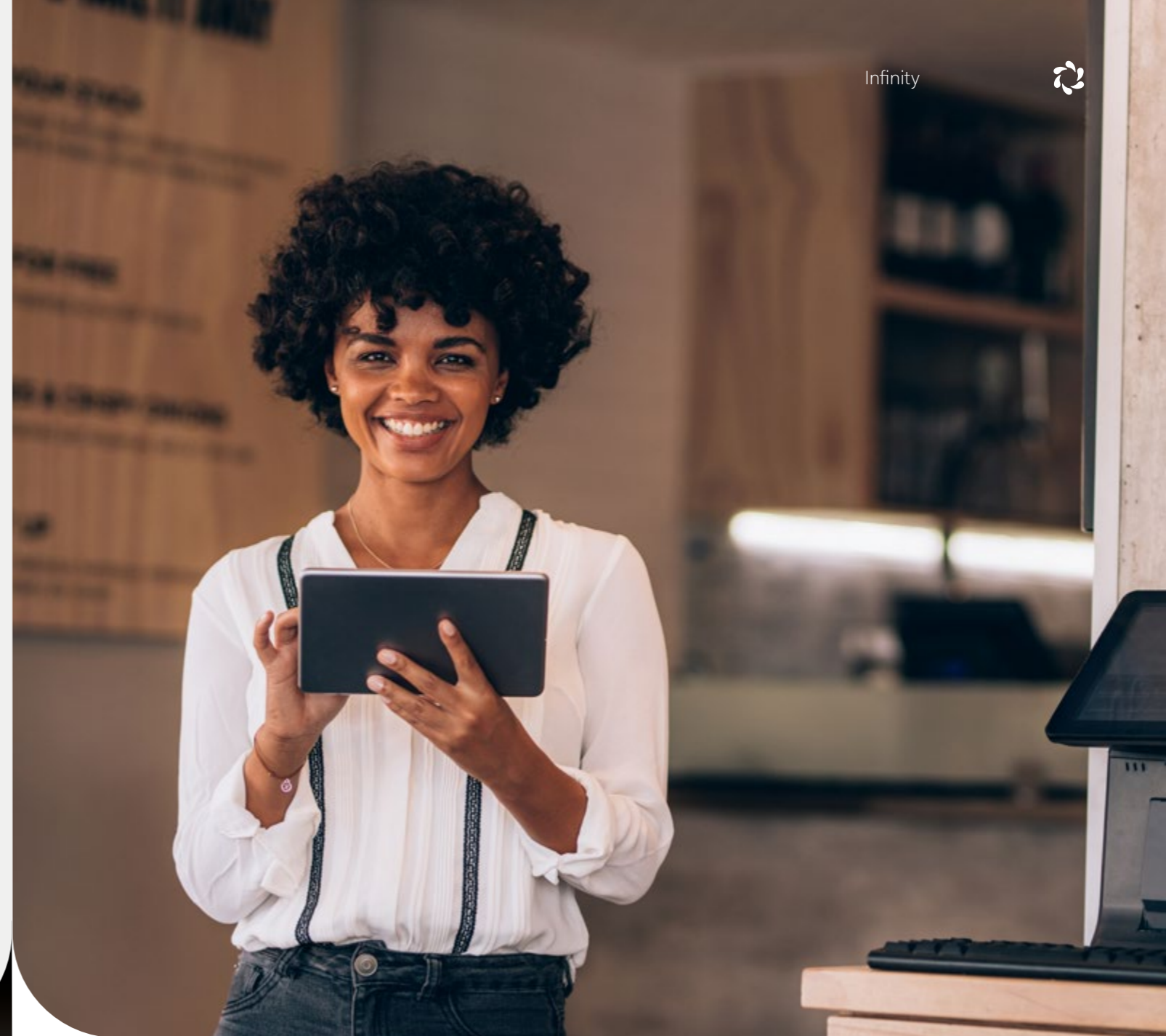
MOVE: AUTOMATIC HOOD LIFT SYSTEM

AS8/LI: STAND ALONE DRYER FOR REUSABLE ITEMS

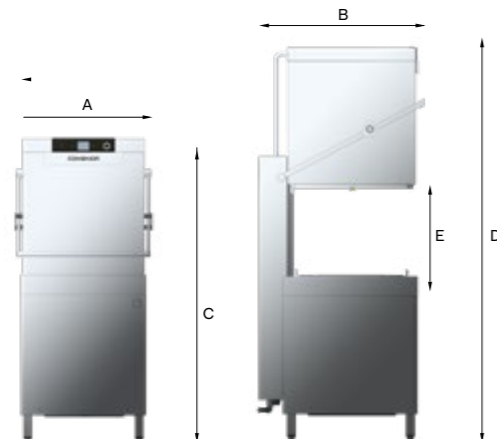
- \* With RCD
- \* Output racks - cold water connection (15°C)
- \* Output racks - hot water connection (55°C)

### SPACE SAVING

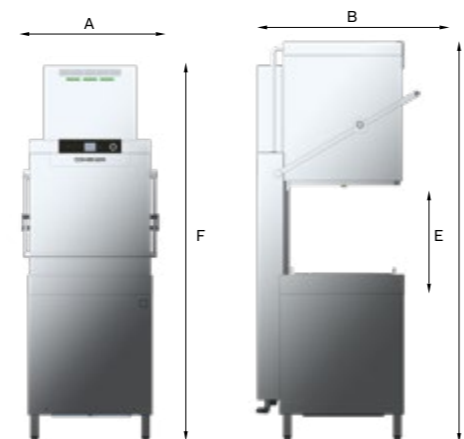
CRC2 footprint is the same as the overall size of the unit.  
No need for additional space in your ware washing area!  
YC10 R/YC14 R 625 x 740 x 1900 (F) - YCXL R 725 x 740 x 2000 (F)



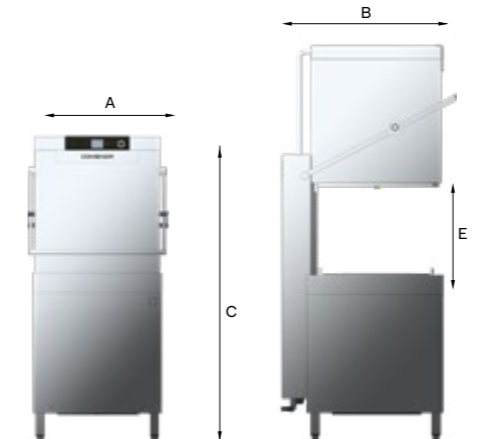
### YC10 R / YC14 R



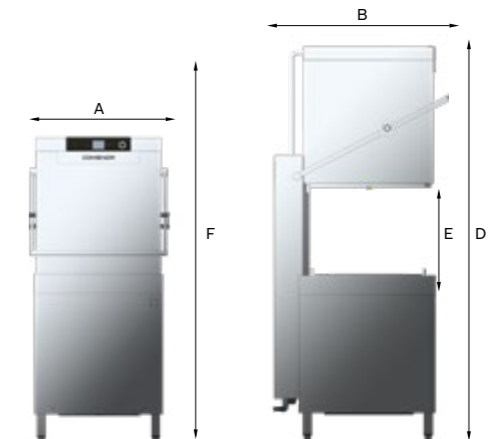
### YC10 R / YC14 R CRC2



### YCXL R



### YCXL R CRC2



## CONTATTI

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Azienda con sistema di gestione qualità/ambiente certificato  
secondo le norme ISO9001 e ISO14001:2015.

Comenda complies with ISO9001 quality management system  
and ISO14001:2015 environmental management system.

Cod. 900020105.19 - Con riserva di variazione delle caratteristiche tecniche. Foto non vincolanti.







an Ali Group Company



The Spirit of Excellence