UNDERCOUNTER & PASS-THROUGH
MULTIPURPOSE UNITS

Infinity

Feel the future.

COMENDA
TO CLEAN. WITH CARE.

Infinity

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

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

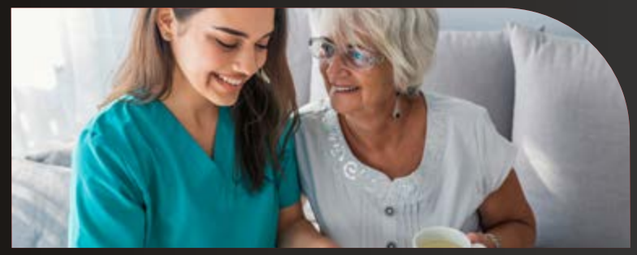
YC10 R
Multivoltage Pass-throught units, 500 x 500 mm rack, 440 mm clearance

YCXL R
Multivoltage Pass-through units, Multipurpose Washer, 600 x 500 mm rack, 520 mm clearance

IDEAL FOR:

BISTROTS

HEALTHCARE FACILITIES



HO.RE.CA.

BAKERIES

BOUTIQUE HOTELS

LOUNGE BARS

SCHOOLS & CANTEENS

FEATURES

RELIABLE.

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

Initial fill-up phase

full tank-temperature not reached

ready to go

Alarm

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 indicatoris to help your operations to run at its best;

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.**

FLEXIBILE .

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

FEATURES

STANDARD
(undercounter units)

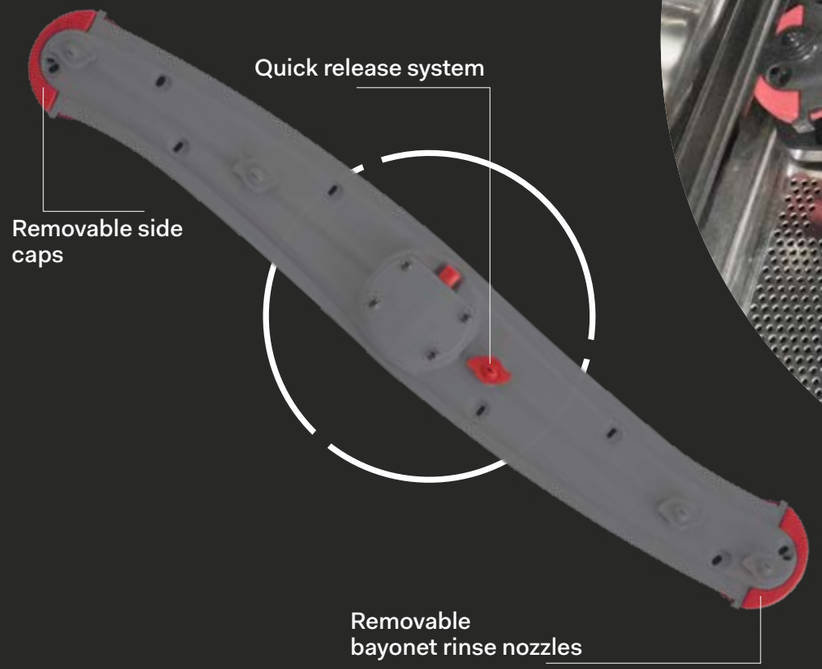
WRIS®2+ WASH AND RINSE INTEGRATED SYSTEM

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.**

INDUSTRY 4.0

SIMPLE. USER FRIENDLY. EFFICIENT.

COMENDA CLOUD WASHING APP AND WEB PORTAL

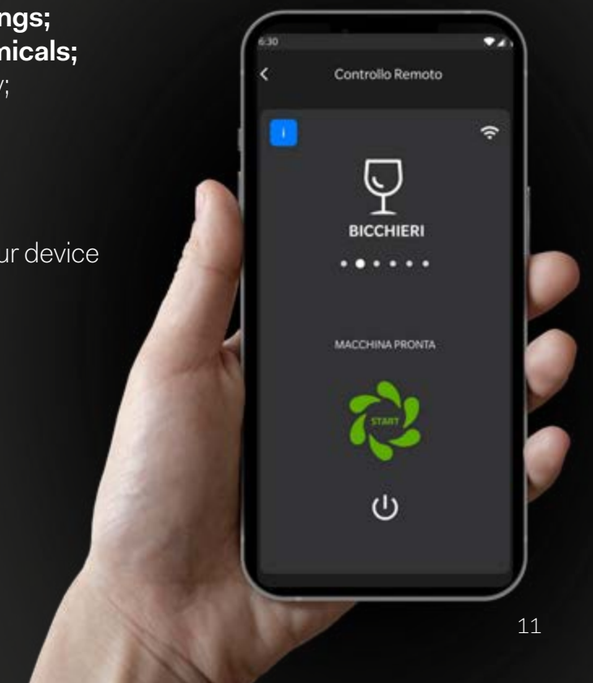
Simple and intuitive gives you the power to:

- 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.

ANDROID APP ON Google play

Available on the App Store



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% energy

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: Obastacles detection during hood closing for the maximum operator's safety

STANDARD

GIVE YOUR SERVICE SHINE.

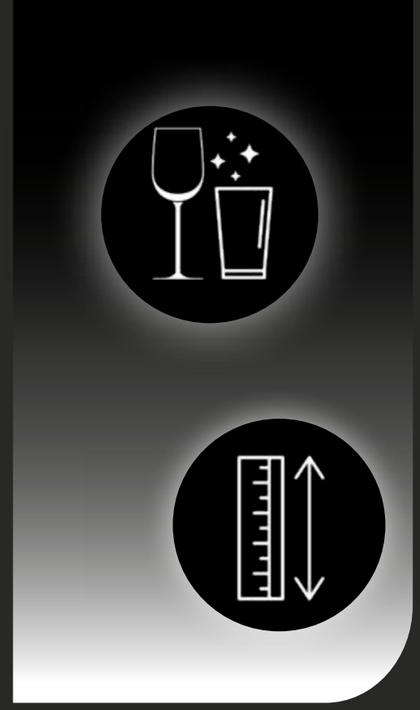
YB35 RO - GLASSWASHER WITH INTEGRATED REVERSE OSMOSIS UNIT

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.

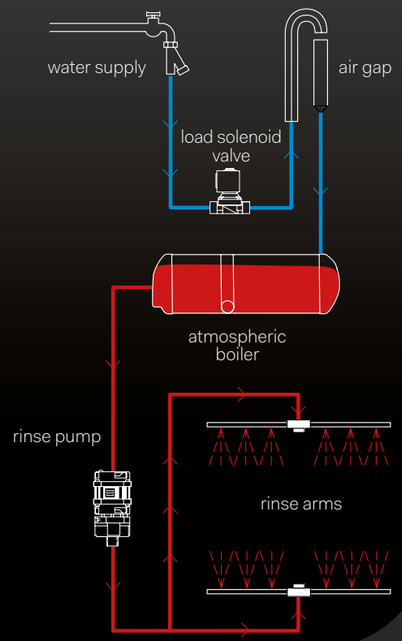
Each component is placed to simplfy membrane and filter replacement operations.
No need to extract the whole osmosis unit!

SPACE SAVING

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

	MEMEBRANE	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

AS8 LI - STAND-ALONE DRYER

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

Upper and lower air blades designed to hit and dry the complete surface of the cups, trays and reusable containers.

No downtime! Your reusable cups drying while another rack is washed in the unit at the same time.

Can be retrofit on existing hood type units!

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.

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.

* Recommended configuration: YC10 R or YCXL R AS8LI in combination with an external Ro unit.

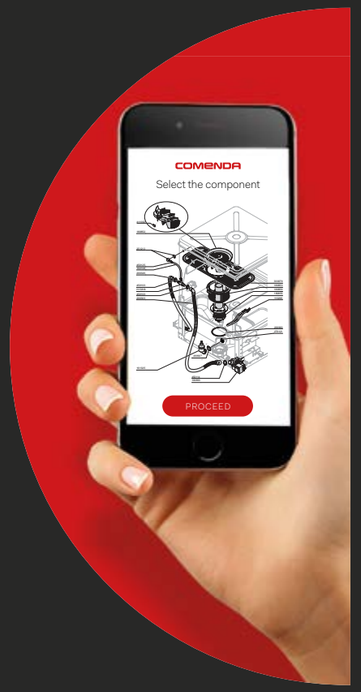
AT YOUR SIDE SINCE 1963

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



COMENDA

ANDROID APP ON Google play

Available on the App Store

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.**

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.

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

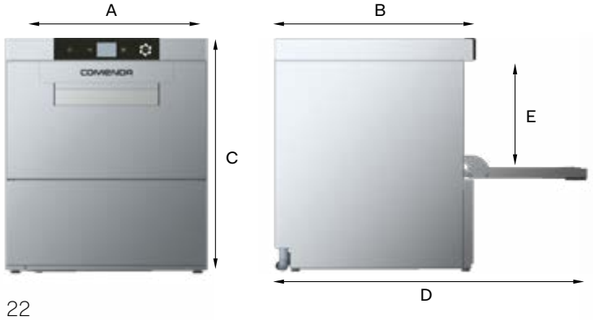
	YB35 R•	YB35 RO••
EXTERNAL DIMENSIONS (AxBxC) (mm)	600x605x720	600x605x825
OVERALL SIZE (D) (mm)	1040	1040
RACK SIZE (mm)	500 x 500	500 x 500
CLEARANCE (E) (mm)	300	300
ELECTRICAL SUPPLY (V)	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz
PROGRAM LENGHT (sec)	90/90/120/240/240	100/100/120/240/240
OUTPUT RACKS (rack/h)	40/40/30/15/15• 25/25/25/15/15•	25/25/25/15/15•
RINSE WATER CONSUMPTION (l/cycle)	2,7	2,7
TANK HEATER ELEMENT (kW)	1,2	1,2
BOOSTER HEATER (kW)	5	5
TANK SIZE (l)	10	10
WASH PUMP (kW)	0,65	0,65
INSTALLED LOAD (kW)	6,85	7,1

OPTIONAL

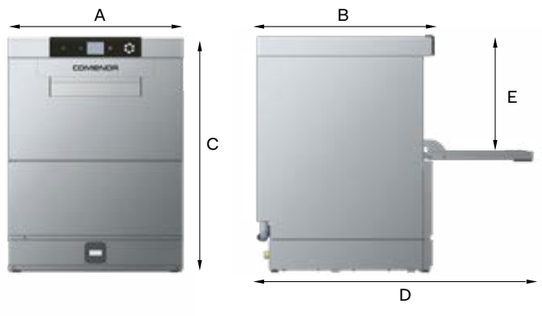
- 7 KW BOOSTER
- BASE STAND WITH DOOR
- STAND FEET KIT (FOR BASE STAND)
- EXTERNAL WATER SOFTENER
- DETERGENT AND RINSE AID LEVEL PROBE KIT
- SPECIAL VOLTAGES
- REVERSE OSMOSIS UNIT - EXTERNAL FOR YB35 R
- UPPER RACK HOLDER FOR YB35 R (775 h mm) - YB35 RO (880 h mm)

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

YB35 R



YB35 RO



TECHNICAL DATA

YF

Dish & glasswasher

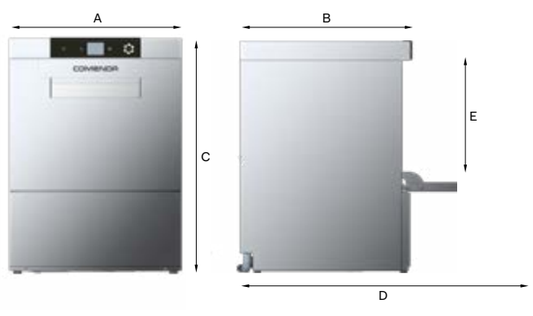
	YF45 R•
EXTERNAL DIMENSIONS (AxBxC) (mm)	600x605x820
OVERALL SIZE (D) (mm)	1040
RACK SIZE (mm)	500 x 500
CLEARANCE (E) (mm)	400
ELECTRICAL SUPPLY (V)	230V/50Hz; 230V/3/50Hz 400V/3N/50Hz
PROGRAM LENGHT (sec)	90/90/120/240/240
OUTPUT RACKS (rack/h)	40/40/30/15/15• 25/25/25/15/15•
RINSE WATER CONSUMPTION (l/cycle)	2,7
TANK HEATER ELEMENT (kW)	1,2
BOOSTER HEATER (kW)	5
TANK SIZE (l)	10
WASH PUMP (kW)	0,65
INSTALLED LOAD (kW)	6,85

OPTIONAL

- 7 KW BOOSTER
- BASE STAND WITH DOOR
- STAND FEET KIT (FOR BASE STAND)
- EXTERNAL WATER SOFTENER
- DETERGENT AND RINSE AID LEVEL PROBE KIT
- SPECIAL VOLTAGES
- REVERSE OSMOSIS UNIT - EXTERNAL FOR YF45 R
- UPPER RACK HOLDER FOR YF45 R (875 h mm)

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

YF45 R



TECHNICAL DATA

YC

Passthrough units

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

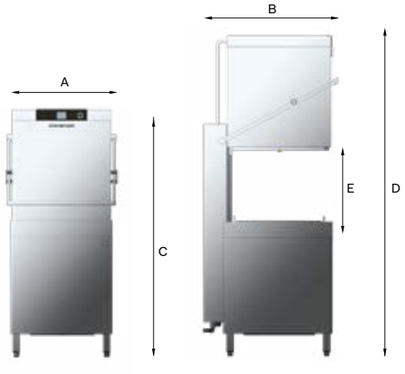
OPTIONAL

- 9 KW BOOSTER
- EXTERNAL WATER SOFTENER
- DETERGENT AND RINSE AID LEVEL PROBE KIT
- SPECIAL VOLTAGES
- REVERSE OSMOSIS UNIT - EXTERNAL
- ENTRY AND EXIT TABLE
- DOUBLE SKIN INSULATED HOOD
- MOVE: AUTOMATIC HOOD LIFT SYSTEM
- AS8/LI: STAND ALONE DRYER FOR REUSABLE ITEMS

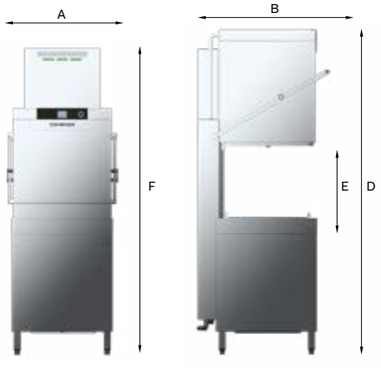
• With RCD
• Output racks - cold water connection (15°C)
• Output racks - hot water connection (55°C)

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 625 x 740 x 1900 (F) - YCXL R 725 x740 x 2000 (F)

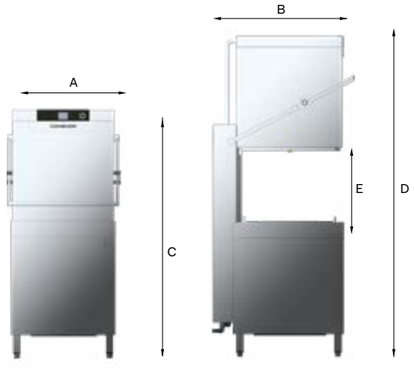
YC10 R



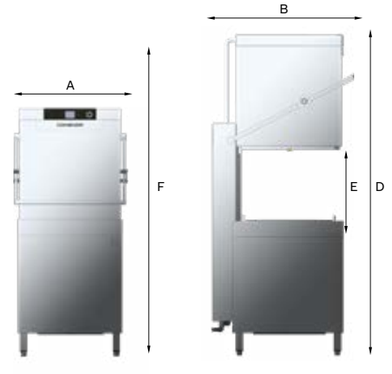
YC10 R CRC2

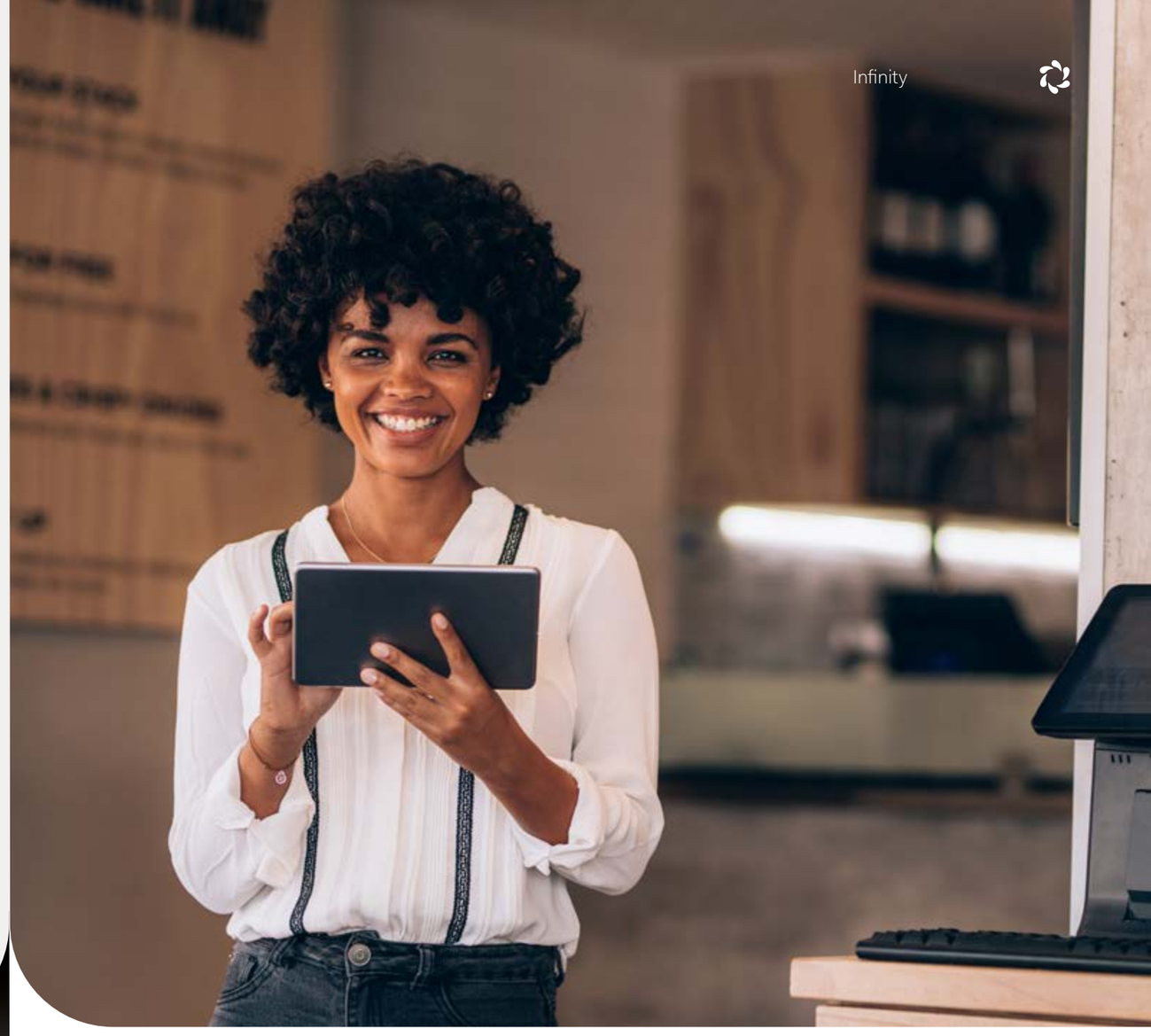


YCXL R



YCXL R CRC2





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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.

COMENDA

an Ali Group Company

GROUP

The Spirit of Excellence