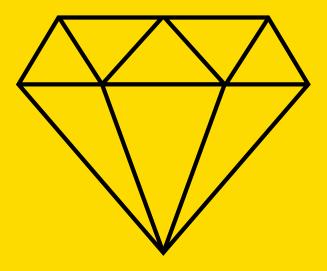


# DISHWASHERS

ZANUSSI PROFESSIONAL

# ZANUSSI IS BRILLIANT



Zanussi Professional builds dishwashers with top quality material to provide long term high performance and reliability.

The Guaranteed Rinse System can be found in all the Active dishwashers providing a safe rinse result, thanks to the consistency in temperature and correct quantity of water used. Ease, reliability, sturdiness are Zanussi Professional's key words.

## A RANGE FOR ALL BUSINESS



AUTOMATIC HOOD TYPE DISHWASHERS



INSULATED MANUAL HOOD TYPE DISHWASHERS



MANUAL HOOD TYPE DISHWASHERS



FRONT LOADING DISHWASHERS



UNDERCOUNTER DISHWASHERS TOP



UNDERCOUNTER DISHWASHERS STANDARD



GLASSWASHERS TOP

# YOUR DISHWASHER IS ZANUSSI

## **PLUS**

#### IP25 water protection

Protection for small items and water sprays.

#### Integration

The dishwasher is designed to have everything inside: air break, rinsing pump and hygiene control.

#### LED\*

A special LED light (located on the upper cover) allows you to check the progress of the washing cycle at a glance.

\* Standard on selected models

#### **GUARANTEED RINSE**

A previously unseen piece of equipment. The water keeps a constant high temperature of 84°C, while the pressure remains regular. The rinse quality is unbeatable.

#### **LOADING MADE EASIER**

The height of the loading opening is 440 mm so you can easily load even bulky pots.



well as the drain pump are incorporated to facilitate installation and control.

ZANUSSI



# QUALITY WILL EXCEED YOUR EXPECTATIONS QUALITY



- → ITS ERGONOMIC DESIGN MAKES THE OPERATOR'S WORK EASIER
- → HYGIENE IS CONSTANTLY GUARANTEED WITH A STABLE TEMPERATURE OF 84 °C
- → THE STAINLESS STEEL IS A GUARANTEE OF DURABILITY AND RELIABILITY

The Zanussi Professional will always be able to give you more than you expected: from a quality, performance and hygienic efficiency point of view.

# HOOD TYPE DISHWASHERS ACTIVE HYGIENE

#### PERFORMANCE IS ALWAYS VISIBLE

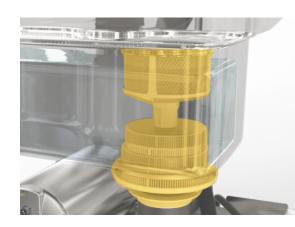
Hood Type Zanussi Professional dishwashers are designed to offer the best performance in terms of sturdiness, reliability, hygiene, ease of use and operator safety. These high productivity models can wash up to 1,440 dishes/hour (80/baskets per hour). Thanks to its angular position, the control panel is always

visible and permits both linear and angular installations, which can be accompanied by a variety of tableware in order to customise individual needs. The structure and main parts are all made in stainless steel, to guarantee sturdiness and durability.



#### **ADVANCED FILTERING**

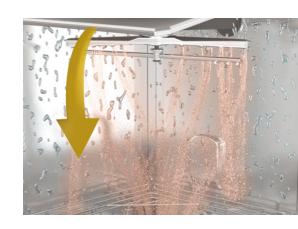
The new advanced filtering system has two functions that keeps the water free of any food residue and improves the effectiveness of the detergent. The water pump keeps the pressure permanently stable. The position of the nozzles provides more precision in terms of the water spray.



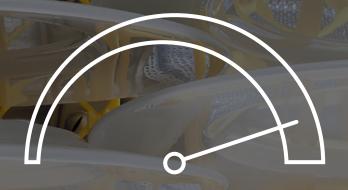
#### **GUARANTEED RINSE**

The atmospheric boiler guarantees a rinsing quality never seen before, keeping the water at a very high and stable temperature (84 °C) with the pressure constantly regular. All the models are Active and are fitted with a Guaranteed Rinsing System. The design of the

rinsing arms and nozzles makes the complete removal of detergent easier. The ceiling inclination and slanted washing arms ensure that the detergent cannot fall onto the dishes, that have already been washed, during the rinse stage.



# EASY WIN OVER LIME SCALE



- → THE ZANUSSI PROFESSIONAL HOOD TYPE BEATS LIME SCALE
- → SANITATION IS EXECUTED TO PERFECTION
- → LOADING IS MADE EASIER THANKS TO THE OPENING HEIGHT

Automatic de-scaling is activated with a simple button while the cleaning cycle only starts when the filter and overflow are removed, which is easy!

## HOOD TYPE DISHWASHERS

#### NO TO LIME SCALE

De-scaling is automatic and activates by simply pressing a button. This particular innovation allows you to keep the parts in contact with the water in perfect, efficient condition as well as the heating elements. Furthermore, the rinsing nozzles, free of lime scale, guarantee perfect cleanliness and sanitisation, almost non-existent maintenance and guaranteed savings.





#### **MORE THAN YOU MIGHT IMAGINE**

The dishwasher is a perfect ergonomic machine, designed and built to make life easier for people who are busy working.

- → Display: placed in a corner to be visible at 180° and to keep a check on each stage of the washing cycle. (1)
- → The opening height is 440 mm, making it easy to insert large pots. (2)
- → The front position of the filter facilitates and speeds up extraction for cleaning operations. (3)
- → In automatic models, an LED light is positioned on the top of the frame, in order to check at a glance the stages of the wash cycle. (4)
- → Integration: air break, boiler and rinse pump are integrated into the machine. (5)
- → Automatic cleaning cycle. When the tank filter and overfull are removed, the tank is automatically emptied, as is the washing pump. (6)



# ERGONOMICS AND LOADING EASE



- → THE HEIGHT OF THE OPENING MAKES IT EASIER TO LOAD
- → THE RANGE OFFERS A SELECTION THAT MEETS EVERY NEED
- → THE RINSE QUALITY IS THE MOST DISTINCTIVE AND IMPORTANT FEATURE

Choosing Zanussi Professional ensures the best washing performance and guarantees your customers maximum hygiene.

## FRONT LOADING DISHWASHERS

#### **EXCELLENT LOAD CAPACITY**

The front loading dishwasher is an all-purpose utensil washer for plates, cutlery, cups, GN trays and kitchen utensils. The 450 mm height of the load opening facilitates the insertion of larger sized tableware. With the dual step opening you can leave the door ajar overnight. The internal runners have dual sliding to hold the 500x500 mm baskets or the larger ones which are 530x550 mm, suitable for washing kitchen utensils, trays and pizza plates with a diameter of 320 mm. The utensil washer is entirely made of stainless steel to ensure maximum reliability with dual insulated wall for noise reduction. The washing tank has a 42-litre capacity, so there is enough water for the entire intense washing stage. In the Active model, you are guaranteed maximum hygiene by

the Guaranteed Rinse System which operates at a stable temperature of 84 °C. The basic version has a traditional rinse system with a minimum rinse temperature of 82.5 °C.

The 3 different washing cycles are designed to wash any kind of tableware according to how dirty it is. All 3 cycles can be customised. The third rinse cycle can be reprogrammed to get a longer rinse, with hotter water and in compliance with HACCP parameters or crystal glass rinse at a lower temperature. The presence of the Soft Start system ensures greater protection for delicate items and greater reliability of the washing pump.



#### **COMPLETE RANGE**

- → Basic model for 1,170 dishes/ hour with traditional rinse system (pressure) and with drainage pump.
- → Active model for 1,170 dishes/ hour with Guaranteed Rinse System and drainage pump.
- → Active model for 1,170 dishes/hour with Guaranteed Rinse System, continuous water softener and drainage pump.

## UNDERCOUNTER DISHWASHERS TOP

#### STAINLESS STEEL RELIABILITY

All undercounter dishwashers guarantee excellent reliability because they are made entirely of stainless steel. The Top version includes a washing chamber moulded in stainless steel with rounded corners with no welding or joints, with fully removable filters and washing arms that guarantee easy washing. In the Active models, you are guaranteed maximum hygiene by the Guaranteed Rinse System which operates at a stable temperature of 84 °C. The Top version has 3 different washing cycles according to the kind of dishes to be washed and the level of dirtiness. All the cycles can be customised. The rinse cycle can also be re-programmed to carry out a longer rinse and with hotter

water that complies with HACCP standards or stays at a lower temperature to deal with crystal glasses, for instance. The Top version also includes the Soft Start system to offer greater protection to delicate items and increase the reliability of the washing pump. The electronic control panel with digital display allows the operator to keep all the dishwasher functions under control. A model dedicated to (600x400 mm) patisserie trays has a larger washing chamber suitable for both standard (500x500 mm) baskets, and specific (600x400 mm and 600x500 mm) ones.



#### **COMPLETE RANGE**

- → Model for 720 dishes/hour, double insulated wall with standard rinse system (pressure).
- → Two Active models for 720 dishes/hour, dual insulated wall, Guaranteed Rinse System, one of which with a rinse pump.
- → Two Active models for 720 dishes/hour, double insulated wall with Guaranteed Rinse System,
- rinse pump and continuous water softener, one of which with a detergent measurer.
- → Two models for 360 patisserie trays/hour (600x400 mm), with atmospheric boiler, dual wall, rinse pump, one of which with water softener.

# UNDERCOUNTER DISHWASHERS STANDARD

#### RINSE AT 84 °C

The undercounter dishwashers are manufactured entirely in stainless steel to guarantee maximum reliability; only the arms and washing sprays in the Standard versions are made of polypropylene, an exceptionally hygienic and resistant material.

The control panel is simply designed with a digital display which can be used to customise the washing cycle, rinse and temperature. The rinse aid and detergent quantity is defined directly by the user. The water softener models are fitted with atmospheric boiler and rinse pump to guarantee high pressure and a stable water temperature of 84°C during the rinse stage.

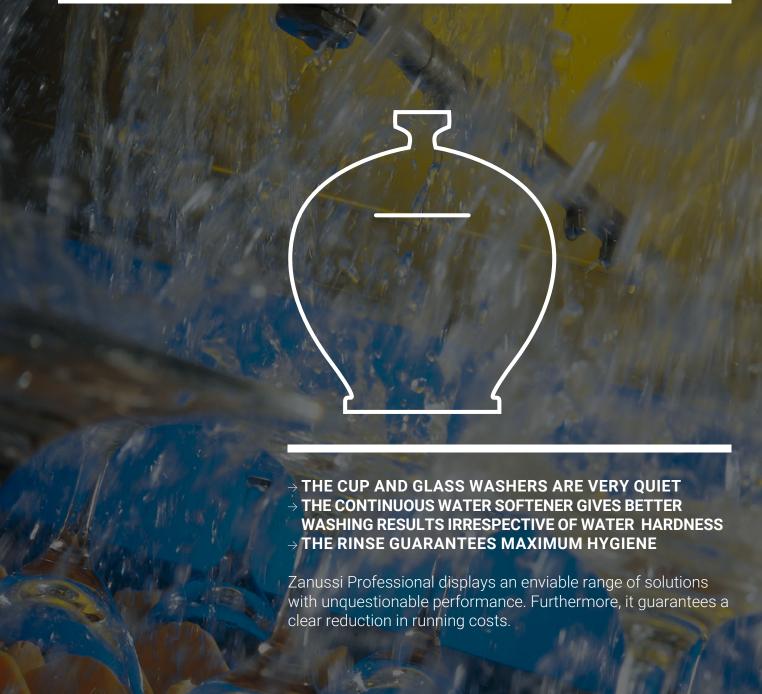
In the other models, the rinse quality is guaranteed by a pressure circuit which provides a water temperature of 82.5 °C (mains supply water at a minimum of 2 bar and 50 °C). This version has 2 washing cycles to guarantee excellent washing and rinsing performance: the first cycle of 120 seconds for quite dirty dishes and the second cycle of 180 seconds for very dirty dishes. The Standard version also includes the Soft Start system to offer greater protection for delicate items and increase the reliability of the washing pump.



#### **COMPLETE RANGE**

- → Two basic models for 540 dishes/ hour, with 2.8 or 4.5 kW boiler, single wall and two models with drain pump.
- → Two models for 540 dishes/hour with water softener, 2.8 or 4.5 kW boiler and single wall.
- → Three models for 540 dishes/hour with water softener and drainage pump, 2.8 or 4.5 kW boiler, single wall, one of which with detergent dispenser.





### **GLASSWASHERS**

#### STAINLESS STEEL RELIABILITY

The Zanussi glasswashers are ideal solutions for small/medium sized premises such as bars, pubs and cafés. The innovative technology guarantees maximum washing and rinsing performance and total hygiene thanks to the dual washing and rinse arms located both on the top and bottom. The dishwashers perform a cold rinse after the hot one, guaranteeing perfectly clean, ready-to-use glasses, which is something that is particularly appreciated for beer glasses.

They are built entirely of stainless steel to guarantee maximum reliability. The washing cycle and the double wall door guarantee low noise levels and a minimum heat dispersion from the machine even lower in the electronic double wall models.

Furthermore, they are fitted with a counterbalanced door and ergonomic handle.



#### **COMPLETE RANGE**

## Z-flex XS and S Electro-mechanical models

- → Three XS models, one standard, one with drain pump, one with drain pump and detergent dispenser.
- → Four S models, one standard, one with drain pump, one with drain pump and detergent measurer, one with drain pump, detergent dispenser and cold rinse
- → Two S double wall models, one standard and one with drain pump.

#### Z-flex S Electronic models

- → Three short S models with double wall, one standard, one with water softener and one with water softener and drain pump.
- → Seven S models with double wall, one standard, one with water softener, one with water softener and drain pump, one with water softener, drain pump and detergent dispenser, one with water softener, drain pump and rinse pump, one with water softener, drain pump and detergent dispenser, one insulated with water softener, drain pump and detergent dispenser.

## GUARANTEED RINSE SYSTEM (GRS)

#### **GUARANTEE OF A SPECIAL RINSE**

The Guaranteed Rinse System (GRS) not only offers complete tableware hygiene, but also considerable energy savings, irrespective of the water conditions. The rinse only begins when the water is at the right temperature of 84°C, while the incorporated auxiliary rinse pump provides a permanent supply of new hot water. So, even with low pressure water or incoming cold water, rinse results are always perfect.

The Active Guaranteed Rinse System has a 12 litre boiler fitted with a waiting device which guarantees that the rinse cycle starts only when the temperature of the water in the boiler is correct. During the rinse cycle, the electromagnetic valve remains closed and prevents the entry of cold water which would mix with the heated water from the boiler. The rinsing water temperature is stable, from start to finish, for all 12 seconds, and can be increased to offer greater hygiene. The auxiliary, incorporated rinse pump keeps the water pressure stable ensuring that the rinse arms rotate rapidly to remove any trace of detergent.



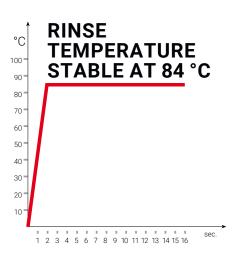
#### **ADVANTAGES OF THE GRS SYSTEM**

#### **Temperature**

- → Stable rinse temperature = guaranteed hygiene.
- → Considerable energy saving = low maintenance costs.
- → Dishes and glasses are ready to be used instantly.

#### **Pressure**

- → Thanks to the considerable water pressure, all traces of detergent are removed.
- $\rightarrow$  Excellent results guaranteed.



# CONTINUOUS WATER SOFTENER

#### A REVOLUTIONARY WATER SOFTENER

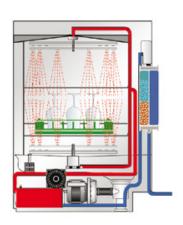
Zanussi Professional's new continuous water softener is a revolutionary system: the washing results are perfect, irrespective of how hard the water is. The continuous water softener is not an external unit but a part of the dishwasher: the washing performance is greater even in cramped spaces. It is made up of two filter elements (resins) which alternate during the machine's functioning: while one purifies the supplied water, retaining the calcium salts, the other regenerates it. The process is completely automatic and the machine "decides" when to regenerate the resins, warning the operator when the regenerating salt is about to run out. The Active

Guaranteed Rinse System provides a stable pressure of rinsing water and ensures the detergent is completely eliminated. In the traditional systems, however, the pressure relies on the external water mains supply. The salt container is located externally on the frontal part of the dishwasher and can be easily accessed without opening the door.



#### **ADVANTAGES OF WATER SOFTENER**

- → Two separate, autonomous containers (resins) = uninterrupted washing.
- → 100% of incoming water is softened = no trace of lime scale = no sign of scaling inside the boiler = reduced consumption of detergent.
- → Salt container located on the front wall = easy access without having to open the door.



# GREATER POWER AGAINST DIRT

#### COMPLETE DETERGENT REMOVAL

The Zanussi Professional dishwasher guarantees perfect washing results for any kind of utensil, cups, trays, GN containers and cutlery.

#### Washing stage

The nozzles are designed in such a way as to increase the strength and the rotating arms are positioned at the top and bottom of the washing chamber. The result being that the water jets spray all over and with such force that even the most stubborn dirt gets cleaned.

#### Rinse stage

The rinse is highly efficient and removes all the detergent from the dishes. In the Guaranteed Rinse System (GRS), the atmospheric boiler quarantees a stable water temperature, irrespective of the mains supply pressure. The incorporated rinse pump guarantees regular water pressure throughout the stage. After washing and the initial rinse, there is a 4 second pause. Thanks to this, not even one drop of water used for washing will drip onto the tableware that has just been cleaned.

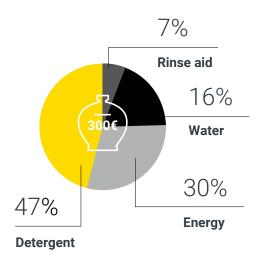


#### **SAVING OF 300 EURO/YEAR**

A perfect combination of washing performance and environmental care, guarantees a reduction in management costs for undercounter dishwashers. A total saving of up to 300 Euro\* per year thanks to water, electric energy, detergent and rinse aid savings, permanently ensuring top washing and rinsing performance.

\* comparison with standard under table model: 70 cycles per day, 300 working days, incoming water 15 °C

- → Less water consumption: 3 litres/ cycle of clean water are used for rinsing, considering entry conditions of standard water.
- → Less electric power consumption: 20-25% less water used for rinsing.
- → Less consumption of detergent and rinse aid: a smaller amount is required to obtain the same results.



## HIGH PERFORMANCE AND LOW MANAGEMENT COSTS

#### STABLE TEMPERATURE AND PRESSURE

The Zanussi Professional dishwasher guarantees perfect washing results for any kind of utensil, cups, trays, GN containers and cutlery.

#### Washing stage

Thanks to the unusual nozzle shape and rotating arms that spray water from the top and bottom of the washing chamber, the washing system ensure excellent results even in the presence of stubborn dirt. Every corner, inside the washing chamber is hit by water coming from the nozzles.

#### Rinse stage

The rinse performance is always guaranteed at a very high level, removing all the detergent from the dishes. The atmospheric boiler with Guaranteed Rinse System (GRS), quarantees a stable water temperature, (irrespective of the mains supply pressure) and the incorporated rinse pump guarantees regular water pressure throughout the stage. Thanks to the 4 seconds pause after washing and before rinsing, not even one drop of water used for washing will drip onto the tableware that has just been cleaned.

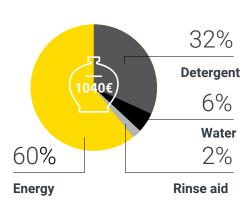


#### SOFTENED SAVING

The concrete combination of washing performance and environmental care guarantees a considerable reduction in management costs. Research, innovation and technology have a single aim, which is to save up to €1,040/year with the hood type dishwasher with Energy Saving Device.

→ Less electricity consumption: cold water from the mains supply is not heated by new energy but by

- steam recovered from the heating of the washing cycle.
- → Less consumption thanks to the efficiency of components: the automatic de-scaler acts on all the parts in contact with the water and more exposed to lime scale, such as the boiler, hydraulic circuit, resistance, washing chamber and nozzles. All the parts last longer and because they remain more efficient, consume less and require almost non-existent maintenance.



Zanussi dishwasher <u>with energy retriever</u> up to €1,040/year in savings

## **HOOD TYPE DISHWASHERS UNDERCOUNTER DISHWASHERS**



#### **AUTOMATIC VERSION**



**INSULATED MANUAL** VERSION



**MANUAL VERSION** 

#### RINSE SYSTEM

**HOOD TYPE** 

**DISHWASHERS** 

ACTIVE GRS **BOILER TYPE** BOILER POWER (KW)

#### **WASHING SYSTEM**

NO. OF CYCLES CYCLES (") CAPACITY (DISHES/HOUR) TANK (LITRES) WASH PUMP (KW)

#### CONTROL

TYPE DIGITAL DISPLAY CLEANING CYCLE SELF-DIAGNOSIS

MANUFACTURE OPTIONS NUMBER OF SPRINGS TYPE OF CEILING BACK PROTECTION PANEL

#### **PRE-HEATING**

TANK FILTER

YES ATMOSPHERIC

45"/ 57"- 84"-150" - INF. 1134 - 1440 8,0

ELECTRONIC YES YES

AUTOMATIC INS. DOUBLE WALL

INCLINED DRIP-PROOF GALVANISED STAINLESS STEEL

BOILER

ADVANCED

YES ATMOSPHERIC

45"/ 57"- 84"-150" - INF. 1134 - 1440 8,0

ELECTRONIC YES YES YES

INSULATED DOUBLE WALL

INCLINED DRIP-PROOF GALVANISED STAINLESS STEEL

BOILER

ADVANCED

ATMOSPHERIC

45"/ 57"- 84"-150" - INF. 1134 - 1440 8,0

ELECTRONIC YES YES

SINGLE WALL

GALVANISED STAINLESS STEEL

BOILER

BASE



### **TOP VERSION**



YES

#### **ACTIVE TOP VERSION WITH WATER SOFTENER**



**TOP VERSION** 



**STANDARD VERSION** 

OPZIONALE

4.5 OR 2.8

2 120"-180"

540

33

PRESS. OR ATMOSPH



YES

YES

360

16.5

YES

#### ATISSERIE TRAY VERSION

**ATMOSPHERIC** 

60"-120"-180"-300"

#### RINSE SYSTEM

ACTIVE GRS RINSE PUMP **BOILER TYPE** BOILER POWER (KW)

UNDERCOUNTER

**DISHWASHERS** 

#### **WASHING SYSTEM**

NO. OF CYCLES CYCLES (")
CAPACITY (DISHES/HOUR)
CAPACITY (TRAYS/HOUR) TANK (LITRES)

#### CONTROL

TYPF DIGITAL DISPLAY **FAULT DIAGNOSIS** 

#### MANUFACTURE

NOISE-PROOF INSULATED WALLS MOULDED TANK WASHING ARMS RINSE ARMS COUNTERBALANCED DOOR

## **ACTIVE**

YES YES **ATMOSPHERIC** 

90"-120"-240" 720

23 **ELECTRONIC** 

YES

YES

YES

YES YES STAINLESS STEEL STAINLESS STEEL YES **ATMOSPHERIC** 90"-120"-240" 720

23 **ELECTRONIC** YES YES

YES YES STAINLESS STEEL STAINLESS STEEL YES

NΟ NO **PRESSURE** 

90"-120"-240" 720

23

YES

YES

**ELECTRONIC** 

YES YES YES

STAINLESS STEEL

STAINLESS STEEL

PLASTIC

NO

**ELECTRONIC** YES NO

NΩ NΩ **PLASTIC**  YES

YES YES STAINLESS STEEL PLASTIC YES

**ELECTRONIC** 

## FRONT LOADING DISHWASHERS **GLASSWASHERS**



#### **FRONT LOADING ACTIVE DISHWASHERS**

#### **STANDARD VERSION**

#### RINSE SYSTEM

ACTIVE GRS RINSE PUMP BOILER POWER (KW)

#### **WASHING SYSTEM**

NO. OF CYCLES CYCLES (")
CAPACITY (DISHES/HOUR) TANK (LITRES)

#### CONTROL

TYPE DIGITAL DISPLAY FAULT DIAGNOSIS

#### MANUFACTURE

NOISE-PROOF INSULATED WALLS WASHING ARMS RINSE ARMS COUNTERBALANCED DOOR

YES YES

55"-90"-300" 1170 42

**ELECTRONIC** 

YES YES

YES STAINLESS STEEL STAINLESS STEEL NO NO 9

55"-90"-300" 1170 42

ELECTRONIC YES YES

YES

STAINLESS STEEL STAINLESS STEEL YES



Z-XS



120'

NO

NO

YES



NO

NO

120'

**DUAL WALL** 



Z-S DUAL WALL SHORT\* ELECTRONIC

ONLY SELECTED MODELS

YES



**Z-S DUAL WALL** ELECTRONIC

ONLY SELECTED MODELS

YFS

#### RINSE SYSTEM

**GLASSWASHERS** 

WITH WATER SOFTENER NO COLD RINSE OPTION

#### **WASHING SYSTEM**

NO. OF CYCLES CYCLES (")

#### CONTROL

TYPE

#### MANUFACTURE WASHING ARMS

RINSE ARMS MOULDED WASHING TANK INSULATED WALLS COUNTERBALANCED DOOR

#### **BASKETS**

350 MM SQUARE 380 MM SQUARE 400 MM SQUARE 350 MM ROUND 380 MM ROUND 400 MM ROUND

NO

120'

NO

YES

ELECTRO-MECHANICAL

STAINLESS STEEL

STAINLESS STEEL

ONLY SELECTED MODELS

ONLY SELECTED MODELS

ELECTRO-MECHANICAL

ELECTRO-MECHANICAL

STAINLESS STEEL

STAINLESS STEEL YES

ELECTRONIC

120"/300"/120"

STAINLESS STEEL STAINLESS STEEL YES YES

STAINLESS STEEL STAINLESS STEEL YES YES

120"/300"/120"

ELECTRONIC

YES YES NO YES

NO

STAINLESS STEEL ΝO YES NΩ NO YES

STAINLESS STEEL

NΩ NΩ YES NO NΩ YES

YES

NΩ NO YES NO NΩ YES

NΩ NO YES NO NO

YES

21 / DISHWASHER

## EASY IDENTIFICATION: EACH FUNCTION HAS ITS OWN COLOUR

The accessories meet all loading requirements. Ergonomic, coloured for immediate recognition, functional.



500x500x190 mm all-purpose basket



Basket for 48 cups



Basket for 18 flat plates



Basket for 25 beer glasses, height: 170 mm



Basket for 12 soup plates



Basket for large plates, diameter: 320 mm



Basket for trays



Basket for cutlery



**Cutlery container** 

Keeps performance levels of your dishwasher at the highest level with original water treatment.



Manual external water softener 12 litres



Manual external water softener 8 litres



Reverse osmosis filter

