

Dishwashing



Fagor Industrial



Santxolopetegi Auzoa, 22
17 Posta Kutxa
20560 OÑATI (GIPUZKOA)
SPAIN
PH. (34) 943 71 80 30
FAX (34) 943 71 81 81
www.fagorindustrial.com



Dishwashing



Fagor Industrial

FAGOR INDUSTRIAL

MCC GROUP



Fagor Industrial first saw the light of day in **1960** as another department of what is today known as Fagor Electrodomésticos (the household appliance division). The company known as Fagor Industrial Sociedad Cooperativa split from the parent company in 1974 and moved its headquarters from Mondragón to Oñati, which is where they are still to be found today.

We are currently one of the leading European companies in the manufacturing of a complete range of equipment for the hotel and restaurant industry. Our catalogue of products includes **cooking equipment, dishwashers, professional laundry equipment, commercial refrigeration** and **combined steam-convection** ovens, thus becoming one of the most outstanding, wide-range suppliers on the international scene.

At present, Fagor Industrial has **10 manufacturing plants** between those in Spain [5], France, Italy, Poland, Turkey and Mexico. Moreover, it has **35 sales offices** in a total of 17 countries and distribution offices in a further **85 countries** spread around the 5 continents.



The **MCC Group**, a cooperative corporation to which Fagor Industrial belongs, is the leading business group in the Basque Country, and is the seventh biggest enterprise in Spain. It is made up of **260 companies**, many of which are **leaders** in their respective sectors. The group employs some **80,000 people**.

From the very beginning, among the **values** that have distinguished MCC cooperatives from enterprises of other legal forms, apart from the policy of continuous innovation and client-oriented philosophy, have been their social responsibility with respect to the environment, the creation of decent employment and the share of working parties in the returns, not to mention their participation in the management of the cooperative.

The MCC Group registered a turnover of €11,859 million in 2005, having increased its number of employees from 28,000 in 1995 to 78,500 in a mere 10 years.



DISHWASHING RANGE



The Fagor Industrial range of Dishwashers includes small glass washers for bars, cafés or small restaurants to large industrial sized models capable of dealing with up to 6,000 dishes/hour.

Below we present our range of **glass washers, front loading dishwashers, commercial pass through dishwashers and compact dishwashers**, as well as the **Clinic Line** and **ECO** series, in addition to all of the accessories available for dishwashers with capacities of up to **2,000 dishes/hour**.

All of our equipment is designed to **improve** hygiene conditions: the exteriors of the appliances are finished with an extra-fine polish and do not have sharp edges, while all interior angles are rounded off, thus avoiding pockets of dirt, eliminating odours while at the same time ensuring the complete emptying of the tank and excellent waste filtration.

Moreover, if your company requires equipment with higher productivity rates, please do not hesitate to ask us for the relevant catalogue.

GLASS WASHERS

Fagor glass washers come in three different models in order to adapt to different capacities and various crockery and cutlery sizes. Acknowledged for their optimum performance levels and functionality, they possess the following characteristics:



LVC-12



LVC-15



LVC-21

- Made of AISI-304 stainless steel
- Round tank with tilted bottom to facilitate cleaning and draining
- Stainless steel treated heating resistors both in the tank, as well as in the rinsing drum
- Thermostatic control of temperatures: washing to 60° C and rinsing to 90° C
- Safety thermostat (LVC-15 and LVC-21 models)
- Adjustable drum thermostat
- Built-in **rinse dispenser**
- Upper and lower, double spin washing and rinsing system
- User adjustable, cold rinse time in those models that come with the cold rinse feature (LVC-15 and LVC-21 models)
- User adjustable washing time

OPTIONS		AVAILABLE FOR MODELS
D	Built-in delimer with automatic regeneration programme	LVC-15 LVC-21
AR	Built-in check valve	LVC-21
B	Motor driven drainage pump with total drainage programme Fixed 2-minute cycle	LVC-21

MODEL	Dishes up to 19 cm ø	Dishes up to 27 cm ø	Pieces	Tank capacity (litres)	Tank washing power (kw)	Basket (mm)	Water consumption (l/cycle)	Drum rinse power (kw)	Cycle time (sec.)	Motor driven pump (kw)	Maximum power (kw)	DIMENSIONS		
												Length (mm)	Depth (mm)	Height (mm)
LVC-12	300		1,200	11	1	350x350x110	2	2.4	120" Adjustable	0.29	2.6	430	475	650
LVC-15	300		1,500	11	2	350x350x110	2	2.4	120" Adjustable	0.29	2.6	430	475	650
LVC-15 D	300		1,500	11	2	350x350x110	2	2.4	120" Adjustable	0.29	2.6	430	475	650
LVC-21	360	300	2,100	15	2	400x400x140	2.5	2.8	120" Adjustable	0.29	3	470	520	720
LVC-21 B	360	300	2,100	15	2	400x400x140	2.5	2.8	120" Fixed	0.29	3.1	470	520	720
LVC-21 D	360	300	2,100	15	2	400x400x140	2.5	2.8	120" Adjustable	0.29	3	470	520	720
LVC-21 AR	360	300	2,100	15	2	400x400x140	2.5	2.8	120" Adjustable	0.29	3.1	470	520	720



New, **filtering system**: The height of the filter has been increased by 30% in order to avoid any **food particles** getting through to the drain or the pump. Moreover, the drain leads outside the machine, thus facilitating cleaning.



All models are fitted with two washing arms, one on top and at the bottom.



The element in the tank (as well as the one in the drum) directly heats the water inside.



All glass washers are fitted with at least two square baskets and a cutlery holder.

Easy to remove front panel.



Detailed view of the different rinsing jets.

FRONT LOADING DISHWASHERS

Classic opening dishwasher, with numerous optional features to choose from, more user friendly and advanced features, such as the double filtering system, a series feature in all FI-48 and subsequent models. Moreover, all machines come with the easy-to-fit detergent feed kit.

Main characteristics:

- Made of AISI-304 stainless steel
- Round tank with tilted bottom to facilitate cleaning and draining
- Stainless steel treated heating resistors in the tank
- Stainless steel treated heating resistors in the rinsing drum
- Thermostatic control of temperatures: washing to 60° C and rinsing to 90° C
- Safety thermostat
- Adjustable drum thermostat
- Built-in **rinse dispenser**
- Upper and lower, double spin washing and rinsing system
- Safety switch and door side securing straps
- 25-litre capacity tank
- Two fixed washing programmes in the FI-48 and FI-64 models. In the case of the FI-30 model, the user can adjust washing time from 0 to 4 minutes

OPTIONS		AVAILABLE FOR MODELS
D	Built-in delimer with automatic regeneration programme	FI-48 FI-64
AR	Built-in check valve	FI-48 FI-64
B	Motor driven drainage pump with total drainage programme Fixed 2-minute cycle	FI-48 FI-64
ARB	Fitted with motor driven draining pump and check valve	FI-48 FI-64
DD	Detergent feed option	FI-48 FI-64



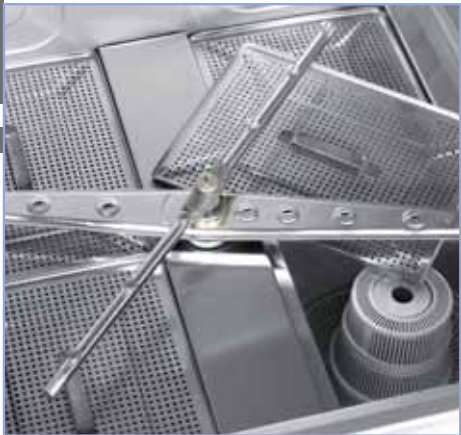
FI-30



FI-48
on base support



FI-64



Double filtering system (trays + filter inside the tank) in **FI-48** and **FI-64** models.



Easy-to-fit detergent feed kit suitable for all models.



Base support for all models, capable of holding three baskets.



Capable of handling 32cm dishes, 500 x 500 mm baskets.

Moreover, among the front loading dishwasher models we also have the FI-72's, which are specially designed to wash trays, given its increased height and bigger door. In addition to possessing the features of the rest of the front loading dishwashers, they are also fitted with two thermometers (for wash and rinse water temperatures). The FI-72's can handle 46-cm self- service trays, or 42 cmø dishes.

FI-30: Detailed view of the washing and rinsing system.



FI-48 - FI-64: Detailed view of the washing and rinsing system.



MODEL	Dishes up to 19 cmø	Dishes up to 32 cmø	Pieces	Tank capacity (litres)	Tank washing power (kw)	Water consumption (l/cycle)	Drum rinse power (kw)	Cycle time (sec.)	Motor driven pump (kw)	Maximum power (kw)	DIMENSIONS		
											Length (mm)	Depth (mm)	Height (mm)
FI-30	360	220	360	25	2.8	2.7	2.8	240" Adjustable	0.59	3.45	600	600	820
FI-48	540	330	540	25	2.8	2.7	2.8	120" - 180"	0.59	3.45	600	600	820
FI-48 B	540	330	540	25	2.8	2.7	2.8	120" - 180"	0.59	3.52	600	600	820
FI-48 D	540	330	540	25	2.8	2.7	2.8	120" - 180"	0.59	3.45	600	600	820
FI-48 AR	540	330	540	25	2.8	2.7	2.8	120" - 180"	0.59	3.45	600	600	820
FI-64	720	440	720	25	2.8	2.7	6	90" - 180"	0.59	6.65	600	600	820
FI-64 B	720	440	720	25	2.8	2.7	6	90" - 180"	0.59	6.72	600	600	820
FI-64 AR	720	440	720	25	2.8	2.7	6	90" - 180"	0.59	6.65	600	600	820
FI-72	720	440	720	25	2.8	2.7	6	90" - 180"	0.59	6.65	600	600	1200



FI-72

COMMERCIAL PASS THROUGH DISHWASHERS

Our electrically operated commercial pass through dishwasher stands out not only for its power, but also for other practical features such as the detergent feed installation, or the dishwasher's direct frontal access to the to the springs and the hood washing shaft, without any need to remove the back panels.



FI-80

Main characteristics:

- Made of AISI-304 stainless steel
- Round tank with tilted bottom to facilitate cleaning and draining
- Powerful, stainless steel treated heating resistors in the washing tank
- Stainless steel treated heating resistors in the rinsing drum
- Filter trays in the washing tank
- Inside drain filter
- Thermostatic control of temperatures: washing to 60° C and rinsing to 90° C
- Temperature or heating indicators, depending on the model
- Safety thermostat, both for washing, as well as for rinsing
- Built-in **rinse dispenser**
- Upper and lower, double spin washing and rinsing system, with two independent motor driven pumps in FI-100 and FI-120 models
- Hood opening magnetic micro-switch.
- Adjustable feet
- Removable front panel, which facilitates access to hood lifting springs and the washing shaft.



FI-100
FI-120

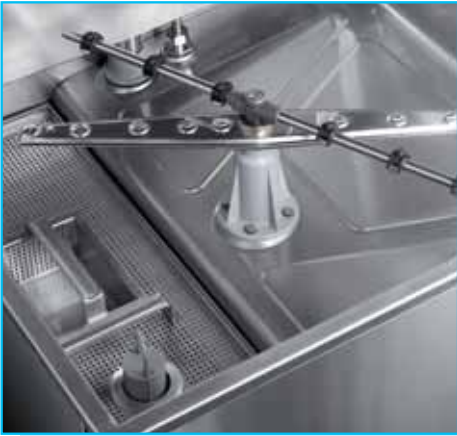
OPTIONS		AVAILABLE FOR MODELS
B	Motor driven drainage pump with total washing tank drainage programme	FI-100 FI-120
AR	Fitted with check valve	FI-80 FI-100 FI-120

MODEL	Dishes up to 19 cmø		Pieces	Tank capacity (litres)	Tank washing power (kw)	Water consumption (l/cycle)	Drum rinse power (kw)	Cycle time (sec.)	Motor driven pump (kw)	Maximum power (kw)	DIMENSIONS		
		to 32 cmø									Length (mm)	Depth (mm)	Height (mm)
FI-80	800	440	800	45	4.5	3	6	90°-180°	0.59	11.1	675	675	1,400
FI-80 AR	800	440	800	45	4.5	3	6	90°-180°	0.59	11.1	675	675	1,400
FI-100	900	528	900	45	4.5	3	9	55°-75°-120°-Continuous	1.18	14.7	675	675	1,400
FI-100 B	900	528	900	45	4.5	3	9	55°-75°-120°-Continuous	1.18	14.7	675	675	1,400
FI-100 AR	900	528	900	45	4.5	3	9	55°-75°-120°-Continuous	1.18	14.7	675	675	1,400
FI-120	1,200	660	1,200	45	4.5	3	12	55°-75°-120°-Continuous	1.18	17.7	675	675	1,400
FI-120 B	1,200	660	1,200	45	4.5	3	12	55°-75°-120°-Continuous	1.18	17.7	675	675	1,400
FI-120 AR	1,200	660	1,200	45	4.5	3	12	55°-75°-120°-Continuous	1.18	17.7	675	675	1,400

Easily removable, self-compensating hood.



FI-80: Detailed view of the washing and rinsing system.



FI-100 and FI-120: Details of the washing and rinsing system.

COMPACT DISHWASHERS

These little giants are capable of washing from 1,600 to 2,000 dishes an hour, and can be fitted with a drying tunnel and a vapour condenser, in addition to a wide range of input and output tables, which endows the unit with a tremendous, high-quality washing capacity, while taking up the minimum of space.

Main characteristics:

- Made of AISI-304 stainless steel
- 50-litre washing tank
- In-built filter trays
- 9 kw, stainless steel treated heating resistors in the washing tank
- Stainless steel treated heating resistors in the rinsing drum (27 kw).
- Thermostatic control of temperatures: washing to 60° C and rinsing to 90° C
- Thermometers for wash and rinse water temperatures
- Safety thermostat
- Magnetic micro-switch for washing, rinsing and door-opening
- 2 x 600 W, upper and lower, washing motor driven pumps



FI-160
FI-200



OPTIONS		AVAILABLE FOR MODELS
H	34.5 kw drum instead of a 27 kw one	FI-200

MODEL			WASHING		RINSING						Maximum power (kw)	DIMENSIONS		
	1st Speed (baskets/hour)	2nd Speed (baskets/hour)	Tank capacity (litres)	Pump power (kw)	Heating power (kw)	Water consumption (l/cycle)	Drum rinse capacity (litres)	GA-40 Tank (litre)	Motor driven pump (kw)	Motor reducing power (kw)		Length (mm)	Depth (mm)	Height (mm)
FI-160	90	-	50	1.18	9	450	25	40	27	0.12	37.5	1,430	780	1,580
FI-200	85	110	50	1.18	9	450	25	40	27	0.18	37.5	1,430	780	1,580
FI-200 H	100	150	50	1.18	9	450	25	40	34.5	0.18	47.1	1,430	780	1,580



The anti-splash module at the opening is a common feature of all models.



Double wall of curtains at entry and exit, as well as interior area separators.



Energy-saving system that halts operation in the event of not detecting baskets passing through.



Compact rack conveyor unit design in reduced space.

ECO DISHWASHERS

The highest-capacity commercial pass through dishwasher (FI-120), as well as all compact models (FI-160, FI-200 and FI-200 H) are also available in a gas version. These are our ECO, so-called on account of their Economic and Ecological benefits. They are fitted with an external gas generator for hot water that affords the user numerous advantages:

Saving: up to 80% saving.

Ecology: Up to 100% reduction of contaminating waste emissions.

Speed: System time setting is reduced by 40%.

Versatility: Multi-gas: natural, butane, propane...



The saving made on an ECO dishwasher will see you recover your investment in less than three years.

MODEL	Dishes up to 19 cmø	Dishes up to 32 cmø	Pieces	Tank capacity (litres)	Tank washing power (kw)	Water consumption (l/cycle)	GA-20 power (kcal)	Cycle time (sec.)	Motor driven pump (kw)	Maximum power (kw)	DIMENSIONS Length (mm) Depth (mm) Height (mm)
ECO-120	1,200	660	1,200	45	2.8	3	20,000	55"-75"-120"-Continuous	1.18	5.8	675 675 1,400
ECO-120 B	1,200	660	1,200	45	2.8	3	20,000	55"-75"-120"-Continuous	1.18	5.8	675 675 1,400

MODEL			WASHING		RINSING							DIMENSIONS		
	1st Speed (baskets/hour)	2nd Speed (baskets/hour)	Tank capacity (litres)	Pump power (kw)	Heating power (kw)	Water consumption (l/cycle)	GA-40 Tank (litre)	Rinse power (Gas) (kcal)	Motor driven pump (kw)	Motor reducing power (kw)	Maximum power (kw)	Length (mm)	Depth (mm)	Height (mm)
ECO-160	90	-	50	1.18	27	400	40	40,000	0.26	0.12	10.7	1,430	780	1,580
ECO-200	85	110	50	1.18	27	400	40	40,000	0.26	0.18	10.7	1,430	780	1,580
ECO-200 H	100	150	50	1.18	34.5	400	40	40,000	0.26	0.18	10.7	1,430	780	1,580

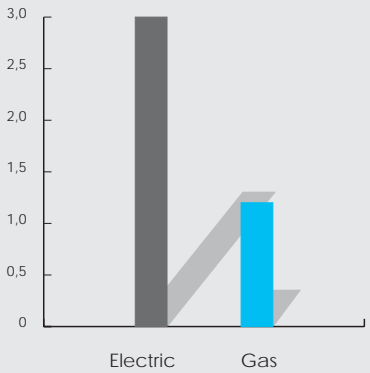
ECO-120 Generators	Production (litres/hour)	Gas power (kcal/h)	Length (mm)	DIMENSIONS Depth (mm)	Height (with chimney) (mm)	Height (without chimney) (mm)
GA-20	20	20,000	550	585	2,000	715
GA-20 D	20	20,000	500	585	2,000	715
GA-40	40	40,000	687	585	2,000	715
GA-40 D	40	40,000	687	585	2,000	715



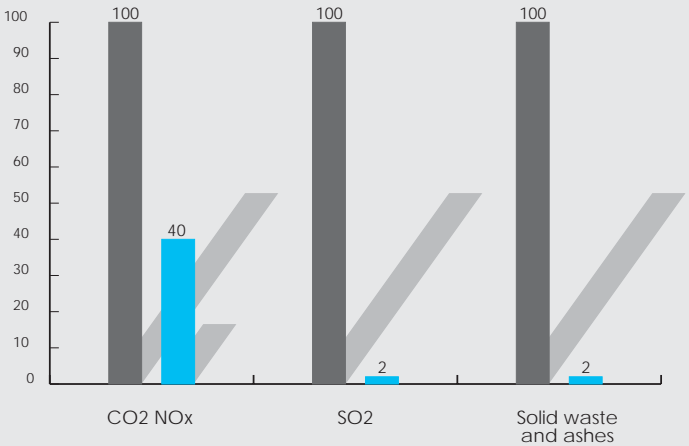
ECO-120

REDUCED ENERGY CONSUMPTION

For every therm (useful thermal energy unit) 3 primary energy units (electricity) are consumed, as compared with only 1.25 of primary energy units (gas).



REDUCTION OF CONTAMINATING WASTE EMISSIONS



■ Electric
■ Gas

HY DISHWASHERS

FI-48, FI-64 and FI-120 dishwashers include a specially designed version for more demanding environments, where hygiene is a top priority. For such places, FAGOR has come up with the HY version, also called the "Clinic Une", which is fitted with a system that ensures that the rinsing temperature does not fall under 83° C at any time.

Its main additional features are as follows:

- Independent rinse pump to guarantee proper rinsing pressure, blocking the entry of water into system during the rinsing cycle.
- "Thermostop" system: rinsing does not begin until a temperature of 83° C has been reached.
- Break-tank system to ensure that the water does not return to the washing circuit.
- Analogical thermometers to read washing and rinsing temperatures.
- Double feed unit (detergent + whitener).



FI-48 HY



FI-64 HY



FI-120 HY

MODEL	Dishes up to 19 cmø	Dishes up to 32 cmø	Pieces	Tank capacity (litres)	Tank washing power (kw)	Water consumption (l/cycle)	Drum rinse power (kw)	Cycle time (sec.)	Motor driven pump (kw)	Maximum power (kw)	DIMENSIONS		
											Length (mm)	Depth (mm)	Height (mm)
FI-48 HY	540	330	540	25	2.8	2.7	2.8	120"-180"	0.59	3.52	600	600	820
FI-64 HY	720	440	720	25	2.8	2.7	6	90"-180"	0.59	6.72	600	600	820
FI-120 HY	1,200	660	1,200	25	4.5	3	12	55"-75"-120"-Continuous	1.18	17.7	675	675	1,400

ACCESSORIES

We provide a wide range of **tables, sinks, base supports** and **baskets** all of which are available for our dishwasher models.

Front-loading Dishwashers

Front-loading dishwashers can be placed onto a specially designed **base support**. They can also be positioned under a sink or under a counter in specially designed housing to accommodate them.



Tables for Commercial pass through Dishwashers

We have flat table models with and without a bottom shelf (to house an ECO generator); models that come with a sink, with a hole for waste, or with both, as well as models with guides for baskets. All models with a sink come with an in-built flexible shower tap.

Tables with Compact Dishwasher Elements

Compact dishwashers provide numerous solutions that enable the fitting of same with automated tables, or ones with rollers, tables at 90° C or 180° C angles, straight or angled basket loaders, flat pre-wash tables, with sink, with a hole for waste, or with both (all models that come with sink are also fitted with a flexible shower tap), automated exit curves and roller transport elements.



Large Capacity Dishwashers

F a g o r I n d u s t r i a l



Large Capacity Dishwashers



F a g o r I n d u s t r i a l

"At Fagor Industrial we are so confident
about our work, and especially about our
equipment, that we let you see right inside"





50 YEARS. MORE THAN 100 COUNTRIES. FIVE CONTINENTS. THESE ARE THE FIGURES THAT SUM UP THE DEVELOPMENT OF OUR COMPANY.

To be the no. 1 manufacturer of catering equipment. That is our goal.
Through hard work. By innovating in our four specialist areas: cooking, dishwashing,
refrigeration and laundry. More and more specialised.

Almost 50 years of constant progress. Member of the Mondragón Corporación
Cooperativa (MCC), one of the major European groups, with more than 70,000
employees and a turnover of over 10,000 million euros. This encourages us
to continue improving.

Moreover, our own international experience over the last 30 years.
Our presence in 100 countries on 5 continents. Our aim:
to sell 48% of our total production abroad. With sales delegations
in France, Italy, United Kingdom, Germany, Holland, Turkey, United States, Mexico,
Colombia, China and Australia. All these factors encourage us to continue growing.



WE LET YOU SEE INSIDE THE WASHING SYSTEM IN OUR DISHWASHERS BECAUSE
SUCH A PRECISE SYSTEM SHOULD NEVER BE HIDDEN FROM VIEW.



DISHWASHING

In the catering world, spotless dishes are the best form of introduction. At Fagor Industrial we are aware of that. For that reason, we have not spared any effort in order to offer you an extraordinary line of great dishwashing machines.

Machines manufactured in accordance with the strictest rules of excellence. Applied throughout the production process. From the choice of materials, right down to the very last detail. With controls that guarantee durability, sturdiness, reduction in consumption and environmental friendliness at all times.

We would like to introduce you to our MODULAR CONVEYOR DISHWASHERS and FLIGHT DISHWASHERS. Fully-reliable machines capable of handling high washing volumes.

Maximum efficiency in the washing process:

- Built in AISI-304 (18/10) stainless steel.
- Machines that provide higher output rates by adding different modules: pre-washing, washing and double rinsing.
- Models prepared for standardised baskets measuring 500 x 500 mm.
- Output of up to 305 baskets/hour.
- ECO models equipped with hot water or gas generator. They reach their operating temperature very quickly, thereby reducing energy consumption and costs and are fitted with a motor pump for rinsing water.
- Anti-splash elements at the inlet to the machine.
- Pre-rinsing area in all models and versions.
- Control panel and electrical switchgear built into the front of the machine to facilitate handling. Designed to prevent water from reaching electrics.
- Counterweighted doors that allow total access to the interior of the different modules and easy operation.
- Double insulation wall on the front of the machine in order to reduce sound levels.
- Pre-washing and washing tubs with double filtration system: perforated trays and filter with overspill.
- Independent motor pumps for upper and lower washing arms.
- Washing and rinsing tanks with rounded angles to facilitate cleaning.
- Double filter for making the washing system more efficient.

- Drain placed in the ideal position for optimum operation.
- Double inner curtains that separate the different areas of the machine from one another.
- Pre-washing and washing arms that can be removed and disassembled easily for cleaning.
- Upper and lower stainless steel arms for pre-rinsing and rinsing.
- Adjustable washing and rinsing thermostats, adjusted to 60°C (washing) and 90°C (rinsing).
- Correct washing temperature indicators.
- ANALOGUE washing and rinsing temperature indicator with the choice of TWO OPERATING SPEEDS.
- Electromagnetic microswitches for closing doors and rinsing operation.
- Basket detection economiser system which stops the machine when there are no baskets within the interior.
- Optional accessory modules: for the condensation of steam for final drying.
- Optional energy recovery element which reduces consumption in heating and allows faster temperature recovery.

Safety:

- Conveyor dishwashers are fitted with devices to **stop operation** at both ends in order to avoid accidents.
- Conveyor lock protection system at the outlet.
- **Clutch system** to avoid breakages in the case of jamming.
- **Safety thermostatic** limiter in the boiler.



WE ARE OPEN IN EVERYTHING WE DO AND THIS HAS LED TO OUR OBTAINING THE MOST PRESTIGIOUS QUALITY CERTIFICATIONS.



QUALITY AND RELIABILITY

Choose a Fagor Industrial dishwasher and you can forget about your problems. That's why our customers on five continents rely on us. Because we comply with the strictest international standards. We have had the **ISO 9001:2000 CERTIFICATE** since 1991. This represents the endorsement of our advanced design process and our exhaustive production control. Moreover, the ISO certificate demands a high degree of professionalism in our staff.

We also have the **IQNET** certificate. The **INTERNATIONAL QUALITY CERTIFICATE** is a certificate recognised all over the world and establishes strict standards of excellence. It guarantees the quality of all the products that bear its name. And it ensures that the ISO 9001 standards are complied with.

Another guarantee of our quality are the materials we use. **AISI-304 (18/10)** stainless steel guarantees that our equipment remain in perfect condition for long periods of time.



THE BEST WAY TO DEMONSTRATE THE SIMPLICITY OF OUR DISHWASHERS IS TO
ALLOW YOU TO SEE WHAT IS GOING ON INSIDE.



Easy to use and totally hygienic. These are the features that characterise our dishwashers.

They are designed to offer perfect **accessibility**:

- Access from the front makes it easier to carry out repair work.
- Easily-accessible controls on top of the machine, next to the temperature indicators.
- Easy access to the water, electricity and drain inlets.
- Large access doors to filters and drains.



Ultimately, they have been designed for simple, hygienic cleaning, avoiding any kind of problem.

Our dishwashers are designed down to the last detail to offer impeccable cleanliness inside and out.



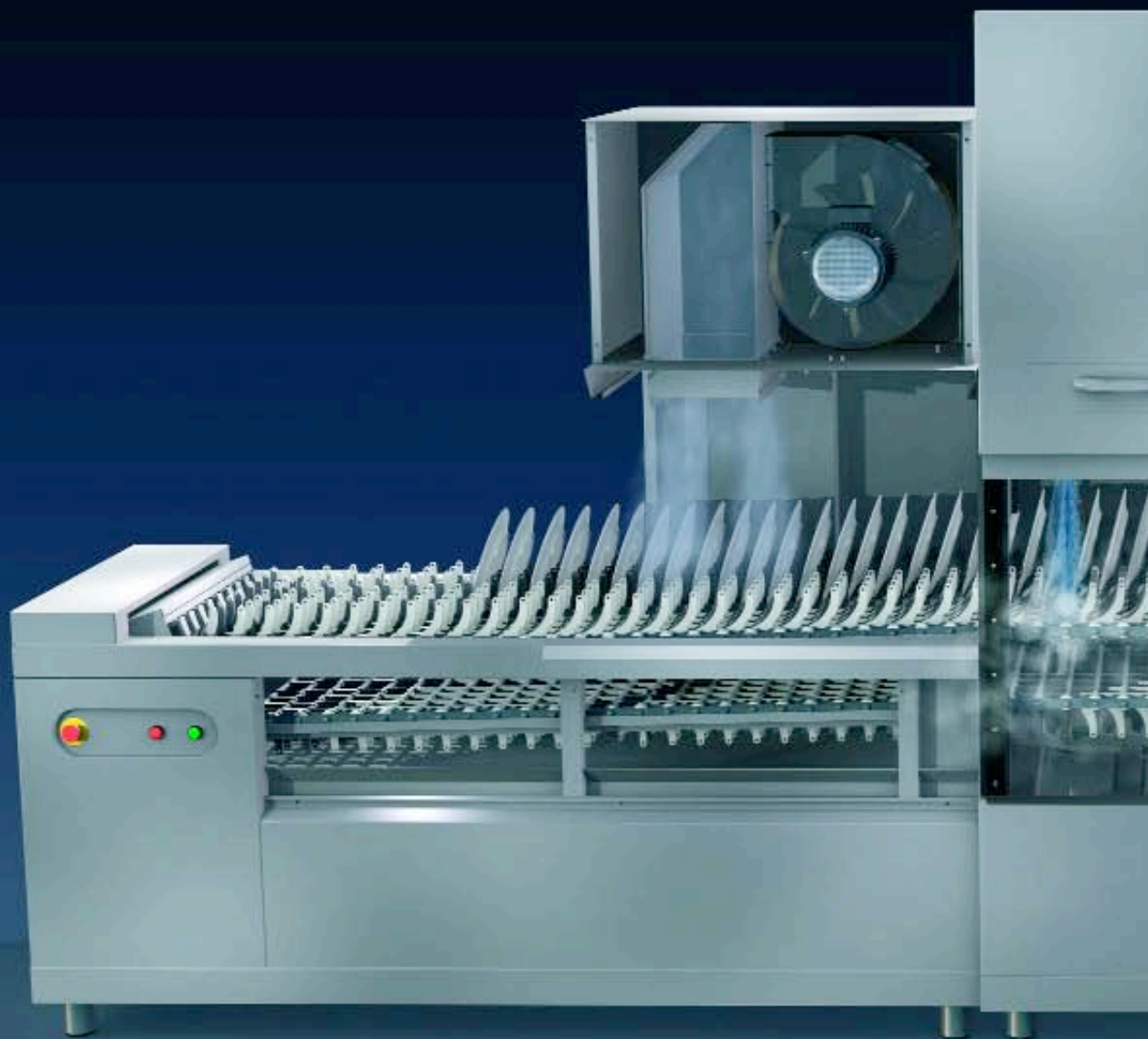
Inner hygiene:

- Wash tanks with rounded edges to prevent dirt from accumulating.
- Double filter that can be removed easily to keep the water clean for longer.
- Stainless steel washing arms which are easy to remove for cleaning.
- Slanting base to facilitate drainage.
- Stainless steel, easy to clean nozzles for the second rinsing.

Outer hygiene:

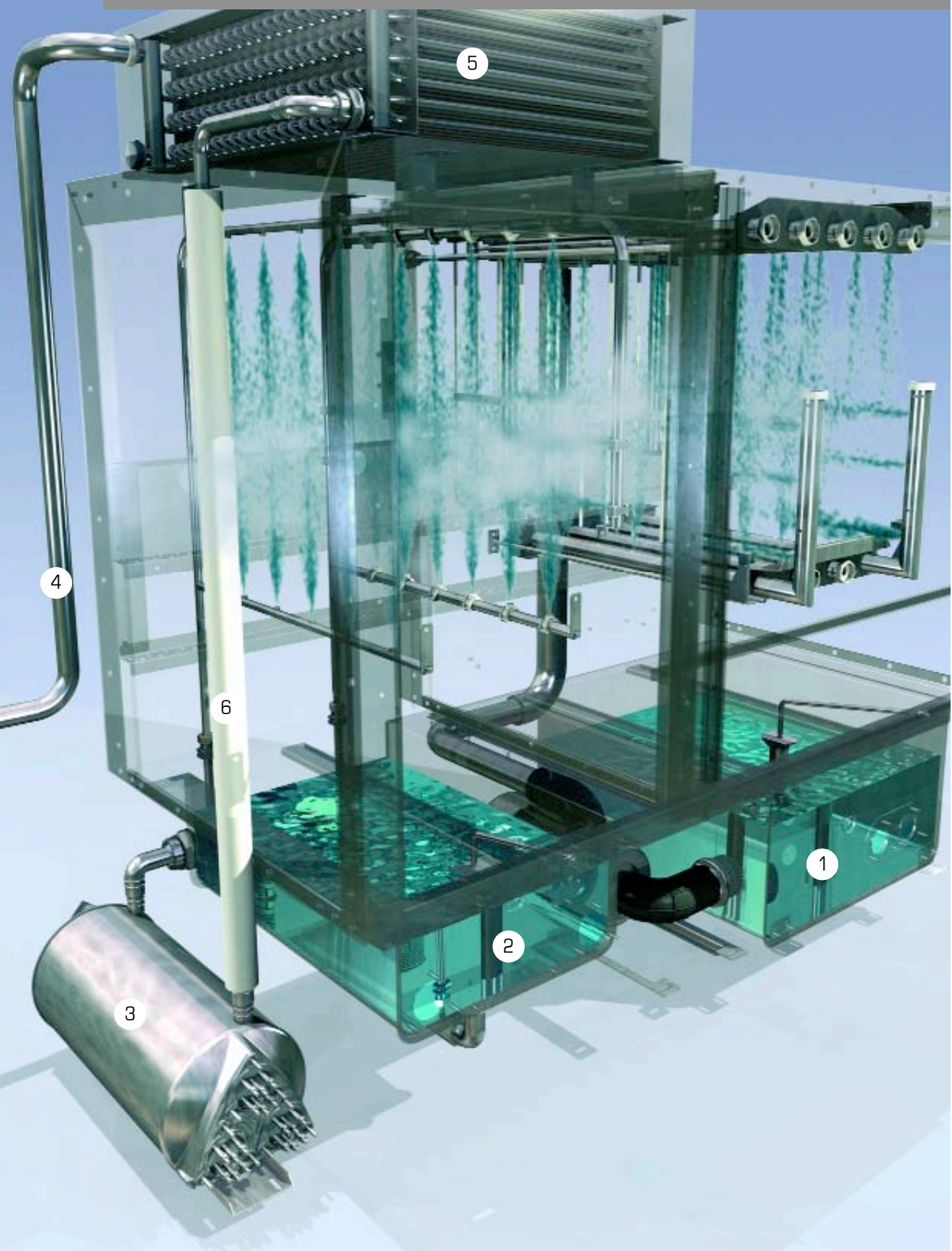
- In Fagor Industrial dishwashers there are no visible external welds or bolts. The detector microswitches are magnetic, with no need for holes.
- The machines are given an extra-fine polish to avoid the adherence of dirt and to facilitate cleaning.

PRECISION AND PERFECTION, SEE IT TO BELIEVE IT.





ONLY AN INNOVATING AND ECONOMICAL SYSTEM LIKE THIS ONE COULD OFFER INTELLIGENT SAVING.



In addition to safety, accessibility and maximum efficiency, dishwashers offer **intelligent saving**.
A reduction in energy consumption. Lower water consumption. And environmentally friendly.

The energy recovery device:

As an option, our dishwashers can be fitted with a condenser unit which absorbs the heat generated inside, increasing water temperature to between 20 and 25°C **without increasing consumption**. Thus, the first rinsing operation takes place at a temperature of 60°C-70°C and in the second, the water has a temperature of between 80°C-90°C.

This optional condenser, located above the dishwasher conveyor, does not require a longer conveyor and provides better rinsing, at a higher temperature, and with improved hygiene levels. All of these features guarantee **cost per plate savings in the electricity bill, and a considerable reduction in the consumption of water and air conditioning, as the premises never reach the high temperatures expected otherwise**.

The new double rinsing system:

This is an innovating system that consists of

using hot water from the rinsing operation for the washing process, thereby reducing the expenditure in water, electricity (by avoiding the need to heat the water twice) and the consumption of detergent and rinse aid. In this way, double rinsing is possible, lowering water consumption by 50%.

Ecological saving:

Meanwhile, thanks to this intelligent saving, there is less contamination of the waste water network and lower pollution levels in drainage water.



DISHWASHERS WITH ENERGY RECOVERY DEVICE (OPTIONAL)

EXPLANATION OF THE PROCESS

1. Washing tub.
2. Rinsing tub.
3. Boiler.
4. Inlet into the independent energy recovery water circuit. Cold water.
5. Energy recovery device.
6. Water heated in the energy recovery device.

GAS OR ELECTRICITY? WHATEVER YOUR DECISION, YOU HAVE A WIDE VARIETY OF MODELS TO CHOOSE FROM.

The new modular conveyor dishwashers and flight dishwashers are the perfect solution for washing 2000-6000 dishes per hour, in both the gas or electricity models.

The use of gas is an exclusive feature of Fagor Industrial, conceived to reduce energy consumption. By helping to save on the cost per dish. The machine reaches its operating temperature very quickly.

Gas models allow for 80% energy-saving compared to equivalent electrical models. Their ignition system works by means of ionisation and an electromagnetic valve, thus avoiding a pilot flame and increasing safety. They have a double-walled generator which increases heat insulation, reducing heat losses. As in the case of the electrical models, they are equipped with detectors that disconnect the system when there are no washing baskets in the machine. Moreover, they are environmentally friendly, reducing atmospheric contamination from greenhouse gases.

MODULAR CONVEYOR



FI-460 WITH CV STEAM CONDENSER AND TS DRYING TUNNEL



ECO-370 I WITH PRE-WASHING TABLE, WITH CV STEAM CONDENSER AT THE INLET,
TS DRYING TUNNEL AT THE OUTLET AND ROLLER TABLE

EXTENSIVE RANGE

FLIGHT DISWASHERS



FI-2700 WITH DRYING TUNNEL



FI-4000 WITH DRYING TUNNEL



FI-6000 WITH DRYING TUNNEL

TECHNICAL CHARACTERISTICS

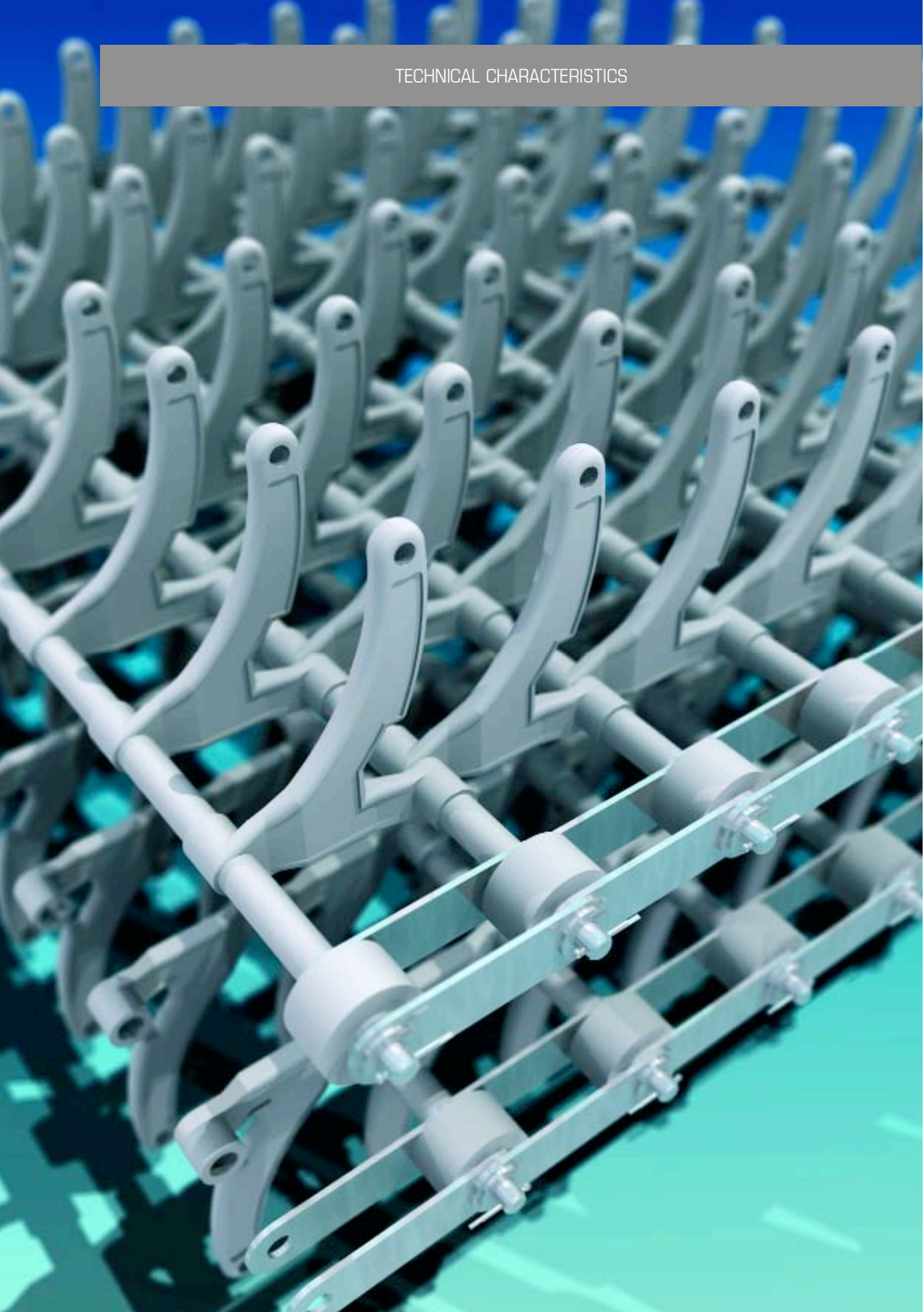


MODULAR CONVEYOR DISHWASHERS



Model	Baskets/hour		Water consumption l/h	Electrical power	Dimensions mm
	1st speed	2nd speed			
FI-280	103	155	360	46,2	1,750x780x1,580
FI-370	136	205	360	47,4	2,350x780x1,580
FI-460	170	255	450	55,9	2,650x780x1,580
FI-550	203	305	450	63,1	3,250x780x1,580
ECO-280	103	155	360	19,2	1,750x780x1,580
ECO-370	136	205	360	20,4	2,350x780x1,580
ECO-460	170	255	450	21,4	2,650x780x1,580
ECO-550	203	305	450	31,6	3,250x780x1,580

TECHNICAL CHARACTERISTICS

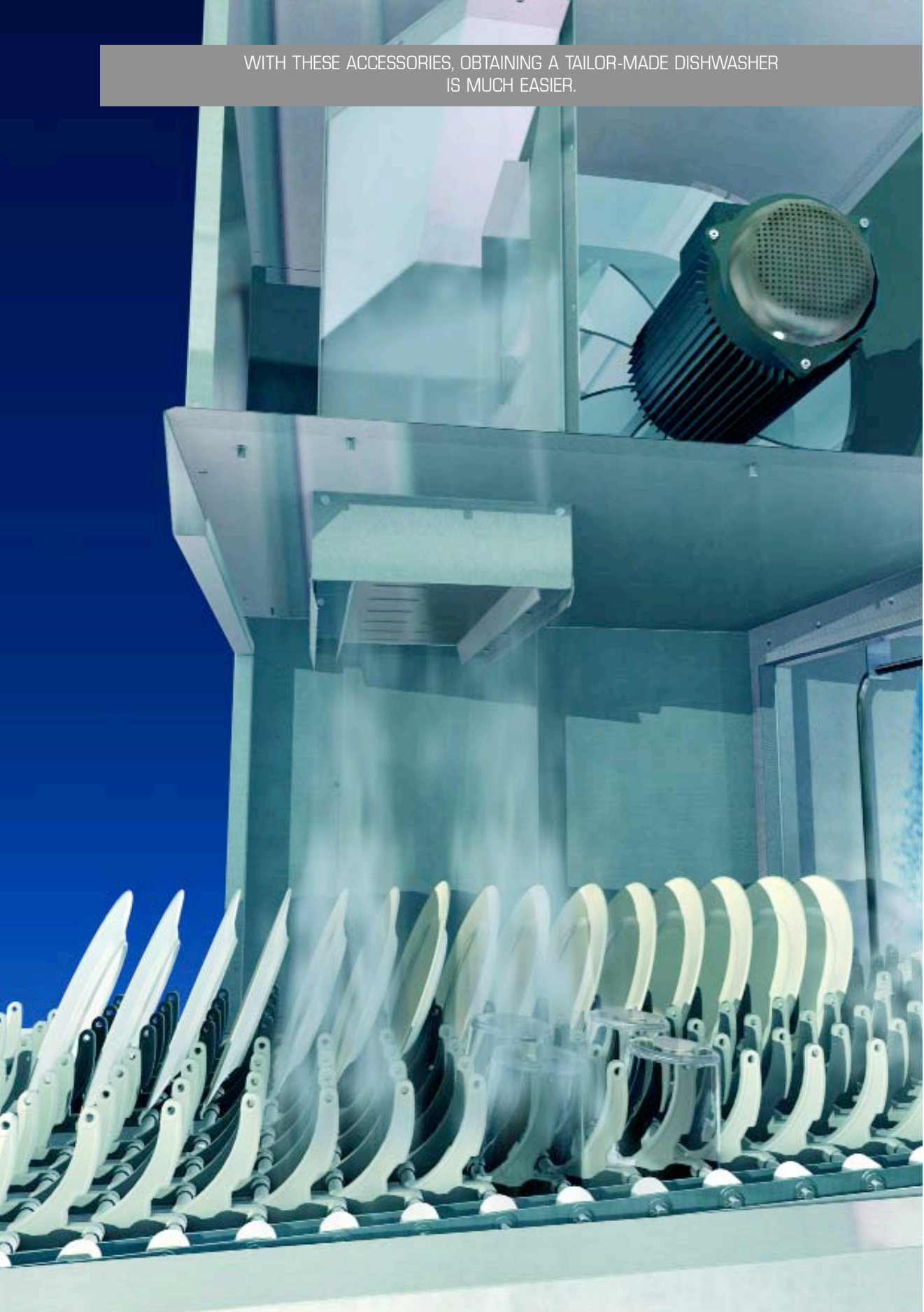


FLIGHT DISHWASHERS



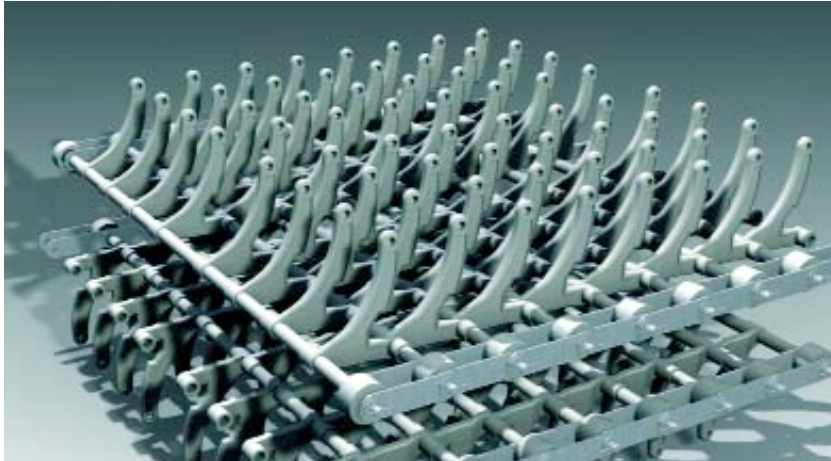
Model	Baskets/hour		Water consumption l/h	Electrical power	Dimensions mm
	1st speed	2nd speed			
FI-2700	1.800	2.700	360	65,4	4,780x900x1,650
FI-4000	2.667	4.000	360	68,0	5,680x900x1,650
FI-6000	4.000	6.000	480	82,6	6,580x900x1,650
ECO-2700	1.800	2.700	360	30,9	4,780x900x1,650
ECO-4000	2.667	4.000	360	33,5	5,680x900x1,650
ECO-6000	4.000	6.000	480	48,1	6,580x900x1,650

WITH THESE ACCESSORIES, OBTAINING A TAILOR-MADE DISHWASHER
IS MUCH EASIER.



ACCESSORIES

At Fagor Industrial we have a wide range of optional extras to enable customers to personalise their dishwashers, adapting these to their tastes and preferences.



OPTIONAL ELEMENTS - Conveyor dishwashers

DRYING TUNNEL TS
EXTRA DRYING TUNNEL TSE
STEAM CONDENSER CV
OUTLET ANTI-SPLASH MODULE
INLET ANTI-SPLASH MODULE
ENERGY RECOVERY DEVICE
SHOWER KIT FOR CONVEYOR DISHWASHERS

INLET/OUTLET ELEMENTS

180° AUTOMATED CURVE
90° AUTOMATED CURVE
LINEAR ROLLER TABLE
90° CURVED ROLLER TABLE
180° CURVED ROLLER TABLE
ANGLED BASKET LOADERS
PRE-WASHING TABLES



OPTIONAL ELEMENTS-Conveyor belt dishwashers

DRYING TUNNEL TS-C
STEAM CONDENSER CV-C
ENERGY RECOVERY DEVICE RE-C
ANTI-SPLASH ELEMENT
EXTRA POWER BOILER KIT
PRESSURE ELECTRO-PUMP

STANDARD CONVEYOR BELT
CONVEYOR BELT FOR KITCHEN EQUIPMENT
CONVEYOR BELT FOR ISOTHERMAL CONTAINERS



FAGOR INDUSTRIAL

Bº Santxolopetegi, 22
Aptdo. 17
20560 OÑATI (GIPUZKOA)
TEL. (34) 943 71 80 30
FAX (34) 943 71 81 81
www.fagorindustrial.com

