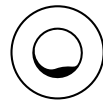


**FAGOR**





## Washing

Excellent washing and care results.

Our objective is to put a complete and innovative range of washing machines within your reach, which guarantee the care of your linen, and energy and chemical product savings. Innovative because our washers are designed with the maximum quality, including the latest advances in intelligent control, connectivity and efficiency. Complete because we have different types of machine which fit any order in terms of efficiency and capacity, whatever type of business you have, its size and dimensions.



# Washers

High Spin washers .....	036
— Low and medium capacity .....	038
— High capacity .....	042
Fast Spin washers .....	044
— Low and medium capacity .....	046
Normal Spin washers .....	048
— Low and medium capacity .....	050
— High capacity .....	050

Special models or any other variant on the standard model are to be assembled in factory, and carry a supplement over the price indicated for the standard model.

Please consult Fagor Industrial for any other variant or option not reflected on this list.



**It cares about you,  
It cares about the enviroment.**

# kare

GENERATION



We present KARE, the new generation of laundry machines by Fagor Industrial. An advanced and complete series of machines designed to provide the best solution for you, because KARE cares about what is most important to you; KARE cares about the world we live in, our environment. In Fagor we care about what really matters.

With the new KARE generation we have made sure that we put all its innovative features to your disposal. The second generation Touch Plus Control (TP2) is user friendly and guarantees the ultimate care for your clothes. Our machines have been ergonomically designed and components have been precisely placed for the easiest maintenance.

KARE cares about you and the environment. With a complete and concise set of features that provide an outstanding efficiency in terms of energy and water consumption KARE protects the world we live in.



High spin  
speed  
(LA)



Fast spin  
speed  
(LR)



Normal spin  
speed  
(LN)

# A solution for every customer

FAGOR INDUSTRIAL adapts to each user's needs, offering a wide range of options.

## High Spin | G-Force: 450 (LA-120 G-Force: 350)

TYPE OF CONTROL	HEATING	CAPACITY							
		10-11 KG	13-14 KG	18-20 KG	25-28 KG	35-39 KG	45-50 KG	60-66 KG	120-133 KG
Touch Plus Control (TP2)	Electric, hot water and steam	LA-11 TP2	LA-14 TP2	LA-18 TP2	LA-25 TP2	LA-35 TP2	LA-45 TP2	LA-60 TP2	LA-120 TP2
Touch Plus Control (TP2) Self-service	Electric and hot water	LA-11 TP2	LA-14 TP2	LA-18 TP2	LA-25 TP2	LA-35 TP2	-	-	-

## Fast Spin | G-Force: 300

TYPE OF CONTROL	HEATING	CAPACITY			
		10-11 KG	13-14 KG	18-20 KG	25-28 KG
Touch Plus Control (TP2)	Electric, hot water and steam	LR-11 TP2	LR-14 TP2	LR-18 TP2	LR-25 TP2
Touch Plus Control (TP2) Self-service	Electric and hot water	LR-11 TP2	LR-14 TP2	LR-18 TP2	LR-25 TP2

## Normal Spin | G-Force: 200 (LN-60 G-Force: 150)

TYPE OF CONTROL	HEATING	CAPACITY					
		10-11 KG	13-14 KG	18-20 KG	25-28 KG	35-39 KG	60-66 KG
Touch Plus Control (TP2)	Electric, hot water and steam	LN-11 TP2	LN-14 TP2	LN-18 TP2	LN-25 TP2	LN-35 TP2	LN-60 TP2
Touch Plus Control (TP2) Self-service	Electric and hot water	LN-11 TP2	LN-14 TP2	LN-18 TP2	LN-25 TP2	LN-35 TP2	LN-60 TP2



# Touch Plus Control

01.

## Touch Plus Control

The new Touch Plus Control offers great flexibility to the user thanks to its numerous functions: easy programming, 7-inch touch screen in full colour, 37 available languages, USB port for updates and the same control system for OPL washers and coin washers.

02.

## Programmable

All our washing machines are equipped with a versatile and easy-to-use touch screen programming system with 29 pre-set programs. These programs can be modified during operation. What is more, you can create, export and import any of the new programs by USB or WiFi.

03.

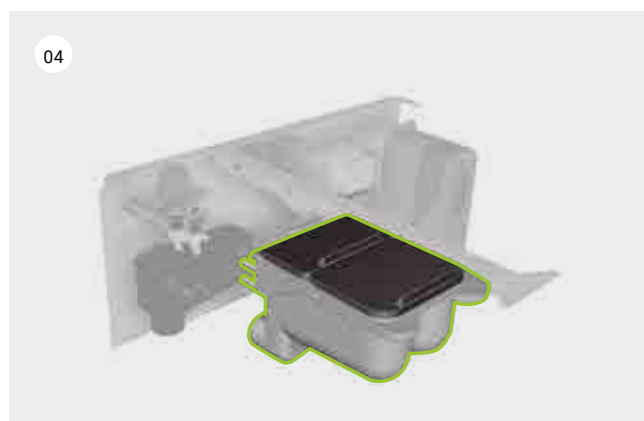
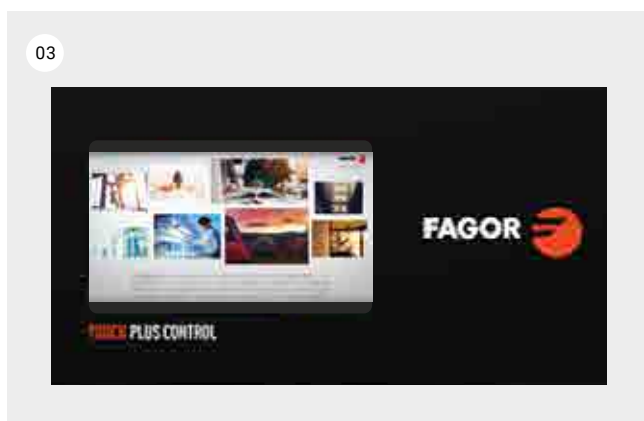
## Advertising

The Touch Plus Control screen provides the possibility of an innovative usage which increases the income prospects of self-service laundrettes and also of people: advertising. You can now include information on timetables and prices on the washing machine itself, as well as the service on offer and commercial messages from third parties. All this in an attractive and eye-catching manner.

04.

## Dosage

Dosing with the necessary amount at the correct time provides you with security during the process and uniformity in the result. And the most important thing: your peace of mind. 8 dosage signals as standard + 6 extra signals (time of dosage, start delay, start selection) in all models.



# Built for you

## ERGONOMICS

01.

### Large diameter door

The Kare generation has been designed with the user's convenience in mind. To that end, one of the factors indicated in its construction has been to give all the washing machines the biggest door dimensions on the market. This makes loading and unloading much easier and ergonomic, especially in the case of large washers.

02.

### Plinths

Both ergonomics and appearance have been taken into account in the design of the plinths:

A) The plinths for the 11, 14, 18, 25 and 35 kg models have been designed to keep the loading door at the same height in all the models: 850mm. This solution makes the use of trolleys much easier and more ergonomic.

B) Plinths are also available for the same models with a different design to maintain the same height in all the washers, especially conceived for self-service laundrettes.

## MAINTENANCE

03.

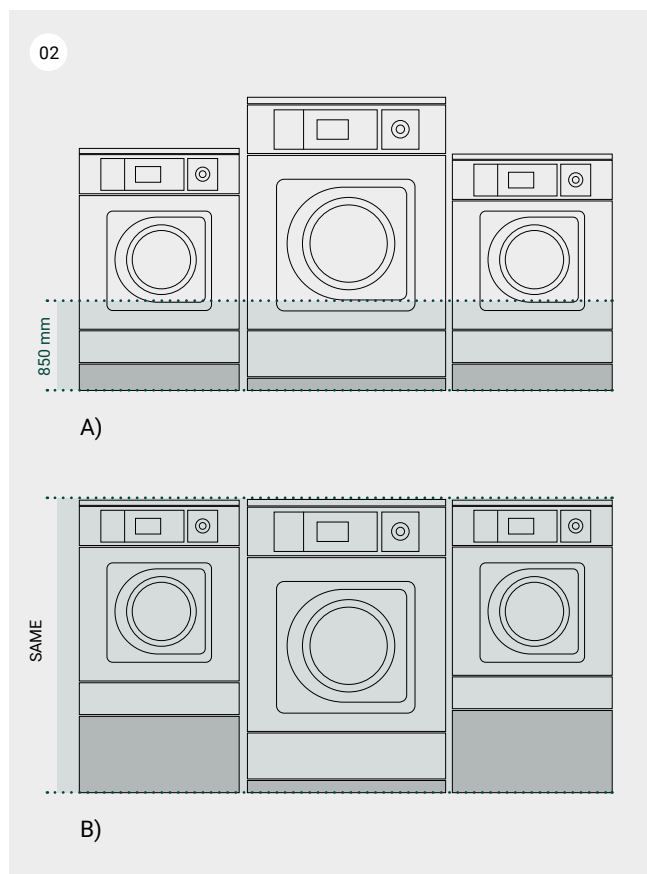
### Technical menu Touch plus

The Touch Plus Control technical panel allows comprehensive verification of a multitude of functions: the auto-test for faults, alarms, restricted access zones and the storage of relevant information such as cycles, operation time, spin speed, etc.

04.

### Maintenance Kare

The design, simple and robust, has been focused on the correct positioning of each component, and on the lowest possible maintenance. It has been optimised down to the finest detail related to access, including the hinge-opening front panel which provides easy access to the control panel.



# Built for you

# Efficiency

## VERSATILITY

05.

### Wet cleaning

Fagor offers you the most flexible solution on the market to put a Wet Cleaning solution into practice.

The machines are flexible, with both washers and dryers providing the possibility of creating different phases by program with all the personalised parameters required for each detergent provider in the Wet Cleaning industry.

It is a flexible business proposal, given that Fagor has cooperated beforehand with the chemical companies of highest repute in the world, and has tested the programs for specific detergents in advance. As a result, you can continue to cooperate with your detergent supplier and their integration into your Fagor Washers equipment will be instantaneous.

06.

### Made To measure

The Kare range gives the option of personalising the machines according to each customer's specific needs. Choose from the options available and we will deliver the machines to you with these options ready installed and tested in factory.



07.

### Opl ↔ self-service

The machines can be converted from OPL to Self-service and vice versa from the TP2 control.

08.

### Electric ↔ Steam

An electrically heated model can be easily converted into a hot water model.

09.

### Drain valve ↔ drain pump

The drain valve machine can be converted to a machine with drain pump.



01.

### Full flow - recirculation

Wash water recirculation kit to enhance its use. Increases the effectiveness without mechanical action, for the best care of your linen.

- Can be activated at any phase of the wash.
- Can be applied to any model of washer.
- Lower mechanical action of the pump.
- Greater flow of water with chemical product.
- All the water of the wash is used, including the water not usually used which is in the drain tube.
- Improved mixing of the chemical product.
- Clothes rapidly compacted.

01



KIT FULL FLOW

# Efficiency

02.

## Intelligent weighing system

An system of automatic adjustment carried out by the washer itself which intelligently regulates water and detergent consumption in accordance with the load inserted. Also offers the option of indicating the load weight manually. This results in considerable savings in energy, water and chemical products.

05.

## High G force 450

The Fagor washers come with the highest G-force on the market. This brings numerous advantages such as the reduction of water retention in the linen and of drying times. In conclusion, they reduce your operational costs and save energy.

03.

## Optimum load

Thanks to the advanced technological development of the Kare range, the machine is capable of detecting any kind of imbalance in its functioning ahead of time. In this way, once the anomaly has been corrected, the work is done more gently, which lengthens the life of the components and reduces wash time and energy consumption.

06.

## Drum Design

The effective design of the whole Kare washing machine range, based on a series of perforations in the edges of the drum and with minimal spaces between it and the tank, allows only the energy consumption necessary to heat the water to be used, and to reduce the superfluous use of chemical products.

04.

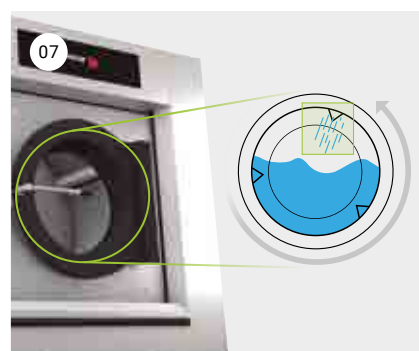
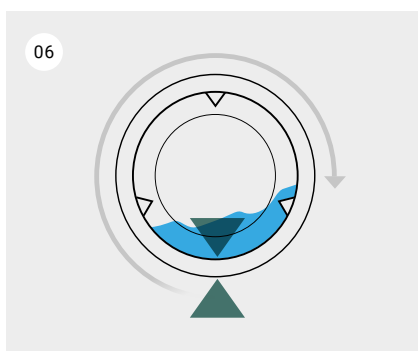
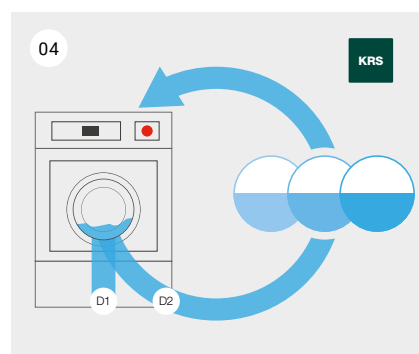
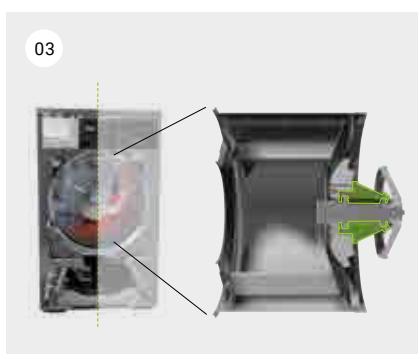
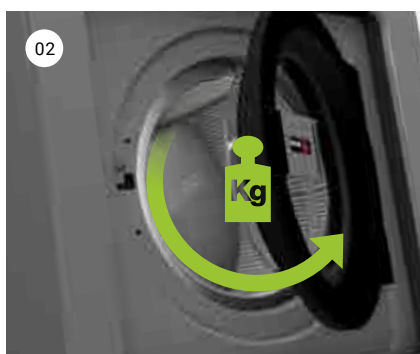
## Kare recovery system

In line with Fagor Industrial's effectiveness and sustainability standards, all the washing machines from the Kare range are equipped to control the Kare Recovery System. We care about the environment as well as your pocket, which is why we offer a solution that saves energy and reduces your operational costs.

07.

## Water cascade

Through a series of perforations in the paddles of the machine, a water cascade effect is achieved which enhances the mechanical action of the drum during operation and considerably reduces the amount of water needed in each wash.

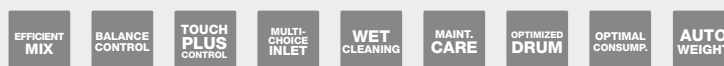


# High spin

G Force = 350/450



LA-14-TP2



01.

Especially designed for those laundries where the quality of the process and energy and water saving are a priority. The new high-spin washer extractors offer top performance and a renovated look to meet the needs of the most demanding customers.

02.

Their advanced design and technology, together with their wide range of options and accessories, have a great effect on energy efficiency and on water and chemicals saving, reducing production costs and increasing the productivity of your business.

03.

This type of high-spin washer extractors (G-Force: 350 to 450) drastically reduce the residual moisture after the washing process, thus allowing important savings in the processes that follow such as drying and ironing.

04.

Their quick and simple installation and the minimum space required for use and maintenance are a key advantage compared to other ranges.

# Maximum effectiveness, energy saving and respect for the environment



## Main characteristics

- High-spin soft-mounted washer extractors, G- Force: 350 to 450 and spinning speeds between 680 and 1245 r.p.m. depending on the model.
- Easy installation, no need for anchoring to the floor and reduced costs.
- Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
- Drum in AISI-304 stainless steel.
- Second Generation Touch Plus Control (TP2)
- Traceability - data storage.
- Large diameter door.

### Options:

- Unit exterior in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Different levelling plinth kits to level machines by total height or by loading height (850 mm between door base and floor).
- Double drain kit to recover the water, with important savings.
- Levelling feet (for 11 to 35 kg models).
- Drain pump kit. (Mod 11-14Kg)
- Reversible door opening. Silicone seal (except 120 kg model).
- 6 extra signals for dosing.

- Automatic linen weighing system.
- Electric versions for ships.
- Tropicalised models with protective layer for the electronic system.
- Full Flow: water recirculation for very delicate linen (wet cleaning complement for the 11 to 35 kg models).
- Weight detection system in the feet (not compatible with tilt system).  
Special options for high capacity 45 and 60 kg washer extractors:
- Double electric + steam heating
- Water inlet pipe.
- Tilt system - forwards and backwards for easy loading and unloading in the 45, 60 and 120 kg models.

# High spin | Low and medium capacity






**G Force = 450 | 11 - 14 - 18 - 25 - 35 Kg**

## General characteristics



LA-18-TP2

- Drum and jacket in AISI-304 stainless steel.
- Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
- Tank with 4 detergent compartments.
- 8 automatic liquid dosing signals, with programmable time and delay. 6 extra signals available optionally.
- 3 standard water inlets.
- Variable-frequency drive (standard 50-60 Hz). Balancing system controlled by the same drive.
- New second-generation TOUCH PLUS programmer with 7" touch screen, 37 available languages and which lets you create an indefinite number of programs (29 pre-set).
- Traceability as standard: the whole wash process (temperatures, water levels) is stored on the washer and is extractable to a PC by USB memory.
- Allows programming, importing and exporting of programs and software updates via USB.
- Wet Cleaning characteristics included in the scheduler (modifiable water levels and washing speed).
- Intelligent weighing system or manual load indication system to optimise water and detergent consumption at lower loads.
- "LOADING AID" system, water inlet and spin control to load the linen.
- The standard model can be converted to self-service by installing a pay station kit, coin mechanism kit or other payment system. RS-485 communication.
- Washers compatible with water recovery tanks.
- CE and WRAS product certifications. ETL certified optional version of the machine.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	ELEC POWER MÁX - KW	DIMENSIONS MM	€
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER					
 LA-11 TP2 E	19058423	18001864	11	10	532x425	100	373	1,231	450	E	6 kW	T	6.25	692x788x1,185	-	
LA-11 TP2 HW	19061870	18001980	11	10	532x425	100	373	1,231	450	HW		M	0.75	692x788x1,185	-	
LA-11 TP2 S	19061871	18001981	11	10	532x425	100	373	1,231	450	S		M	0.75	692x788x1,185	-	
 LA-14 TP2 E	19058420	18001863	14	13	620x430	130	373	1,138	450	E	9 kW	T	9.50	788x869x1,307	-	
LA-14 TP2 HW	19061872	18001978	14	13	620x430	130	373	1,138	450	HW		M	1.50	788x869x1,307	-	
LA-14 TP2 S	19061873	18001979	14	13	620x430	130	373	1,138	450	S		M	1.50	788x869x1,307	-	
 LA-18 TP2 E	19058399	18001856	20	18	700x470	180	460	1,071	450	E	12 kW	T	12.75	884x913x1,415	-	
LA-18 TP2 HW	19058409	18001860	20	18	700x470	180	460	1,071	450	HW		M	2.20	884x913x1,415	-	
LA-18 TP2 S	19058411	18001861	20	18	700x470	180	460	1,071	450	S		M	2.20	884x913x1,415	-	
 LA-25 TP2 E	19058413	18001862	28	25	770x530	250	460	1,024	450	E	18 kW	V	19.00	979x1,041x1,553	-	
LA-25 TP2 HW	19061874	18001976	28	25	770x530	250	460	1,024	450	HW		M	3.00	979x1,041x1,553	-	
LA-25 TP2 S	19061875	18001977	28	25	770x530	250	460	1,024	450	S		M	3.00	979x1,041x1,553	-	
 LA-35 TP2 E	19058449	18001868	39	35	860x602	350	560	966	450	E	21 kW	X	22.00	1,095x1,184x1,598	-	
LA-35 TP2 HW	19061876	18001974	39	35	860x602	350	560	966	450	HW		X	4.00	1,095x1,184x1,598	-	
LA-35 TP2 S	19061877	18001975	39	35	860x602	350	560	966	450	S		X	4.00	1,095x1,184x1,598	-	

- (\*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.  
Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

### Heating systems in models 11 - 14 - 18 - 25 - 35

- E: Electric heating system  
Heated by means of stainless steel armoured heating elements.  
HW: Hot Water inlet. Wash with hot water from the network.  
S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.

### (\*\*) Standard voltages in 11 - 14 - 18 - 25 - 35

- M: SINGLE-PHASE model. Convertible to: - 230 V 3 ~ (Three-phase)  
- 400 V 3N (Three-phase)  
T: THREE-PHASE model 400 V 3N / 230 V 3 ~. Convertible to: - 230 V 1N (Single-phase)  
V: 400 V 3N model. Convertible to: - 230 V 3 ~  
X: 400 V 3N model. Upon request: - 230 V 3 ~

## Options for washer extractors LA 11 - 14 - 18 - 25 - 35 kg

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	CODE	ABBREVIATION	DESCRIPTION	MODELS					€
ACCESSORIES	ZC_006_0013-0001	RD	REVERSIBLE DOOR	11	14	18	25	35	-
	ZC_006_0013-0003	UD	AUTOMATIC UNBLOCKAGE	11	14	18	25	35	-
	ZC_006_0013-0005	TR	TROPICALISED	11	14	18	25	35	-
	ZC_006_0013-0008	LG	LEVELLING FEET	11	14	18	25	35	-
	ZC_006_0013-0010	PR	PRINTER	11	14	18	25	35	-
	ZC_006_0013-0013	RC	RECIRCULATION A-11	11					-
	ZC_006_0013-0015	RC	RECIRCULATION A-14		14				-
	ZC_006_0013-0017	RC	RECIRCULATION A-18			18			-
	ZC_006_0013-0019	RC	RECIRCULATION A-25				25		-
	ZC_006_0013-0021	RC	RECIRCULATION A-35					35	-
	ZC_006_0013-0002	SG	SILICONE SEAL 8-14	11	14				-
	ZC_006_0013-0032	SG	SILICONE SEAL 18-25			18	25		-
	ZC_006_0013-0035	XD	EXTRA DOSAGE 11-35	11	14	18	25	35	-
	ZC_006_0013-0007	WS	AUTOMATIC WEIGHING 11-35	11	14	18	25	35	-
EXTERNAL CASE	ZC_006_0015-0005	SSC	STAINLESS STEEL UNIT A-11	11					-
	ZC_006_0015-0006	SSF	STAINLESS STEEL FRONT A-11	11					-
	ZC_006_0015-0009	SSC	STAINLESS STEEL UNIT A-14		14				-
	ZC_006_0015-0010	SSF	STAINLESS STEEL FRONT A-14		14				-
	ZC_006_0015-0013	SSC	STAINLESS STEEL UNIT A-18			18			-
	ZC_006_0015-0014	SSF	STAINLESS STEEL FRONT A-18			18			-
	ZC_006_0015-0017	SSC	STAINLESS STEEL UNIT A-25				25		-
	ZC_006_0015-0018	SSF	STAINLESS STEEL FRONT A-25				25		-
	ZC_006_0015-0021	SSC	STAINLESS STEEL UNIT A-35					35	-
	ZC_006_0015-0022	SSF	STAINLESS STEEL FRONT A-35					35	-
DRAIN OPTIONS	ZC_006_0018-0005	NC	DRAIN NORMALLY CLOSED A-11	11					-
	ZC_006_0018-0007	P	PUMP A-11/14	11	14				-
	ZC_006_0018-0013	NC	DRAIN NORMALLY CLOSED A-14		14				-
	ZC_006_0018-0014	DD	DOUBLE DRAIN A-14/18		14	18			-
	ZC_006_0018-0021	NC	DRAIN NORMALLY CLOSED A-18			18			-
	ZC_006_0018-0029	NC	DRAIN NORMALLY CLOSED A-25				25		-
	ZC_006_0018-0030	DD	DOUBLE DRAIN A-25				25		-
	ZC_006_0018-0037	NC	DRAIN NORMALLY CLOSED A-35					35	-
	ZC_006_0018-0038	DD	DOUBLE DRAIN A-35					35	-



## Options for washer extractors LA 11 - 14 - 18 - 25 - 35 kg

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	CODE	ABBREVIATION	DESCRIPTION	MODELS	€
VOLTAGE OPTIONS	ZC_006_0020-0001	400V 3N 50/60Hz	400V 3N 50/60Hz 08-11	11	-
	ZC_006_0020-0002	230V 3~ 50/60Hz	230V 3~ 50/60Hz 08-11	11	-
	ZC_006_0020-0003	230V 1N 50/60Hz	230V 1N 50/60Hz 08-11	11	-
	ZC_006_0020-0005	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 08-11	11	-
	ZC_006_0020-0006	400V 3N 50/60Hz	400V 3N 50/60Hz 14	14	-
	ZC_006_0020-0007	230V 3~ 50/60Hz	230V 3~ 50/60Hz 14	14	-
	ZC_006_0020-0008	230V 1N 50/60Hz	230V 1N 50/60Hz 14	14	-
	ZC_006_0020-0009	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 14	14	-
	ZC_006_0020-0010	400V 3N 50/60Hz	400V 3N 50/60Hz 18	18	-
	ZC_006_0020-0011	230V 3~ 50/60Hz	230V 3~ 50/60Hz 18	18	-
	ZC_006_0020-0012	230V 1N 50/60Hz	230V 1N 50/60Hz 18	18	-
	ZC_006_0020-0013	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 18	18	-
	ZC_006_0020-0014	400V 3N 50/60Hz	400V 3N 50/60Hz 25	25	-
	ZC_006_0020-0015	230V 3~ 50/60Hz	230V 3~ 50/60Hz 25	25	-
	ZC_006_0020-0016	230V 1N 50/60Hz	230V 1N 50/60Hz 25	25	-
	ZC_006_0020-0017	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 25	25	-
	ZC_006_0020-0018	400V 3N 50/60Hz	400V 3N 50/60Hz 35	35	-
	ZC_006_0020-0019	230V 3~ 50/60Hz	230V 3~ 50/60Hz 35	35	-
	ZC_006_0020-0020	230V 1N 50/60Hz	230V 1N 50/60Hz 35	35	-
	ZC_006_0020-0021	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 35	35	-

## Kits for washer extractors LA 11 - 14 - 18 - 25 - 35 kg

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION		MODELS					€
19060839	PLINTH KIT COIN H-11 SKIN PLATE		11					-
19060836	PLINTH KIT COIN H-14 SKIN PLATE			14				-
19060837	PLINTH KIT COIN H-18 SKIN PLATE				18			-
19060838	PLINTH KIT COIN H-25 SKIN PLATE					25		-
19056154	PLINTH KIT COIN H-11 STAINLESS STEEL	To align the height of different models	11					-
19005336	PLINTH KIT COIN H-14 STAINLESS STEEL			14				-
19005061	PLINTH KIT COIN H-18 STAINLESS STEEL				18			-
19004974	PLINTH KIT COIN H-25 STAINLESS STEEL					25		-
19060842	PLINTH KIT DOOR H-11 SKIN PLATE		11					-
19060843	PLINTH KIT DOOR H-14 SKIN PLATE			14				-
19060844	PLINTH KIT DOOR H-18 SKIN PLATE				18			-
19060845	PLINTH KIT DOOR H-25 SKIN PLATE					25		-
19060846	PLINTH KIT DOOR H-35 SKIN PLATE						35	-
19035700	PLINTH KIT DOOR H-11 STAINLESS STEEL	To align the base of the doors	11					-
19035701	PLINTH KIT DOOR H-14 STAINLESS STEEL			14				-
19035702	PLINTH KIT DOOR H-18 STAINLESS STEEL				18			-
19035703	PLINTH KIT DOOR H-25 STAINLESS STEEL					25		-
19034836	PLINTH KIT DOOR H-35 STAINLESS STEEL						35	-
19038354	DOUBLE DRAIN KIT 3" (external)	Recommendable for LA-11 machines	11	14	18	25	35	-
19030318	DOUBLE DRAIN KIT 3" H-13/18			14	18			-
19030388	DOUBLE DRAIN KIT 3" H-25					25		-
19036861	DOUBLE DRAIN KIT H-35						35	-
19057411	DRAIN PUMP KIT H-11/14		11	14				-
19067223	Water recirculation KIT H-11/25		11	14	18	25		-
19067224	Water recirculation KIT H-35						35	-
19034838	EXTRA DOSAGE KIT	6 extra signals for dosing	11	14	18	25	35	-
19068044	WASHER PRINTER KIT		11	14	18	25	35	-
19004570	STEAM KIT N/R/H-11/14/18		11	14	18			-
19004571	STEAM KIT N/R/H-25	To convert an E or HW machine to Steam version (S)				25		-
19035743	STEAM KIT H-35						35	-
19004482	FEET KIT WASHERS H-11/14/18/25/35		11	14	18	25	35	-
19035704	AUTOMATIC WEIGHING KIT H-11/14/18/25/35	Includes the EXTRA DOSAGE kit	11	14	18	25	35	-

# High spin | High capacity

**G Force = 450 | 45 - 60 Kg / G Force = 350 | 120 Kg**

## General characteristics



LA-60 TP2

- Drum and jacket in AISI-304 stainless steel.
- Unit exterior manufactured in skin plate, grey colour, stainless steel appearance in the 45 and 60 kg models, and in AISI-304 stainless steel in the 120 kg model.
- Detergent dispenser with 5 compartments
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- 3 standard water inlets.
- Variable-frequency drive (standard 50-60 Hz). Balancing system controlled by the same drive.
- New second-generation TOUCH PLUS programmer with 7" touch screen, 37 available languages and which lets you create an indefinite number of programs (29 pre-set).
- Allows programming, importing and exporting of programs and software updates via USB.
- Traceability as standard: the whole wash process (temperatures, water levels) is stored on the washer and is extractable to a PC by USB memory.
- Wet Cleaning characteristics included in the scheduler (modifiable water levels and washing speed).
- Intelligent weighing system or manual load indication system to optimise water and detergent consumption at lower loads.
- "LOADING AID" system, water inlet and spin control to load the linen.
- Washers compatible with water recovery tanks.
- CE and WRAS product certifications. Optional ETL-certified version of the machine.
- Water pipes not included.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	POWER ELEC. MÁX - KW	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER					
LA-45 TP2 E	19058341	18001851	50	45	918x720	450	560	934	450	E	28.8 kW	X	31.30	1,478x1,444x1,905	-	
LA-45 TP2 HW	19061762	18001936	50	45	918x720	450	560	934	450	HW		X	7.50	1,478x1,444x1,905	-	
LA-45 TP2 S	19061763	18001937	50	45	918x720	450	560	934	450	S		X	7.50	1,478x1,444x1,905	-	
LA-60 TP2 E	19058386	18001852	67	60	1,048x684	600	560	875	450	E	36 kW	X	40.00	1,478x1,444x1,905	-	
LA-60 TP2 HW	19061764	18001938	67	60	1,048x684	600	560	875	450	HW		X	11.00	1,478x1,444x1,905	-	
LA-60 TP2 S	19068519	18001939	67	60	1,048x684	600	560	875	450	S		X	11.00	1,478x1,444x1,905	-	
LA-120 TP2 HW	19058402	18001853	133	120	1,360x840	1200	700	678	350	HW		X	15.00	1,836x1,863x2,245	-	
LA-120 TP2 S	19061777	18001941	133	120	1,360x840	1200	700	678	350	S		X	15.00	1,836x1,863x2,245	-	

- (\*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.  
 Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

### Heating systems in models 45 - 60 - 120

- E: Heating System  
 Heated by means of stainless steel armoured heating elements.  
 HW: Hot Water inlet. Wash with hot water from the network.  
 S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.

### (\*\*) Standard voltages in 45 - 60 - 120 models

- X: 400 V 3N model. Upon request: - 230 V 3 ~

## Options for washer extractors LA 45 - 60 - 120 kg

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	CODE	ABBREVIATION	DESCRIPTION	MODELS			€
ACCESSORIES	ZC_006_0013-0001	RD	REVERSIBLE DOOR	45	60	120	-
	ZC_006_0013-0003	UD	AUTOMATIC UNBLOCKAGE	45	60	120	-
	ZC_006_0013-0005	TR	TROPICALISED	45	60	120	-
	ZC_006_0013-0010	PR	PRINTER	45	60	120	-
	ZC_006_0013-0011	DH	DOUBLE HEATING (E+S) 45	45			-
	ZC_006_0013-0031	DH	DOUBLE HEATING (E+S) 60		60		-
	ZC_006_0013-0036	XD	EXTRA DOSAGE 45-120	45	60	120	-
EXTERNAL CASE	ZC_006_0013-0037	WS	AUTOMATIC WEIGHING 45-120	45	60	120	-
	ZC_006_0015-0025	SSC	STAINLESS STEEL UNIT A-45/60	45	60		-
EXTERNAL CASE	ZC_006_0015-0026	SSF	STAINLESS STEEL FRONT A-45/60	45	60		-
	ZC_006_0018-0045	NC	DRAIN NORMALLY CLOSED A-45	45			-
DRAINAGE SYSTEM	ZC_006_0018-0046	DD	DOUBLE DRAIN A-45/60	45	60		-
	ZC_006_0018-0049	NC	DRAIN NORMALLY CLOSED A-60		60		-
	ZC_006_0018-0058	DD	DOUBLE DRAIN A-120			120	-
TITLING	ZC_006_0016-0001	TL1	FRONT TILTING 45/60	45	60		-
	ZC_006_0016-0002	TL2	DOUBLE TILTING 45/60	45	60		-
	ZC_006_0016-0003	TL1	FRONT TILTING 120			120	-
	ZC_006_0016-0004	TL2	DOUBLE TILTING 120			120	-
VOLTAGE OPTIONS	ZC_006_0020-0022	400V 3N 50/60Hz	400V 3N 50/60Hz 45	45			-
	ZC_006_0020-0023	230V 3~ 50/60Hz	230V 3~ 50/60Hz 45	45			-
	ZC_006_0020-0024	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 45	45			-
	ZC_006_0020-0025	400V 3N 50/60Hz	400V 3N 50/60Hz 60		60		-
	ZC_006_0020-0026	230V 3~ 50/60Hz	230V 3~ 50/60Hz 60		60		-
	ZC_006_0020-0028	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 60		60		-
	ZC_006_0020-0029	400V 3N 50/60Hz	400V 3N 50/60Hz 120			120	-
	ZC_006_0020-0030	230V 3~ 50/60Hz	230V 3~ 50/60Hz 120			120	-
ZC_006_0020-0031	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 120			120	-	

## Kits for washer extractors LA 45 - 60 - 120 kg

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS			€
19038354	DOUBLE DRAIN KIT 3" (external)	45	60		-
19004661	DOUBLE DRAIN KIT H-40/45/60	45	60		-
19004748	DOUBLE DRAIN KIT H-120			120	-
19034838	EXTRA DOSAGE KIT	6 extra signals for dosing			-
19068044	WASHER PRINTER KIT	45	60	120	-
19004574	STEAM KIT H-40/45/60	To convert an E or HW machine to Steam version			-
19011484	WATER INLET PIPE KIT H-45/60 (1UN)	45	60		-
19040889	AUTOMATIC WEIGHING KIT H-45/60/120	Includes the EXTRA DOSAGE kit Not compatible with tilt options			-
19004575	DOUBLE HEATING KIT H-45/60	45	60		-
19004676	TRIM PLINTH KIT H-45/60	Plinth with trim closure			-

# Fast spin

G Force = 300



LR-25-TP2

- EFFICIENT MIX
- BALANCE CONTROL
- TOUCH PLUS CONTROL
- MULTI-CHOICE INLET
- WET CLEANING
- MAINT. CARE
- OPTIMIZED DRUM
- OPTIMAL CONSUMP.

01.

Designed for those professionals who need a machine with top performance and a competitive price, or who need a hard-mounted machine, like self-service laundrettes or ships.

02.

The FAGOR INDUSTRIAL fast-spin washer extractors (G force = 300) stand out for their high levels of water extraction, low noise level and vibration-free operation.

03.

These high-performance models allow a minimum energy cost with the help of intelligent programming and control of imbalance through the variable frequency drive. Their strong tubular construction and long-lasting components make these machines of the utmost reliability.

# Maximum Performance



## Main characteristics

- Hard-mounted fast-spin washers, with G Force = 300 and spinning speeds of between 714 and 820 r.p.m. depending on model.
- Installation on a concrete plinth and a metal base (anchoring base as option).
- Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
- Drum in AISI-304 stainless steel.
- Second Generation Touch Plus Control (TP2)
- Traceability - data storage.
- Large diameter door.

### Options:

- Anchoring base as an option for correct fixation to the floor.
- Unit exterior in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Double drain kit to recover the water, with important savings.
- Drain pump kit (11 and 14 kg).
- Reversible door opening.
- Silicone door seal.
- 6 extra signals for dosing

- Full Flow: water recirculation for very delicate linen (wet cleaning complement).
- Electric versions for ships.
- Tropicalised models with protective covering for the electronics system.

# Fast spin | Low and medium capacity

Hard-Mounted Machines | **G Force = 300** | 11 - 14 - 18 - 25 Kg



LR-18 TP2

## General characteristics

- Drum and jacket in AISI-304 stainless steel.
  - Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
  - Detergent dispenser with 4 compartments
  - 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
  - 3 standard water inlets.
  - Variable-frequency drive (standard 50-60 Hz). Balancing system controlled by the same drive.
  - New second-generation TOUCH PLUS programmer with 7" touch screen, 37 available languages and which lets you create an indefinite number of programs (29 pre-set).
  - Allows programming, importing and exporting of programs and software updates via USB.
  - Standard traceability: the whole wash process (temperatures, water levels) is stored in the washer and extractable to a PC by USB memory.
  - Wet Cleaning characteristics included in the scheduler (modifiable water levels and washing speed).
  - Intelligent weighing system or manual load indication system to optimise water and detergent consumption at lower loads.
  - "LOADING AID" system, water inlet and spin control to load the linen.
  - The standard model can be converted to self-service by installing a pay station kit, coin mechanism kit or other payment system. RS-485 communication.
  - Washers compatible with water recovery tanks.
  - CE and WRAS product certifications. Optional ETL-certified version of the machine.
- ANCHORAGE TO THE FLOOR**
- These machines need to be anchored to the floor.
  - FAGOR offers anchoring bases specific to each model, which must be ordered separately (see table of optional kits).
  - The price of the machine does not include the anchoring base.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR	SPIN		HEATING		VOLT	ELEC POWER	DIMENSIONS	€ (*)
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER	(**)	MÁX - KW	MM	
LR-11 TP2 E	19058453	18001870	11	10	620x330	100	373	929	300	E	6 kW	T	6.25	719x684x1,158	-
LR-11 TP2 HW	19061859	18001990	11	10	620x330	100	373	929	300	HW		M	1.10	719x684x1,158	-
LR-11 TP2 S	19061860	18001991	11	10	620x330	100	373	929	300	S		M	1.10	719x684x1,158	-
LR-14 TP2 E	19058444	18001867	14	13	620x430	130	373	929	300	E	9 kW	T	9.50	719x830x1,158	-
LR-14 TP2 HW	19061861	18001988	14	13	620x430	130	373	929	300	HW		M	1.10	719x830x1,158	-
LR-14 TP2 S	19061862	18001989	14	13	620x430	130	373	929	300	S		M	1.10	719x830x1,158	-
LR-18 TP2 E	19058442	18001866	20	18	620x600	180	460	874	300	E	12 kW	T	12.75	788x840x1,307	-
LR-18 TP2 HW	19061864	18001986	20	18	620x600	180	460	874	300	HW		M	2.20	788x840x1,307	-
LR-18 TP2 S	19061865	18001987	20	18	620x600	180	460	874	300	S		M	2.20	788x840x1,307	-
LR-25 TP2 E	19058429	18001865	28	25	770x530	250	460	836	300	E	18 kW	V	19.00	884x1,011x1,340	-
LR-25 TP2 HW	19061866	18001984	28	25	770x530	250	460	836	300	HW		M	3.00	884x1,011x1,340	-
LR-25 TP2 S	19061867	18001985	28	25	770x530	250	460	836	300	S		M	3.00	884x1,011x1,340	-

(\*) STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.

Code WITH OPTIONS:

Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

### Heating systems in models 11 - 14 - 18 - 25

E: Electric Heating System  
Heated by means of stainless steel armoured heating elements.  
HW: Hot Water inlet. Wash with hot water from the network.  
S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.

### (\*\*) Standard voltages in 11 - 14 - 18 - 25

M: SINGLE-PHASE model.

T: THREE-PHASE model 400 V 3N / 230 V 3 ~.  
V: MODEL 400 V 3N.

Convertible to: - 230 V 3 ~ (Three-phase)  
- 400 V 3N (Three-phase)  
Convertible to: - 230 V 1N (Single-phase)  
Convertible to: - 230 V 3 ~

## Options for washer extractors LR 11 - 14 - 18 - 25 kg

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code

OPTION	CODE	ABBREVIATION	DESCRIPTION	MODELS				€
ACCESSORIES	ZC_006_0013-0001	RD	REVERSIBLE DOOR	11	14	18	25	-
	ZC_006_0013-0003	UD	AUTOMATIC UNBLOCKAGE	11	14	18	25	-
	ZC_006_0013-0005	TR	TROPICALISED	11	14	18	25	-
	ZC_006_0013-0010	PR	PRINTER	11	14	18	25	-
	ZC_006_0013-0014	RC	RECIRCULATION N/R-11	11				-
	ZC_006_0013-0016	RC	RECIRCULATION N/R-14		14			-
	ZC_006_0013-0018	RC	RECIRCULATION N/R-18			18		-
	ZC_006_0013-0020	RC	RECIRCULATION N/R-25				25	-
	ZC_006_0013-0002	SG	SILICONE SEAL 8-14	11	14			-
	ZC_006_0013-0032	SG	SILICONE SEAL 18-25			18	25	-
ZC_006_0013-0035	XD	EXTRA DOSAGE 11-35	11	14	18	25	-	
EXTERNAL CASE	ZC_006_0015-0003	SSC	STAINLESS STEEL UNIT N/R-11	11				-
	ZC_006_0015-0004	SSF	STAINLESS STEEL FRONT N/R-11	11				-
	ZC_006_0015-0007	SSC	STAINLESS STEEL UNIT N/R-14		14			-
	ZC_006_0015-0008	SSF	STAINLESS STEEL FRONT N/R-14		14			-
	ZC_006_0015-0011	SSC	STAINLESS STEEL UNIT N/R-18			18		-
	ZC_006_0015-0012	SSF	STAINLESS STEEL FRONT N/R-18			18		-
	ZC_006_0015-0015	SSC	STAINLESS STEEL UNIT N/R-25				25	-
	ZC_006_0015-0016	SSF	STAINLESS STEEL FRONT N/R-25				25	-
DRAIN OPTIONS	ZC_006_0018-0009	NC	DRAIN NORMALLY CLOSED N/R-11	11				-
	ZC_006_0018-0017	NC	DRAIN NORMALLY CLOSED N/R-14		14			-
	ZC_006_0018-0025	NC	DRAIN NORMALLY CLOSED N/R-18			18		-
	ZC_006_0018-0033	NC	DRAIN NORMALLY CLOSED N/R-25				25	-
	ZC_006_0018-0026	DD	DOUBLE DRAIN N/R-18/25/35			18	25	-
VOLTAGE OPTIONS	ZC_006_0020-0001	400V 3N 50/60Hz	400V 3N 50/60Hz 08-11	11				-
	ZC_006_0020-0002	230V 3~ 50/60Hz	230V 3~ 50/60Hz 08-11	11				-
	ZC_006_0020-0003	230V 1N 50/60Hz	230V 1N 50/60Hz 08-11	11				-
	ZC_006_0020-0005	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 08-10	11				-
	ZC_006_0020-0006	400V 3N 50/60Hz	400V 3N 50/60Hz 14		14			-
	ZC_006_0020-0007	230V 3~ 50/60Hz	230V 3~ 50/60Hz 14		14			-
	ZC_006_0020-0008	230V 1N 50/60Hz	230V 1N 50/60Hz 14		14			-
	ZC_006_0020-0009	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 14		14			-
	ZC_006_0020-0010	400V 3N 50/60Hz	400V 3N 50/60Hz 18			18		-
	ZC_006_0020-0011	230V 3~ 50/60Hz	230V 3~ 50/60Hz 18			18		-
	ZC_006_0020-0012	230V 1N 50/60Hz	230V 1N 50/60Hz 18			18		-
	ZC_006_0020-0013	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 18			18		-
	ZC_006_0020-0014	400V 3N 50/60Hz	400V 3N 50/60Hz 25				25	-
	ZC_006_0020-0015	230V 3~ 50/60Hz	230V 3~ 50/60Hz 25				25	-
	ZC_006_0020-0016	230V 1N 50/60Hz	230V 1N 50/60Hz 25				25	-
	ZC_006_0020-0017	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 25				25	-

## Kits for washer extractors LR 11 - 14 - 18 - 25 kg

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION		MODELS				€
19018632	ANCHORING BASE N/R-11	The LR fast-spin washer extractors must be installed anchored to the floor. Therefore, Fagor offers the anchoring bases for these LR washer extractors as an option.	11				-
19013631	ANCHORING BASE N/R-14			14			-
19013632	ANCHORING BASE N/R-18	The price of the machine does not include the anchoring base.			18		-
19013633	ANCHORING BASE N/R-25					25	-
19038354	DOUBLE DRAIN KIT 3" (external)	Recommended for LR-11 and LR-14 machines	11	14	18	25	-
19040866	DOUBLE DRAIN KIT N/R-18/25/35				18	25	-
19034838	EXTRA DOSAGE KIT	6 extra signals for dosing	11	14	18	25	-
19068044	WASHER PRINTER KIT		11	14	18	25	-
19004570	STEAM KIT N/R/H-11/14/18	To convert an E or HW machine to Steam version (S)	11	14	18		-
19004571	STEAM KIT N/R/H-25					25	-



# Normal spin

G Force = 200 / 150



LN-35 TP2

- EFFICIENT MIX
- BALANCE CONTROL
- TOUCH PLUS CONTROL
- MULTI-CHOICE INLET
- WET CLEANING
- MAINT. CARE
- OPTIMIZED DRUM
- OPTIMAL CONSUMP.

01.

This range is specially designed and conceived for those markets and customers who look for a simple washer.

02.

Hard-mounted machines with a G force of 200, these models stand out for their energy efficiency and low detergent and water consumption.

03.

The range is available with capacities of between 11 and 60 kg.

## Sluice option washers

Washers commonly used by healthcare and social care centres.

Essential for wash processes of sheets and other fabrics with solid contamination (vomit, faeces, etc).

Before dosing the chemical products, the washer makes some cold water rinses with maximum water levels and constant spin so that solid contaminants are detached from the linen.

Thanks to the Ø 8 mm perforations in the drum, these solid elements leave the drum easily and are suspended in the water, leaving straight to the drain through the upper overflow of the tank (overflow with increased dimensions of 3" to improve the process and prevent blockage).

# Robustness and reliability

Washers with features at the level of the most sophisticated high-spin ranges



## General characteristics

- Hard-mounted normal-spin machines, with G Force = 200 and spinning speed between 458 and 538 r.p.m. depending on the model.
- Installation on a concrete plinth and a metal base (anchoring base optional).
- Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
- Stainless steel drum.
- KARE Control, Touch Plus Control.
- Traceability - data storage.
- Large diameter door.

### Options:

- Anchoring base as an option for correct fixation to the floor.
- Unit exterior in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Double drain kit to recover the water, with important savings.
- Drain pump kit (11 and 14 kg).
- Reversible door opening.
- Silicone door seal.
- 6 extra signals for dosing

- Full Flow: water recirculation for very delicate linen (wet cleaning complement).
- Electric versions for ships.
- Tropicalised models with protective covering for the electronics system.

# Normal spin

Hard-Mounted Machines | **G Force = 200** | 11 - 14 - 18 - 25 - 35 Kg | **G Force = 150** | 60 Kg

## General characteristics



LN-35 TP2

- Drum and jacket in AISI-304 stainless steel.
  - Unit exterior manufactured in skin plate, colour grey, stainless steel appearance.
  - Detergent dispenser with 4 compartments
  - 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
  - 3 standard water inlets.
  - Variable-frequency drive (standard 50-60 Hz). Balancing system controlled by the same drive.
  - New second-generation TOUCH PLUS programmer with 7" touch screen, 37 available languages and which lets you create an indefinite number of programs (29 pre-set).
  - Allows programming, importing and exporting of programs and software updates via USB.
  - Traceability as standard: the whole wash process (temperatures, water levels) is stored on the washer and is extractable to a PC by USB memory.
  - Wet Cleaning characteristics included in the programmer (modifiable water levels and washing speed).
  - Intelligent weighing system or manual load indication system to optimise water and detergent consumption at lower loads.
  - "LOADING AID" system, water inlet and spin control to load the linen.
  - The standard model can be converted to self-service by installing a pay station kit, coin mechanism kit or other payment system. RS-485 communication.
  - Washers compatible with water recovery tanks.
  - CE and WRAS product certifications. Optional ETL-certified version of the machine.
- ANCHORAGE TO THE FLOOR**
- These machines need to be anchored to the floor.
  - FAGOR offers anchoring bases specific to each model, which must be ordered separately (see table of optional kits).
  - The price of the machine does not include the anchoring base.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR	SPIN		HEATING		VOLT	ELEC POWER	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER	(**)	MÁX - KW		
LN-11 TP2 E	19058460	18001875	11	10	620x330	100	373	759	200	E	6 kW	T	6,25	719x684x1.158	-
LN-11 TP2 HW	19061848	18002000	11	10	620x330	100	373	759	200	HW		M	1,10	719x684x1.158	-
LN-11 TP2 S	19061849	18002001	11	10	620x330	100	373	759	200	S	7 kg/h	M	1,10	719x684x1.158	-
LN-14 TP2 E	19058459	18001874	14	13	620x430	130	373	759	200	E	9 kW	T	9,50	719x830x1.158	-
LN-14 TP2 HW	19061850	18001998	14	13	620x430	130	373	759	200	HW		M	1,10	719x830x1.158	-
LN-14 TP2 S	19061851	18001999	14	13	620x430	130	373	759	200	S	8,5 kg/h	M	1,10	719x830x1.158	-
LN-18 TP2 E	19058458	18001873	20	18	700x470	180	460	714	200	E	12 kW	T	12,75	788x840x1.307	-
LN-18 TP2 HW	19061852	18001996	20	18	700x470	180	460	714	200	HW		M	2,20	788x840x1.307	-
LN-18 TP2 S	19061853	18001997	20	18	700x470	180	460	714	200	S	12 kg/h	M	2,20	788x840x1.307	-
LN-25 TP2 E	19058457	18001872	28	25	770x530	250	460	682	200	E	18 kW	V	19,00	884x1.011x1.307	-
LN-25 TP2 HW	19061854	18001994	28	25	770x530	250	460	682	200	HW		M	3,00	884x1.011x1.307	-
LN-25 TP2 S	19061855	18001995	28	25	770x530	250	460	682	200	S	15 kg/h	M	3,00	884x1.011x1.307	-
LN-35 TP2 E	19058455	18001871	39	35	860x602	350	560	644	200	E	21 kW	V	22,00	979x1.066x1.411	-
LN-35 TP2 HW	19061856	18001992	39	35	860x602	350	560	644	200	HW		M	4,00	979x1.066x1.411	-
LN-35 TP2 S	19061857	18001993	39	35	860x602	350	560	644	200	S	18 kg/h	M	4,00	979x1.066x1.411	-
LN-60 TP2 E	19058403	18001855	67	60	1.048x684	600	560	505	150	E	28,8 kW	X	31,30	1.225x1.279x1.640	-
LN-60 TP2 HW	19061903	18001942	67	60	1.048x684	600	560	505	150	HW		X	5,50	1.225x1.279x1.640	-
LN-60 TP2 S	19061904	18001943	67	60	1.048x684	600	560	505	150	S	19 kg/h	X	5,50	1.225x1.279x1.640	-

(\*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.  
Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

### Heating systems in models 11 - 14 - 18 - 25 - 35 - 60

E: Electric Heating System  
Heated by means of stainless steel armoured heating elements.  
HW: Hot Water inlet. Wash with hot water from the network.  
S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.

### (\*\*) Standard voltages in 11 - 14 - 18 - 25 - 35 - 60 models

M: SINGLE-PHASE model. Convertible to: - 230 V 3 ~ (Three-phase)  
- 400 V 3N (Three-phase)  
T: THREE-PHASE model 400 V 3N / 230 V 3 ~. Convertible to: - 230 V 1N (Single-phase)  
V: MODEL 400 V 3N. Convertible to: - 230 V 3 ~  
X: MODEL 400 V 3N. Upon request: - 230 V 3 ~

## Options for washer extractors LN 11 - 14 - 18 - 25 - 35 - 60 kg

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	CODE	ABBREVIATION	DESCRIPTION	MODELS						€	
ACCESSORIES	ZC_006_0013-0001	RD	REVERSIBLE DOOR	11	14	18	25	35	60	-	
	ZC_006_0013-0003	UD	AUTOMATIC UNBLOCKAGE	11	14	18	25	35	60	-	
	ZC_006_0013-0005	TR	TROPICALISED	11	14	18	25	35	60	-	
	ZC_006_0013-0010	PR	PRINTER	11	14	18	25	35	60	-	
	ZC_006_0013-0014	RC	RECIRCULATION N/R-11	11							-
	ZC_006_0013-0016	RC	RECIRCULATION N/R-14		14						-
	ZC_006_0013-0018	RC	RECIRCULATION N/R-18			18					-
	ZC_006_0013-0020	RC	RECIRCULATION N/R-25				25				-
	ZC_006_0013-0022	RC	RECIRCULATION N/R-35					35			-
	ZC_006_0013-0025	RC	RECIRCULATION N-60						60		-
	ZC_006_0013-0009	SL	SLUICE OPTION N-11	11							-
	ZC_006_0013-0027	SL	SLUICE OPTION N-14		14						-
	ZC_006_0013-0028	SL	SLUICE OPTION N-18			18					-
	ZC_006_0013-0029	SL	SLUICE OPTION N-25				25				-
	ZC_006_0013-0030	SL	SLUICE OPTION N-35					35			-
	ZC_006_0013-0002	SG	SILICONE SEAL 8-14	11	14						-
	ZC_006_0013-0032	SG	SILICONE SEAL 18-25			18	25				-
	ZC_006_0013-0035	XD	EXTRA DOSAGE 11-35	11	14	18	25	35			-
	ZC_006_0013-0036	XD	EXTRA DOSAGE 45-120						60		-
	EXTERNAL CASE	ZC_006_0015-0003	SSC	STAINLESS STEEL UNIT N/R-11	11						-
ZC_006_0015-0004		SSF	STAINLESS STEEL FRONT N/R-11	11						-	
ZC_006_0015-0007		SSC	STAINLESS STEEL UNIT N/R-14		14					-	
ZC_006_0015-0008		SSF	STAINLESS STEEL FRONT N/R-14		14					-	
ZC_006_0015-0011		SSC	STAINLESS STEEL UNIT N/R-18			18				-	
ZC_006_0015-0012		SSF	STAINLESS STEEL FRONT N/R-18			18				-	
ZC_006_0015-0015		SSC	STAINLESS STEEL UNIT N/R-25				25			-	
ZC_006_0015-0016		SSF	STAINLESS STEEL FRONT N/R-25				25			-	
ZC_006_0015-0019		SSC	STAINLESS STEEL UNIT N/R-35					35		-	
ZC_006_0015-0020		SSF	STAINLESS STEEL FRONT N/R-35					35		-	
ZC_006_0015-0023		SSC	STAINLESS STEEL UNIT N-60						60	-	
ZC_006_0015-0024		SSF	STAINLESS STEEL FRONT N-60						60	-	
DRAIN OPTIONS	ZC_006_0018-0009	NC	DRAIN NORMALLY CLOSED N/R-11	11						-	
	ZC_006_0018-0017	NC	DRAIN NORMALLY CLOSED N/R-14		14					-	
	ZC_006_0018-0025	NC	DRAIN NORMALLY CLOSED N/R-18			18				-	
	ZC_006_0018-0026	DD	DOUBLE DRAIN N/R-18/25/35			18	25	35		-	
	ZC_006_0018-0033	NC	DRAIN NORMALLY CLOSED N/R-25				25			-	
	ZC_006_0018-0041	NC	DRAIN NORMALLY CLOSED N/R-35					35		-	
	ZC_006_0018-0053	NC	DRAIN NORMALLY CLOSED N-60						60	-	
ZC_006_0018-0054	DD	DOUBLE DRAIN N-60						60	-		
VOLTAGE OPTIONS	ZC_006_0020-0001	400V 3N 50/60Hz	400V 3N 50/60Hz 08-11	11						-	
	ZC_006_0020-0002	230V 3~ 50/60Hz	230V 3~ 50/60Hz 08-11	11						-	
	ZC_006_0020-0003	230V 1N 50/60Hz	230V 1N 50/60Hz 08-11	11						-	
	ZC_006_0020-0005	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 08-11	11						-	
	ZC_006_0020-0006	400V 3N 50/60Hz	400V 3N 50/60Hz 14		14					-	
	ZC_006_0020-0007	230V 3~ 50/60Hz	230V 3~ 50/60Hz 14		14					-	
	ZC_006_0020-0008	230V 1N 50/60Hz	230V 1N 50/60Hz 14		14					-	
	ZC_006_0020-0009	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 14		14					-	
	ZC_006_0020-0010	400V 3N 50/60Hz	400V 3N 50/60Hz 18			18				-	
	ZC_006_0020-0011	230V 3~ 50/60Hz	230V 3~ 50/60Hz 18			18				-	
	ZC_006_0020-0012	230V 1N 50/60Hz	230V 1N 50/60Hz 18			18				-	
	ZC_006_0020-0013	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 18			18				-	
	ZC_006_0020-0014	400V 3N 50/60Hz	400V 3N 50/60Hz 25				25			-	
	ZC_006_0020-0015	230V 3~ 50/60Hz	230V 3~ 50/60Hz 25				25			-	
	ZC_006_0020-0016	230V 1N 50/60Hz	230V 1N 50/60Hz 25				25			-	
	ZC_006_0020-0017	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 25				25			-	
	ZC_006_0020-0032	400V 3N 50/60Hz	400V 3N 50/60Hz 35					35		-	
	ZC_006_0020-0033	230V 3~ 50/60Hz	230V 3~ 50/60Hz 35					35		-	
	ZC_006_0020-0034	230V 1N 50/60Hz	230V 1N 50/60Hz 35					35		-	
	ZC_006_0020-0035	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 35					35		-	
ZC_006_0020-0025	400V 3N 50/60Hz	400V 3N 50/60Hz 60						60	-		
ZC_006_0020-0026	230V 3~ 50/60Hz	230V 3~ 50/60Hz 60						60	-		
ZC_006_0020-0028	440V 3~ (No N) 50/60 Hz	440V 3~ (No N) 50/60 Hz 60						60	-		

Kits for washer extractors **LN 11 - 14 - 18 - 25 - 35 - 60 kg**

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION		MODELS						€
19018632	ANCHORING BASE N/R-11		11						-
19013631	ANCHORING BASE N/R-14	The LN normal-spin washer extractors must be installed anchored to the floor. Therefore, Fagor offers the anchoring bases for these LN washer extractors as an option.	14						-
19013632	ANCHORING BASE N/R-18		18						-
19013633	ANCHORING BASE N/R-25		25						-
19013634	ANCHORING BASE N-35		35						-
19034831	ANCHORING BASE N-60		60						-
19038354	DOUBLE DRAIN KIT 3" (external)	Recommended for LN-11 and LN-14 machines	11	14	18	25	35	60	-
19040866	DOUBLE DRAIN KIT N/R-18/25/35		18 25 35						-
19035697	DOUBLE DRAIN KIT N-60		60						-
19034838	EXTRA DOSAGE KIT	6 extra signals for dosing	11	14	18	25	35	60	-
19068044	WASHER PRINTER KIT		11	14	18	25	35	60	-
19004570	STEAM KIT N/R/H-11/14/18		11	14	18				-
19004571	STEAM KIT N/R/H-25	To convert an E or HW machine to Steam version (S)	25						-
19019013	STEAM KIT N/R-35		35						-
19035698	STEAM KIT N-60		60						-

**HAAGOR**





# Sanitary Barrier

Gama LMED (16-22 kg).....	059
Gama LBS (27, 35, 50, 70 kg).....	061
Gama Pullman (100 kg) .....	063

Special models or any other variant on the standard model are to be assembled in factory, and carry a supplement over the price indicated for the standard model.

Please consult Fagor Industrial for any other variant or option not reflected on this list.



# Sanitary barrier

G Force > 300



LBS-70 TP2

- MAINT.  
CARE
- OPTIMAL  
CONSUMP.
- WET  
CLEANING
- TOUCH  
PLUS  
CONTROL
- EFFICIENT  
MIX
- MULTI-  
CHOICE  
INLET
- BALANCE  
CONTROL
- AUTO  
WEIGHT

01.

The strict sanitary rules (RABC) require powerful machines with special washing processes for hospitals, pharmaceutical, nuclear and cosmetics industries, prisons, etc. The barrier washer, installed between two separate areas, avoids all contact between dirty (infectious) linen and the clean linen, and any type of cross-contamination during the process. At the same time, their ergonomic design allows efficient work, which increases production by a high percentage.

02.

The FAGOR sanitary barrier washers range is very wide and stands out for its advanced technology and characteristics, high spinning speed and easy installation. With capacities from 16 to 100 kg, they are perfect to adapt to the needs of this specific and demanding market.

03.

All the machines include the new TP2 microprocessor, with 4.3" touch screen in the LMED range, and two 7" screens in the LBS ranges, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.

## Barrier Concept



Installed between two separate areas, avoids all contact between dirty (infectious) linen and the clean linen, and any type of cross-contamination during the process.

At the same time, their ergonomic design allows efficient work, which increases production by a high percentage.

## Composition of the ranges

TYPE OF CONTROL	HEATING	LOW CAPACITY LMED SERIES		MEDIUM CAPACITY LBS SERIES			HIGH CAPACITY PUL-LMAN SERIES	
		16 -18 KG	22 - 25 KG	27 - 30 KG	35 - 39 KG	49 - 54 KG	70 - 78 KG	90 - 100 KG
Touch Plus (TP2) programmable control	Electric - Steam Double heating E+V	LMED-16 TP2	LMED-22 TP2	LBS-27 TP2	LBS-35 TP2	LBS-50 TP2	LBS-70 TP2	LBS-100 TP2

## General characteristics

---

01.

### Touch Plus Control

- Easy to use and fully programmable
- Traceability as standard.
- 8 dosage signals as standard.
- Screens in both parts of the machine (second screen optional in the LMED models).
- Touch screen operated from the dirty linen side and only visible on the clean linen side, to show the state of the washing programs.
- USB connection. Free PC software for programming, traceability, data analysis...
- Designed for remote communication.
- Personalisation of programs in accordance with each need.
- Wet cleaning.

Optional:

- Printer:
- 6 extra dosage signals.
- Second information screen for LMED.

02.

### Maintenance

- Electrical part to the left, mechanical to the right, connections at the top.
- Easy access to all the components.
- Easier to connect, all connections protected from water and detergents.
- Central drain
- Technical menu.
- Statistics, alarms, auto-test, data recovery for technicians and maintenance.

Optional:

- Side drain.
- Low steam pressure: to allow the installation of steam-heated washers with low steam pressure in situ.

03.

### Outstanding Features

- Double screen in LBS and Pullman models; optional second information screen in LMED models.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation (LBS models; optional in LMED models).
- 3 water inlets in LBS models and 2 in LMED models.
- Wet cleaning: equipped with all the functions for use of the delicate linen wet cleaning programs (useful in residences).
- Outer body in skin plate, easy to clean.

Optional:

- Detergent tray kit.
- Dual electric-steam heating: saves energy.
- Second drain valve to reclaim the water.
- Tap for extracting water for samples.
- UPS kit to release the drum brake in the case of electric power cut.
- Outer body in AISI 304 stainless steel.

04.

### Ergonomics

- The large door opening aids loading and unloading of linen; the largest door opening on the market.
- Drum easy to open with push button.
- Loading height: 800 mm.

Optional:

- Plinths for 850 mm loading height.

05.

### Efficiency

- Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Optimum load.
- Designed for water recovery tanks. Low water consumption.
- High G FORCE
- Reduced residual moisture.
- Reduced drying time.

Optional:

- Automatic weighing system in the feet.

LMED Range | **G Force = 350** | 16 - 22 Kg

General Characteristics



LMED-22 TP2

- G FORCE 350
- New TP2 processor with 4.3" touch screen on the dirty side (optional on the clean side).
- Heating versions: electric and steam.
- Double heating version, selectable electric and steam.
- 29 programs pre-set from factory.
- Traceability as standard.
- 2 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings. 6 extra signals available optionally.
- Designed for water recovery tanks. Low water consumption.
- 1-compartment horizontal spin drum.
- Loading and unloading doors. Door locks with safety opening.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	ELEC POWER MAX - KW	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1:9)	(1:10)	Ø X DEPTH	LITRES	MM	R.P.M.	G	TYPE	POWER					
LMED-16 TP2 E	19066871	18002262	18	16	633x500	158	400x315	1,000	350	E	12 kW	X	14.20	984x914x1,398	-	
LMED-16 TP2 S	19066872	18002263	18	16	633x500	158	400x315	1,000	350	S		X	2.20	984x914x1,398	-	
LMED-16 TP2 ES	19066873	18002264	18	16	633x500	158	400x315	1,000	350	E/S	12 kW	X	14.20	984x914x1,398	-	
LMED-22 TP2 E	19066874	18002265	25	22	633x700	220	400x315	1,000	350	E	18 kW	X	20.20	1,184x914x1,398	-	
LMED-22 TP2 S	19066875	18002266	25	22	633x700	220	400x315	1,000	350	S		X	2.20	1,184x914x1,398	-	
LMED-22 TP2 ES	19066876	18002267	25	22	633x700	220	400x315	1,000	350	E/S	18 kW	X	20.20	1,184x914x1,398	-	

(\*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.  
 Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

Heating systems in models 16 - 22

- E: Electric Heating System  
Heated by means of stainless steel armoured heating elements.
- S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.
- E/S: Possibility of choosing electric or steam heating system

(\*\*) Standard voltages in 16 - 22

X: 400 V 3N - 50/60 Hz model Upon request: - 230 V 3 ~

## Options for LMED sanitary barrier washers

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	VALOR	ABBREVIATION	DESCRIPTION	LMED	€
ACCESSORIES	ZC_006_0023-0002	WS	WEIGHING SYSTEM	16 22	-
	ZC_006_0023-0009	SDV	SIDE DRAIN VALVE	16 22	-
	ZC_006_0023-0015	3WI	3rd WATER INLET	16 22	-
	ZC_006_0023-0010	DBX	DETERGENT BOX	16 22	-
	ZC_006_0023-0001	UPS	UPS - ELECTRIC BATTERY MOTOR BRAKE (SAFETY)	16 22	-
	ZC_006_0023-0014	BR	MOTOR BRAKE	16 22	-
	ZC_006_0023-0003	XD	6 EXTRA DOSAGE SIGNALS	16 22	-
	ZC_006_0023-0013	2SC	SECOND SCREEN	16 22	-
	ZC_006_0023-0007	DD	2nd DRAIN VALVE	16 22	-
	ZC_006_0023-0008	TV	TITRATION VALVE	16 22	-
	ZC_006_0023-0011	SSC	STAINLESS STEEL CASE	16	-
	ZC_006_0023-0021	SSC	STAINLESS STEEL CASE	22	-
	ZC_006_0023-0012	WM	WOODEN MARITIME PACKAGING	16	-
	ZC_006_0023-0026	WM	WOODEN MARITIME PACKAGING	22	-
	ZC_006_0023-0004	PR	PRINTER KIT	16 22	-
	ZC_006_0023-0006	LPS	LOW PRESSURE STEAM	16 22	-
VOLTAGE OPTIONS	ZC_006_0022-0009	230-400/50-60/3-3N	230-400/50-60/3-3N	16	-
	ZC_006_0022-0010	230-400/50-60/3-3N	230-400/50-60/3-3N	22	-
	ZC_006_0022-0011	230/50-60/1N	230/50-60/1N	16 22	-
	ZC_006_0022-0012	440/60/3 (marine)	440/60/3 (marine)	16 22	-

## Kits for LMED sanitary barrier washers

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS	€	
19068603	KIT WEIGHING SYSTEM MED	16 22	-	
19068605	KIT 6 EXTRAS DOSING SIGNALS	16 22	-	
19068612	KIT SIDE DRAIN VALVE	16 22	-	
19068610	KIT UPS 16-22	UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)	16 22	-
19068607	KIT DETERGENT BOX 16	16	-	
19068608	KIT DETERGENT BOX 22	22	-	
19068044	KIT PRINTER	16 22	-	
19068584	BASE FOR DOOR BASE (850 mm) 16	16	-	
19068587	BASE FOR DOOR BASE (850 mm) 22	22	-	
19068594	STAINLESS STEEL FRAME FOR WALL MOUNTING 16	16	-	
19068596	STAINLESS STEEL FRAME FOR WALL MOUNTING 22	22	-	

LBS Range | G Force = 375 | 27 - 35 - 50 - 70 Kg



LBS-50 TP2

General characteristics

- G Force 375.
- New TP2 processor with two 7" screens, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.
- External steel casing with grey coating (skinplate), stainless steel, easy to clean finish.
- Heating versions: electric and steam.
- Double heating version, selectable electric and steam.
- 29 programs pre-set from factory.
- Traceability as standard.
- 3 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Designed for water recovery tanks. Low water consumption.
- 1-compartment horizontal spin drum (LBS-70 models with two compartments).
- Loading and unloading doors. Door locks with safety opening.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation. Loading height: 800 mm.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning.

MODEL	CODE (*)		CAPACITY KG		DRUM		DOOR Ø	SPIN R.P.M.	G	HEATING		VOLT (**)	ELEC POWER MÁX - KW	DIMENSIONS MM	€ (*)
	STANDARD	CONFIGURABLE	(1.9)	(1:10)	Ø X DEPTH	LITRES				TYPE	POWER				
LBS-27 TP2 E	19066877	18002268	30	27	800x530	266	480x515	920	375	E	18 kW	X	22.00	1,200x1,098x1,580	-
LBS-27 TP2 S	19066878	18002269	30	27	800x530	266	480x515	920	375	S		X	4.00	1,200x1,098x1,580	-
LBS-27 TP2 ES	19066879	18002270	30	27	800x530	266	480x515	920	375	E/S	18 kW	X	22.00	1,200x1,098x1,580	-
LBS-35 TP2 E	19066880	18002271	39	35	800x690	347	640x515	920	375	E	27 kW	X	31.00	1,359x1,098x1,580	-
LBS-35 TP2 S	19066881	18002272	39	35	800x690	347	640x515	920	375	S		X	4.00	1,359x1,098x1,580	-
LBS-35 TP2 ES	19066882	18002273	39	35	800x690	347	640x515	920	375	E/S	27 kW	X	31.00	1,359x1,098x1,580	-
LBS-50 TP2 E	19066883	18002274	54	49	800x974	489	640x515	920	375	E	36 kW	X	41.50	1,654x1,098x1,580	-
LBS-50 TP2 S	19066884	18002275	54	49	800x974	489	640x515	920	375	S		X	5.50	1,654x1,098x1,580	-
LBS-50 TP2 ES	19066885	18002276	54	49	800x974	489	640x515	920	375	E/S	36 kW	X	41.50	1,654x1,098x1,580	-
LBS-70 TP2 E	19066886	18002277	78	70	800x1380	694	640x515 <sup>(2)</sup>	920	375	E	45 kW	X	52.50	2,060x1,098x1,580	-
LBS-70 TP2 S	19066887	18002278	78	70	800x1380	694	640x515 <sup>(2)</sup>	920	375	S		X	7.50	2,060x1,098x1,580	-
LBS-70 TP2 ES	19066888	18002279	78	70	800x1380	694	640x515 <sup>(2)</sup>	920	375	E/S	45 kW	X	52.50	2,060x1,098x1,580	-

(\*) : STANDARD Code: Use this code for orders of machines which do not include any option or version different to standard. The retail price is the one shown in the table.  
 Code WITH OPTIONS: Use this code for orders of machines which include any option or options from the table OPTIONS FOR WASHERS. The retail price is calculated by adding the price increases for each option to the retail price of the standard code.

Heating systems in models 27 - 35 - 50 - 70

E: Electric Heating System  
 Heated by means of stainless steel armoured heating elements.  
 S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.  
 E/S: Possibility of choosing electric or steam heating system

(\*\*) Standard voltages in 27 - 35 - 50 - 70

X: 400 V 3N - 50/60 Hz model. Upon request: - 230 V 3 ~

## Options for LBS sanitary barrier washers

Versions and options available to include in configurable codes "18".

Factory assembly for machines ordered with their configurable code.

OPTION	VALUE	ABBREVIATION	DESCRIPTION	LBS				€
ACCESSORIES	ZC_006_0023-0002	WS	WEIGHING SYSTEM	27	35	50	70	-
	ZC_006_0023-0016	SDV	SIDE DRAIN VALVE	27	35	50	70	-
	ZC_006_0023-0017	DBX	DETERGENT BOX	27	35	50	70	-
	ZC_006_0023-0018	UPS	UPS - ELECTRIC BATTERY MOTOR BRAKE (SAFETY)	27	35	50	70	-
	ZC_006_0023-0003	XD	6 EXTRA DOSAGE SIGNALS	27	35	50	70	-
	ZC_006_0023-0020	SDV	2nd DRAIN VALVE	27	35	50	70	-
	ZC_006_0023-0008	TV	TITRATION VALVE	27	35	50	70	-
	ZC_006_0023-0022	SSC	STAINLESS STEEL CASE	27				-
	ZC_006_0023-0023	SSC	STAINLESS STEEL CASE		65			-
	ZC_006_0023-0024	SSC	STAINLESS STEEL CASE			50		-
	ZC_006_0023-0025	SSC	STAINLESS STEEL CASE				70	-
	ZC_006_0023-0027	WM	WOODEN MARITIME PACKAGING	27				-
	ZC_006_0023-0028	WM	WOODEN MARITIME PACKAGING		65			-
	ZC_006_0023-0029	WM	WOODEN MARITIME PACKAGING			50		-
	ZC_006_0023-0030	WM	WOODEN MARITIME PACKAGING				70	-
	ZC_006_0023-0031	PRT	PRINTER KIT	27	35	50	70	-
ZC_006_0023-0032	LPS	LOW PRESSURE STEAM	27	35	50	70	-	
VOLTAGE OPTIONS	ZC_006_0022-0001	400/50-60/3N	400/50-60/3N	27				-
	ZC_006_0022-0002	400/50-60/3N	400/50-60/3N		35			-
	ZC_006_0022-0003	400/50-60/3N	400/50-60/3N			50		-
	ZC_006_0022-0004	400/50-60/3N	400/50-60/3N				70	-
	ZC_006_0022-0005	230/50-60/3	230/50-60/3	27				-
	ZC_006_0022-0006	230/50-60/3	230/50-60/3		35			-
	ZC_006_0022-0007	230/50-60/3	230/50-60/3			50		-
	ZC_006_0022-0008	230/50-60/3	230/50-60/3				70	-
ZC_006_0022-0012	440/60/3 (marine)	440/60/3 (marine)	27	35	50	70	-	

## Kits for LBS sanitary barrier washer

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS				€
19068603	KIT WEIGHING SYSTEM LBS 16-50	27	35	50		-
19068604	KIT WEIGHING SYSTEM LBS 70				70	-
19068605	KIT 6 EXTRAS DOSING SIGNALS	27	35	50	70	-
19068613	KIT SIDE DRAIN VALVE 27-70	27	35	50	70	-
19068609	KIT DETERGENT BOX 27-50	27	35	50		-
19068611	KIT UPS 27-70					UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)
19068044	KIT PRINTER	27	35	50	70	-
19068588	BASE FOR DOOR BASE (850 mm) 27	27				-
19068590	BASE FOR DOOR BASE (850 mm) 35		35			-
19068592	BASE FOR DOOR BASE (850 mm) 50			50		-
19068593	BASE FOR DOOR BASE (850 mm) 70				70	-
19068598	STAINLESS STEEL FRAME FOR WALL MOUNTING 27	27				-
19068599	STAINLESS STEEL FRAME FOR WALL MOUNTING 35		35			-
19068600	STAINLESS STEEL FRAME FOR WALL MOUNTING 50			50		-
19068602	STAINLESS STEEL FRAME FOR WALL MOUNTING 70				70	-
19074114	KIT DRUM DOOR OPENING TOOL	27	35	50	70	-
						Inner Door easier opening tool

## Pullman Range | G Force = 325 | 100 Kg

### General Characteristics



LBS-100 TP2

- G Force 375.
- Pullman-type axial separation drum, 2 compartments.
- New TP2 processor with two 7" screens, a touch screen for programming on the dirty linen loading side, and an information screen on the unloading side in the clean zone.
- External steel casing with grey coating (skinplate), stainless steel, easy to clean finish.
- Heating versions: electric and steam.
- 29 programs pre-set from factory.
- 3 water inlets.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- Optimum load. Intelligent weighing system.
- Possibility of configuring three levels of savings.
- Loading and unloading doors. Door locks with safety opening.
- Automatic drum positioning with motor brake to facilitate the loading and unloading operation. Loading height: 960 mm.
- Electrical part to the left, mechanical to the right, connections at the top.
- Central drain
- Technical menu. Statistics, alarms, auto-test, data recovery for technicians and maintenance.
- Motor with variable-frequency drive incorporated.
- Prepared for Wet cleaning.
- Requires compressed air supply.

MODEL	CODE	CAPACITY KG		DRUM		DOOR		SPIN		HEATING		VOLT (**)	ELEC. POWER MÁX - KW	DIMENSIONS MM	€
		(1:9)	(1:10)	Ø X DEPTH	LITRES	Ø	R.P.M.	G	TYPE	POWER					
LBS-100 TP2 E	19072295	100	90	1050x1032	900	900x500	750	325	E	60 kW	X	75,00	1.677x1.344x1.960	-	
LBS-100 TP2 S	19072296	100	90	1050x1032	900	900x500	750	325	S		X	15,00	1.677x1.344x1.960	-	

#### Heating systems in models 100

#### (\*\*) Standard voltages in 100

- E: Electric Heating System  
Heated by means of stainless steel armoured heating elements.
- S: Function with steam produced by external generators, admitting pressures of 4 kg/cm<sup>2</sup>.

X: MODEL 400 V 3N - 50/60 Hz model. Upon request: - 230 V 3 ~

### Options for PULLMAN sanitary barrier washers

Factory assembly for machines ordered with their configurable code.

NAME OF CHARACTERISTIC	ABBREVIATION	DESCRIPTION	€
ACCESSORIES	XD	6 EXTRA DOSAGE SIGNALS	-
	TV	TITRATION VALVE	-
	DH	DOUBLE HEATING: ELECTRIC AND STEAM.	-
	PR	PRINTER	-
	DBX	SOAP DISPENSER	-
	UPS	UPS - ELECTRIC BATTERY FOR MOTOR BRAKE (SECURITY)	-
	SSC	CASE INOX LBS-100	-
VOLTAGE	230/50-60/3	230/50-60/3	-
	440/60/3 (marine)	440/60/3 (marine)	-
PACKAGING	WM	WOODEN MARITIME PACKAGING	-

### Kits for PULLMAN sanitary barrier washers

Kits available to incorporate into machines already assembled.

CODE	KIT DESCRIPTION	MODELS	€
19004409	STAINLESS STEEL WALL EMBEDDING FRAME PULLMAN	100	-



## Codes for different voltages and frequencies

## High spin washer extractors

MOD.	REF. / COD. ST	400 III+N 50 HZ	230 III 50 HZ	230 I+N 50 HZ	400 III+N 60 HZ	230 III 60 HZ	230 I+N 60 HZ	440 III 50/60 HZ
LA-11 TP2 E	18001864	ST	ST	ST	ST	ST	ST	OPT
LA-11 TP2 HW	18001980	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-11 TP2 S	18001981	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-14 TP2 E	18001863	ST	ST	ST	ST	ST	ST	OPT
LA-14 TP2 HW	18001978	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-14 TP2 S	18001979	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-18 TP2 E	18001856	ST	ST	ST	ST	ST	ST	OPT
LA-18 TP2 HW	18001860	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-18 TP2 S	18001861	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-25 TP2 E	18001862	ST	ST	NO	ST	ST	NO	OPT
LA-25 TP2 HW	18001976	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-25 TP2 S	18001977	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LA-35 TP2 E	18001868	ST	OPT	NO	ST	OPT	NO	OPT
LA-35 TP2 HW	18001974	ST	OPT	NO	ST	OPT	NO	NO
LA-35 TP2 S	18001975	ST	OPT	NO	ST	OPT	NO	NO
LA-45 TP2 E	18001851	ST	OPT	NO	ST	OPT	NO	OPT
LA-45 TP2 HW	18001936	ST	OPT	NO	ST	OPT	NO	NO
LA-45 TP2 S	18001937	ST	OPT	NO	ST	OPT	NO	NO
LA-60 TP2 E	18001852	ST	OPT	NO	ST	OPT	NO	OPT
LA-60 TP2 HW	18001938	ST	OPT	NO	ST	OPT	NO	NO
LA-60 TP2 S	18001939	ST	OPT	NO	ST	OPT	NO	NO
LA-120 TP2 HW	18001853	ST	OPT	NO	ST	OPT	NO	NO
LA-120 TP2 S	18001941	ST	OPT	NO	ST	OPT	NO	NO

## Fast spin washer extractors

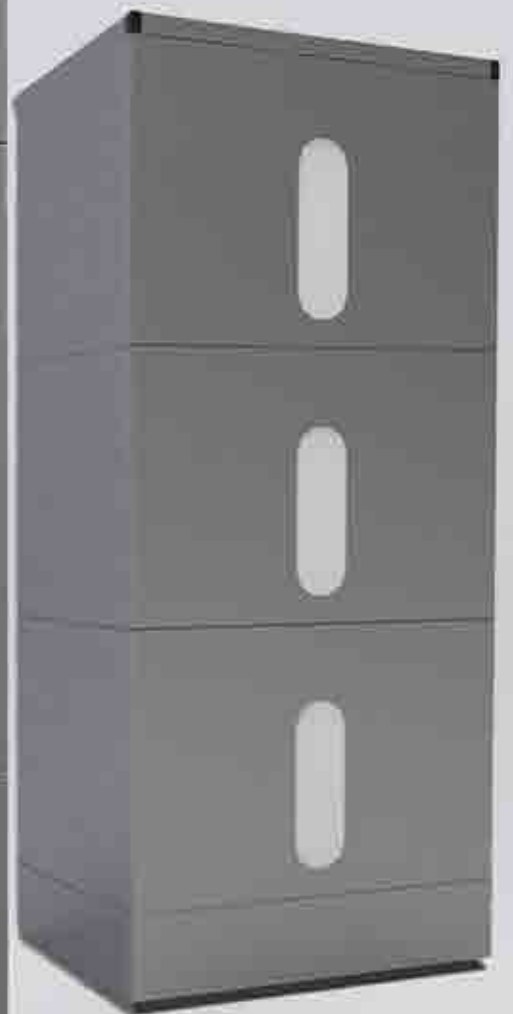
MOD.	REF. / COD. ST	400 III+N 50 HZ	230 III 50 HZ	230 I+N 50 HZ	400 III+N 60 HZ	230 III 60 HZ	230 I+N 60 HZ	440 III 50/60 HZ
LR-11 TP E	18001870	ST	ST	ST	ST	ST	ST	OPT
LR-11 TP HW	18001990	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-11 TP S	18001991	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-14 TP E	18001867	ST	ST	ST	ST	ST	ST	OPT
LR-14 TP HW	18001988	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-14 TP S	18001989	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-18 TP E	18001866	ST	ST	ST	ST	ST	ST	OPT
LR-18 TP HW	18001986	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-18 TP S	18001987	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-25 TP E	18001865	ST	ST	NO	ST	ST	NO	OPT
LR-25 TP HW	18001984	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LR-25 TP S	18001985	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO

## Normal spin washers

MOD.	REF. / COD.	400 III+N	230 III	230 I+N	400 III+N	230 III	230 I+N	440 III
	ST	50 HZ	50 HZ	50 HZ	60 HZ	60 HZ	60 HZ	50/60 HZ
LN-11 TP2 E	18001875	ST	ST	ST	ST	ST	ST	OPT
LN-11 TP2 HW	18002000	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-11 TP2 S	18002001	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-14 TP2 E	18001874	ST	ST	ST	ST	ST	ST	OPT
LN-14 TP2 HW	18001998	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-14 TP2 S	18001999	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-18 TP2 E	18001873	ST	ST	ST	ST	ST	ST	OPT
LN-18 TP2 HW	18001996	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-18 TP2 S	18001997	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-25 TP2 E	18001872	ST	ST	NO	ST	ST	NO	OPT
LN-25 TP2 HW	18001994	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-25 TP2 S	18001995	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-35 TP2 E	18001871	ST	ST	NO	ST	ST	NO	OPT
LN-35 TP2 HW	18001992	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-35 TP2 S	18001993	ST (230 I+N)	ST (230 I+N)	ST	ST (230 I+N)	ST (230 I+N)	ST	NO
LN-60 TP2 E	18001855	ST	OPT	NO	ST	OPT	NO	OPT
LN-60 TP2 HW	18001942	ST	OPT	NO	ST	OPT	NO	NO
LN-60 TP2 S	18001943	ST	OPT	NO	ST	OPT	NO	NO

## Sanitary barrier washers

MOD.	REF. / COD.	400 III+N+T	230 III+T	230 I+N+T	400 III+N+T	230 III+T	230 I+N+T	440 III
	ST	50 HZ	50 HZ	50 HZ	60 HZ	60 HZ	60 HZ	50/60 HZ
LMED-16 TP2 E	18002262	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-16 TP2 S	18002263	ST	ST	ST	ST	OPT.	ST	OPT.
LMED-16 TP2 ES	18002264	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-22 TP2 E	18002265	ST	OPT.	NO	ST	OPT.	NO	OPT.
LMED-22 TP2 S	18002266	ST	ST	ST	ST	OPT.	ST	OPT.
LMED-22 TP2 ES	18002267	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 E	18002268	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 S	18002269	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-27 TP2 ES	18002270	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 E	18002271	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 S	18002272	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-35 TP2 ES	18002273	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 E	18002274	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 S	18002275	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-50 TP2 ES	18002276	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 E	18002277	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 S	18002278	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-70 TP2 ES	18002279	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-100 TP2 E	19072295	ST	OPT.	NO	ST	OPT.	NO	OPT.
LBS-100 TP2 S	19072296	ST	OPT.	NO	ST	OPT.	NO	OPT.



# Water Recovery System

Water Recovery System .....	071
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Special models or any other variant on the standard model are to be assembled in factory, and carry a supplement over the price indicated for the standard model.

Please consult Fagor Industrial for any other variant or option not reflected on this list.

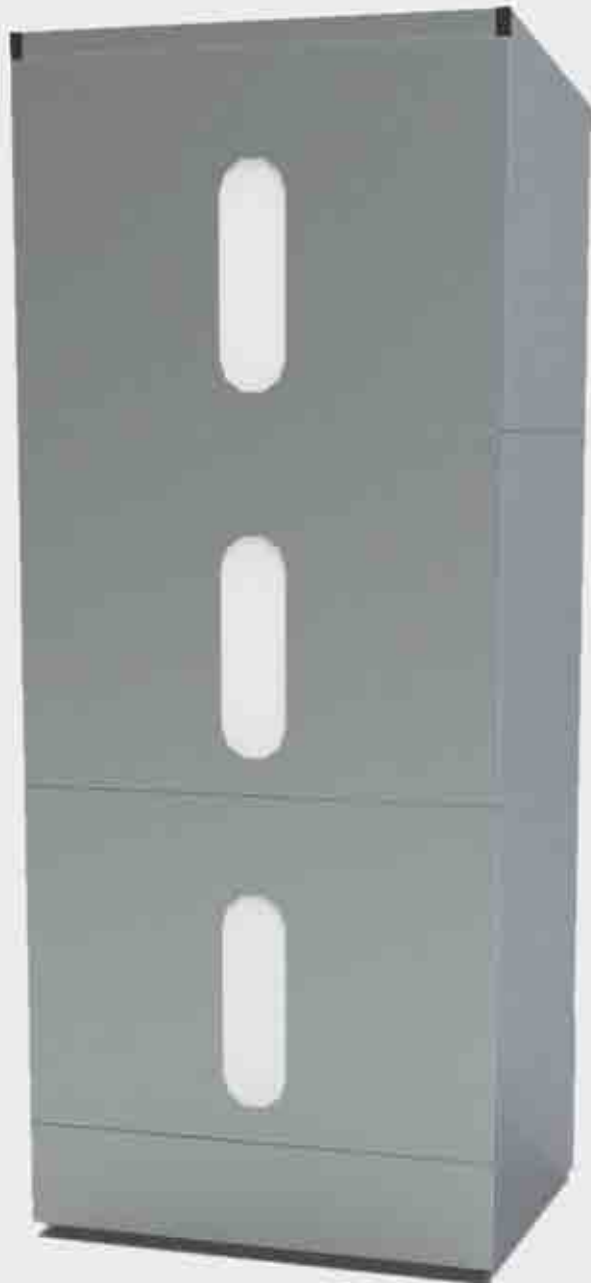


WREC-80 T1



WREC-80 T2

**Save water, energy and chemicals.  
And recover your investment.**



WREC-80 T3

With its water recovery system, Fagor Industrial demonstrates once again the positive effect that technological innovations have on saving and sustainability. The latest generation water reclaimers offer up to 70% savings on water, but that is not all. They also mean big savings on chemical products thanks to reuse of the reclaimed water, as well as considerable energy savings thanks to hot water reuse from previous phases of the wash cycle.

The water recovery system also saves you time and trouble with its extremely simple maintenance: neither prior installations nor much space are required, the tanks are easily removable and have self-cleaning capacity by means of pre-set programs, and it adds chemicals suitable for the wash.

Technology which recovers water and energy? A great investment.



# Water Recovery System

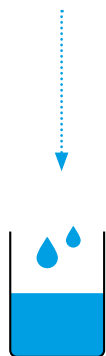
How much water does a washer consume per year?

## EXAMPLE

An LA-35 can consume 875 m<sup>3</sup>, based on 10 hours' operation a day for 250 days of the year. By using Fagor Industrial's kRS (kare Recovery System), up to 70% water can be saved, reducing the consumption to 262.5 m<sup>3</sup> in this example.



LA-35



875 m<sup>3</sup>



LA-35 + kRS



262,5 m<sup>3</sup>

-70%

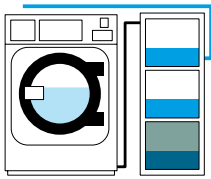
WATER SAVING



# Saving Systems

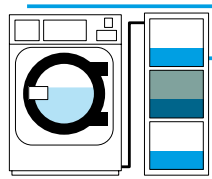
We have incorporated the latest technological innovations, capable of saving water, energy and chemical products: systems which reuse the hot water and detergent in a more intelligent and sustainable way.

## Save water



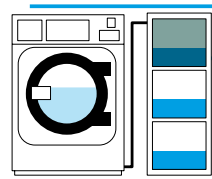
### Tank 1

Water from the last rinse.



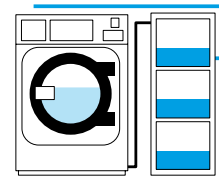
### Tank 2

Water from the first and/or second rinse.



### Tank 3

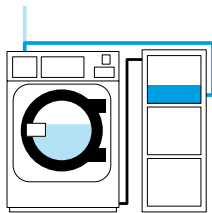
Water from the wash cycle for following pre-wash.



### Save Water

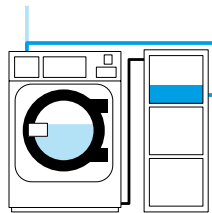
Pre-wash + Wash + 3 Rinses  
Up to 70 %.

## Save chemicals

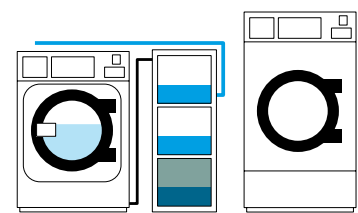


By reusing those present in the reclaimed water.

## Save energy



By reusing the hot water from a previous phase of the washer.

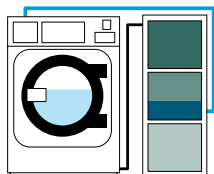


By means of the kRS, the water used in the refrigeration circuit of the heat pump dryer is reused.

# Latest features

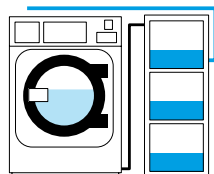
Fagor Industrial's water recovery system comes with latest-generation equipment offering great versatility, quick installation and easy maintenance across the whole range. So that you save time as well.

## Versatility



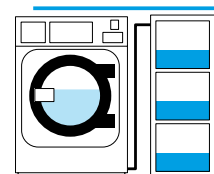
### Operation

Each tank is independent.



### Composition

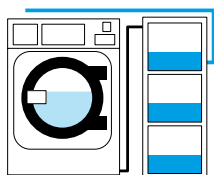
Models with one, two and three tanks.



### Sizes

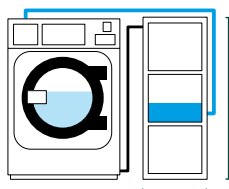
Tanks with different capacities: 150 litres - 80 litres.

## Easy to install



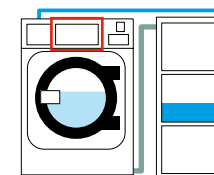
### Prior installation

No need for prior installations.



### Space

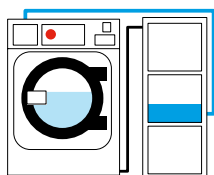
Little space required for installation.



### Plug and play

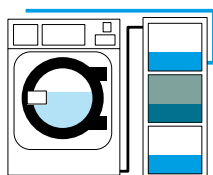
Easy to install with Touch Plus Control washers.

## Easy maintenance



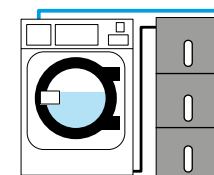
### Self-cleaning

Self-cleaning of the tanks with programs pre-set in the Touch Plus Control.



### Filtration systems

Water filtration system between the second emptying of the washer and the tanks, adding the suitable chemicals for the washing and disinfection of the tanks.



### Easy to clean

The tanks are easy to clean. They are easy to remove and clean with a brush.

# Water recovery system



## General characteristics

- Outer panels constructed in stainless steel effect sandwich panel.
- Tanks manufactured in high density polyethylene (HDPE).
- Standard parts, necessary for assembly to the washer, included with the kRS reclaimers.
- Additional electronic device (the same used to add 6 additional dosage signals).
- Water filtration system.
- Simple PLUG and PLAY installation.
- Easy to install with washers that have Touch Control.
- Does not require any additional in situ installation.
- The water inlet, water outlet and condensate outlet connections are incorporated into each tank.
- Tanks easy to remove for cleaning.
- 2 water level sensors in each tank (maximum and minimum level).
- The water recovery system fills each tank by means of fill valves.
- Tank self-cleaning programs from the Touch Control of the washer.

MODEL	CODE	N° TANKS	CAPACITY PER TANK (LITRES)	VALID FOR WASHERS:	DIMENSIONS (MM)	€
WREC-80 T1	19051954	1	80	LA / LR / LN - 11 / 14 / 18 LMED - 16 / 22	551x776x607	-
WREC-80 T2	19051953	2	80	LA / LR / LN - 11 / 14 / 18 LMED - 16 / 22	551x776x1.022	-
WREC-80 T3	19051951	3	80	LA / LR / LN - 11 / 14 / 18 LMED - 16 / 22	551x776x1.438	-
WREC-150 T1	19052858	1	150	LA / LR / LN - 25 // LA / LN -35 LBS - 27 / 35	551x1.326x607	-
WREC-150 T2	19052857	2	150	LA / LR / LN - 25 // LA / LN -35 LBS - 27 / 35	551x1.326x1.022	-
WREC-150 T3	19052855	3	150	LA / LR / LN - 25 // LA / LN -35 LBS - 27 / 35	551x1.326x1.438	-



## Wet Cleaning

To prevent direct contact of the chemical with delicate linen, the water recovery tanks can also be used as storage tanks for the pre-mixture of water and chemical. The mixture can then be used in a later phase of the wash:

01.

Mix the water and chemical in a first, empty wash cycle and store the mixture in the tank.

02.

Insert the delicate linen and insert the mixture of water and chemical from the tank. This avoids direct contact between the linen and chemical.