



Laundry Machines
for any use



AQUASTAR
LAUNDRY SOLUTIONS

New ways to use water



AQUASTAR
LAUNDRY SOLUTIONS



Working with an internationally prestigious brand

In order to satisfy the continuous and growing demand of Laundry Equipments, **FMB Group** has founded a new division that take the name of **AQUASTAR**, that can supply a complete series of laundry for Industrial plant, Hospital, Hotels and Laundromat

AQUASTAR is the perfect partner for professional carrying out comprehensive projects for global clients; a prestigious company offering quality products and competitive pre-and post-sales service.

A solution for every customer

It doesn't matter how large or small your business is or what your requirements are: **AQUASTAR** can cater for them perfectly and provide you with a specific solution for every need.

We offer much more than just equipment sales: we offer all-round comprehensive Laundry Solutions.

Our range of washing, drying and ironing machines consists of state-of-the-art models designed for establishments of all kinds, from large hotel chains to small businesses, with a significant market presence in areas such as hospitals and health centres or coin laundry.

Coin Laundry AQUASTAR

AQUASTAR can provide all types of machinery, accessories and consultation for one of the fastest-growing areas of the industrial laundry sector, with a set of solutions guaranteeing the smooth functioning of any coin laundry installation, and our own systems for managing maintenance and payment processes. As regards payment processes, we have two systems to facilitate and automate the process: the basic coin operated washer extractor model (MA version) is designed for connection to a central payment unit, with no need for new or additional installations. For greater versatility, we have developed latest generation kits that can easily be mounted on the basic model, for instant adaptation of the washer extractor to fit an electronic coin/token slot.

SMALL COMMUNITIES

Our small-scale section includes the fullest range of machines designed to cover all the needs of small and medium-sized establishments. With a larger capacity than their domestic equivalents, but without reaching industrial proportions, these appliances are designed to optimise performance while maintaining low consumption levels and a reduced installation space, together with high durability and profitability.

DA 7 Washer Extractor



- Semi-industrial High Spin Washer Extractor (1.200 r.p.m., G Factor=390), 7 kg capacity, no need to be fixed to the floor.
- Electric Heating.
- Electronic Computer easy to use.
- Drum and Basket in stainless steel.
- Drain with Pump or Valve.
- 8 washing programs
- Available with coin slots.

TDA 7 Tumble Dryer



- Semi-industrial tumble dryer 7 kg capacity.
- Electronic Computer easy to use.
- Electric Heating.
- With external exhaust or with condensation system
- 7 Programs
- Basket in stainless steel.
- Available with coin slots.

DA 8 Washer Extractor



- Semi-industrial High Spin Washer Extractor (1.000 r.p.m., G Factor=300), 8 kg capacity, no need to be fixed to the floor.
- Electric Heating.
- Electronic Computer easy to use.
- Drum and Basket in stainless steel.
- Drain with Pump or Valve.
- 8 washing programs
- Available with coin slots.

WDA 8 Stack Washer Extractor



- Semi-Industrial Stack Washer Extractor of 8 kg capacity Including the DA 8 and the TDA 8.
- Electronic Computer easy to use.
- Drum and Basket in stainless steel.
- Drain with Pump or Valve.
- 8 washing programs.
- Available with coin slots.

TDA 8 Tumble Dryer



- Semi-industrial tumble dryer 8 kg capacity.
- Electronic Computer easy to use.
- Electric or GAS Heating.
- Electronic Computer easy to use.
- Available with coin slots.

DDA 8 Tumble Dryer



- Semi-industrial tumble dryer 8 kg capacity.
- With manual TIMER control
- Electric or GAS Heating.

Model	Capacity	Power Electric Version	Power GAS Version	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
DA 7	Kg. 7	Kw. 3,2	-	1200 r.p.m.	362	69 dB (A)	595 x 595 x 850	Kg. 73
TDA 7	Kg. 7	Kw. 2,9	-	-	-	65 dB (A)	595 x 595 x 850	Kg. 39
DA 8	Kg. 8	Kw. 5,5	-	1000 r.p.m.	300	65 dB (A)	683 x 711 x 1092	Kg. 120
WDA 8	Kg. 8 + 8	Kw. 12	Kw. 5,75	1000 r.p.m.	300	65 dB (A)	683 x 711 x 1905	Kg. 168
TDA 8	Kg. 8	Kw. 5,6	Kw. 0,25	-	-	65 dB (A)	683 x 711 x 1077	Kg. 68
DDA 8	Kg. 8	Kw. 4,5	Kw. 0,25	-	-	65 dB (A)	683 x 711 x 1092	Kg. 61

FAST-SPIN WASHER EXTRACTORS



This range of washer extractors is the greatest recent development for **AQUASTAR** of great interest for all the catering and laundry sector areas, particularly the self-service sector.

It combines top-class features with a higher than- average performance, always geared to achieving greater energy efficiency during the wash, spin and dry processes.

This range of hard mounted machines – **require floor fixing** – includes **10, 13, 18 and 25 kg** capacity models.

All of them have a **G factor** of **200**, meaning better water extraction and higher energy efficiency.

This improved G factor is much higher than that of other washer extractors in this category and has been achieved thanks to the electronic unbalance control on extraction.

- A stainless steel body, more durable and hard-wearing than painted plate, and high quality components.
- Square structural pipe framework, highly resistant, prolonging the product's lifetime.
- Easier repairs, with alarms, statistics control, Memory, repair kits and a drum that can be removed via the front of the appliance, reducing the minimum space and time required.
- New detergent compartment with non-return system.
- Easy connection for automatic product dispensing.
- Automatic unbalance detection system enabling gentler movement and prolonging the components' lifetime.
- G factor of 200 on all models.
- Standard frequency inverter.

Need fixing to the floor.



MICROPROCESSOR SERIES: M

- 16 standard Wash programmes.
- Water levels configurable to + / -10%.
- Configurable times and temperatures for each wash phase.
- 4 automatic dispensing signals.
- Technical maintenance menu.
- Drain Pump Kit available only for the 10 and 13 Kg models.
- 10 – 25 kg models, also available in a self-service version.
- The range includes a special model for boats (440 Volts/III/60Hz/ without neutral).



Model	Capacity	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
LR 10	Kg. 10	820 r.p.m.	200	60 dB (A)	692 x 805 x 1155	Kg. 208
LR 13	Kg. 13	760 r.p.m.	200	60 dB (A)	788 x 870 x 1300	Kg. 250
LR 18	Kg. 18	760 r.p.m.	200	60 dB (A)	788 x 1080 x 1300	Kg. 340
LR 25	Kg. 25	715 r.p.m.	200	70 dB (A)	884 x 1150 x 1404	Kg. 500



LOW-SPIN WASHER EXTRACTORS

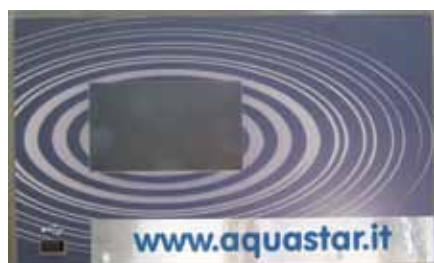
The **AQUASTAR LRC** series are the ideal solution for the laundry exigencies of BIG hotels, hospitals, industrial laundry and all those structures which treat each day big quantity of linen.

Designed to satisfy the needs expressed by the user and realized with the best available technologies, this washing machines assure high quality results. Thanks to the **TSC 8** computer, the **LRC** series has no comparison in matter of flexibility: programs creation is very intuitive and automatic detergent measuring is very easy.

This range of Low-Spin washer extractors is the greatest recent development for **AQUASTAR**, it combines top-class features with a higher than- average performance, always geared to achieving greater energy efficiency during the wash, spin and dry processes.

This range of hard mounted machines – **require floor fixing** – includes **40, 55, 70 and 85 kg** capacity models.

- A stainless steel body, more durable and hard-wearing than painted plate, and high quality components.
- The **LRC** Series have a robust, rectangular chassis which will reduce vibration by transmitting them to the ground and prolonging the product's lifetime.
- Easier repairs, with alarms, statistics control.
- Memory, repair kits and a drum that can be removed via the front of the appliance, reducing the minimum space and time required.



The **TSC 8** is the new innovative Touch Screen control system which equips **AQUASTAR LRC** series. It is not a simple microprocessor, but a real computer which enables the **LRC** series to easily suit the customer laundry needs and exigencies.

The machine is absolutely user friendly thanks to the use of **ICONS**, which can be easily understood and, also, thanks to the **TSC 8** ability to dialog in more languages.

The user needs only to select the wished application and then follow the instructions visualized on the screen.

Thanks to the high resolution, the LCD can reproduced multimedia files, pictures, advertisings, user notices, etc.

While the program is running, the screen shows all the operation in execution and not only: selecting the suitable application, it is possible to access to the chosen program parameters and modify them.

TSC 8 allows to create, to modify, to name and to save up to **200 programs**.

The user, anyway, can create own program in a very simple and intuitive way and he can choose if the program must be saved or simply used and lost.

TMC 8 has an expandable memory: the program number, therefore, can be considerably increased.

Model	Capacity	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
LRC 40	Kg. 40	450 r.p.m.	100	60 dB (A)	1186 x 1186 x 1565	Kg. 600
LRC 55	Kg. 55	408 r.p.m.	100	60 dB (A)	1430 x 1410 x 1875	Kg. 878
LRC 70	Kg. 70	355 r.p.m.	85	60 dB (A)	1430 x 1572 x 1815	Kg. 1100
LRC 85	Kg. 85	360 r.p.m.	85	70 dB (A)	1560 x 1560 x 1875	Kg. 1900



HIGH-SPIN WASHER EXTRACTORS

Our range of high-spin washer extractors **LA Series** is designed to provide high performance at all times, meeting the most demanding requirements while notably reducing water and power consumption. The savings achieved in these areas even allow us to guarantee that these appliances will pay for themselves in the medium term.

Our range of high spin washer extractors **LA Series** includes **10, 13, 18, 25, 40, 60** and **120 kg** capacity appliances, and two types of programmers:

Simple microprocessor (**M**) and programmable microprocessor type (**MP**).

The stylish new look and cutting-edge technology of these industrial washer extractors combines with the simplicity of their installation, and we have even reduced their size without affecting their load capacity.



LA - M SERIES



MICROPROCESSOR SERIES: M

- 16 standard Wash programmes.
- Water levels configurable to + / -10%.
- Configurable times and temperatures for each wash phase.
- 4 automatic dispensing signals.
- Technical maintenance menu.
- Drain Pump Kit available only for the 10 and 13 Kg models.
- 10 – 25 kg models, also available in a self-service version.
- The range includes a special model for boats (440 Volts/III/60Hz/ without neutral).



LA-M
LA-MP
Series

Model	Capacity	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
LA 10	Kg. 10	1100 r.p.m.	350	60 dB (A)	692 x 805 x 1155	Kg. 208
LA 13	Kg. 13	1000 r.p.m.	350	60 dB (A)	788 x 870 x 1300	Kg. 250
LA 18	Kg. 18	950 r.p.m.	350	60 dB (A)	884 x 914 x 1404	Kg. 340
LA 25	Kg. 25	900 r.p.m.	350	70 dB (A)	980 x 1040 x 1565	Kg. 500

- A stainless steel body, more durable and hard-wearing than painted plate, and high-quality components.
- Easier repairs, with alarm, statistics control, memory, repair kits and a drum that can be removed via the front of the appliance, reducing the minimum space and time required.
- Soft mounted machines: they do not need fixing to the floor on installation.
- New detergent compartment with non-return system.
- Easy connection for automatic product dispensing.
- Automatic unbalance detection system enabling gentler movement and prolonging the components' lifetime.
- A G factor of 350 and a spin speed of 700 - 820 rpm, depending on the model.
- Standard frequency inverter.



LA - MP SERIES



PROGRAMMABLE MICROPROCESSOR COMPUTER SERIES: MP

- 99 wash programmes (16 set + 83 programmable).
- Supplied with incorporated "wet cleaning" system.
- Totally adjustable water levels. Own software enabling programming from a PC.
- Access codes, time delay systems and a user statistics service.
- 3 water inlets and 7 automatic dispensing signals, with programmable time and delay.
- Technical maintenance menu.



VERSION WITH TILTING SYSTEM



LA-M
LA-MP
Series

Model	Capacity	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
LA 40	Kg. 40	850 r.p.m.	350	75 dB (A)	1430 x 1360 x 1905	Kg. 1350
LA 60	Kg. 60	760 r.p.m.	350	75 dB (A)	1430 x 1430 x 1905	Kg. 1600
LA 120	Kg. 120	700 r.p.m.	350	75 dB (A)	1790 x 1790 x 2250	Kg. 3300



LBS 16-22



LBS 27-49-67-100

PASS-THRU WASHER EXTRACTORS, BARRIER DESIGN SANITARIA"

LBS
Series

Sanitary barrier washer extractors **LBS Series**, are specially designed for use in clinics and hospitals, and include specific safety measures for preventing the spread of infectious agents during the washing process, in accordance with the latest health sector hygiene and safety regulations. These washer extractors have two doors, an input door and an output door. The input door is located in the area where the dirty linen arrives from a hospital, and the output door in the area where the clean linen is collected after washing.

The two areas are separated by a partition, which is where the washer extractor is located.

As the linen enters through one door and exits through another, there is no contact between the clean and dirty water, and there is therefore no risk of contamination.

Our sanitary barrier washer extractors **LBS Series** are available in **16, 22, 27, 33, 49, 67** and **100 kg** capacities.

A stainless steel body, more durable and hard-wearing than painted plate, and high-quality components.

- Dual axis drum rotation, making the washer extractor extremely sturdy.
- Soft mounted machines: they do not require fixing to the floor on installation.
- G factor = 300-448.

LBS
Series

Model	Capacity	Extraction Speed	G Factor	Noise Level	Dimensions LxPxH mm	Net Weight
LBS 16	Kg. 16	1000 r.p.m.	361	60 dB (A)	980 x 910 x 1385	Kg. 429
LBS 22	Kg. 22	1000 r.p.m.	361	60 dB (A)	1180 x 910 x 1385	Kg. 450
LBS 27	Kg. 27	1000 r.p.m.	448	65 dB (A)	1172 x 1053 x 1665	Kg. 880
LBS 33	Kg. 33	1000 r.p.m.	448	65 dB (A)	1292 x 1053 x 1665	Kg. 1060
LBS 49	Kg. 49	900 r.p.m.	360	65 dB (A)	1612 x 1053 x 1665	Kg. 1300
LBS 67	Kg. 67	750 r.p.m.	360	65 dB (A)	1965 x 1053 x 1665	Kg. 1570
LBS 100	Kg. 100	750 r.p.m.	360	65 dB (A)	1680 x 1345 x 2000	Kg. 2000

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