

UNIFEC

making the difference!

Perchlorethylene Series

Dry cleaning & Laundry solutions

UNISEC

Dry cleaning & Laundry solutions

making the difference!



Perchloroethylene Series



Series
JUNIOR M



Series
Industrial

Company Profile

UNISEC was founded in Barcelona in 1984 as a company serving dry cleaning professionals. After decades of experience in the sector, we have specialized in the design and manufacture of dry cleaning machines for processes with different types of solvents.



Capacity & Experience

Thanks to the extensive knowledge acquired during these more than 30 years, **UNISEC** is characterized by its high technical and industrial capacity.

In 1993, the company established its first production plant. Some years later, and faced with the growing need for production, the plant moved to Beijing, China, where it currently has an area of more than 8,000 m², with significant growth prospects in the coming years.

Our business policy is based on innovation and the development of new products. This has led us to be leaders in some of the most important markets of the world.

One of our best assets is our human team, made up of more than 80 professionals committed to the constant improvement of the highest quality standards according to the different current regulations of the sector and focused on the objectives that our customers demand.

Our industrial capacity currently allows us to fully manufacture all components of the **UNISEC** machinery in our own facilities.

Agreements with the main and most important manufacturer brands of electrical, electronic, hydraulic and mechanical components, etc ... gives an added value to our products in addition it guarantees the quality and good functioning of the machinery produced by **UNISEC**.

Quality & After-sales service

With engineering, components and quality at the highest level of demand from European countries and the United States, **UNISEC** has experienced a huge expansion internationally.

Our best reward is the satisfaction of our customers and partners, thanks to whom we can say that we are already present in more than fifty countries around the world.

In **UNISEC** we give great importance to the after-sales service and the supply of spare parts.

Our technicians are prepared to provide support during the entire assembly and start-up phase of the equipment, in addition to continuous support on maintenance to optimize the total life cycle of our products as well as their best performance and productivity .

Our spare parts policy is to maintain high stocks of components, together with international brands, all supported by an agile distribution center, which makes our customers feel our proximity.





Key Manufacturing Factors

All our products are the result of constant research and innovation on our key manufacturing factors.

At UNISEC we project our machines always thinking of the maximum benefit for our customers.



Design

With UNISEC you will find a machine that adapts perfectly to your space and your work system. All the details are projected bearing in mind the needs of our customers.



Durability

Our machines are built entirely in **STAINLESS STEEL** which extends its lifetime.

The technical features of **UNISEC** machines make the use and maintenance easier for the professional.



Environment

UNISEC machines are manufactured to care for and protect everything that surrounds us.

Taking care of the environment and the work place has always been one of our main objectives.



Security & Comfort

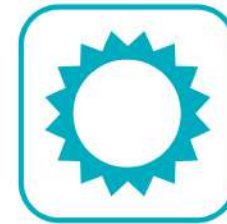
Our machines are built according to the strictest safety regulations.

The quality of the components installed in the **UNISEC** machines guarantee the ease of use, the proper functioning and the safety of the professional in charge of the processes.



Energy efficiency

With the **UNISEC** dry cleaning machines you will obtain significant energy, water and solvent savings by optimizing your washing processes.



Cleaning results

The main objective of our customers is to obtain the best cleaning results.

Our machines are designed so that they become the most useful tool for the professional and the key to success for his business.



Design Features

All key manufacturing factors can be found on any component or option of our UNISEC dry cleaning machines

These are some of the technical features of our **UNISEC** machines, among others. All the components that are included in the **UNISEC** machines correspond to brands of high technological level and with the highest standards of quality, safety and reliability.

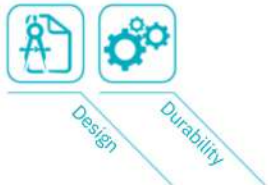


Stainless steel

The UNISEC machines are characterized by their durability and robustness and consequently their long service life.

All the parts in contact with solvent or its vapors have been manufactured in Stainless Steel, including solvent tanks, drying circuit, still, filters, water separator, decanter, solvent circuit pipes, drum, etc ...).

Thanks to this feature we avoid corrosion problems.

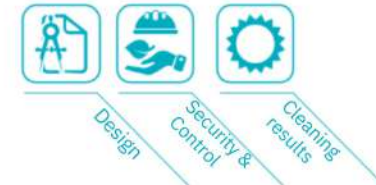


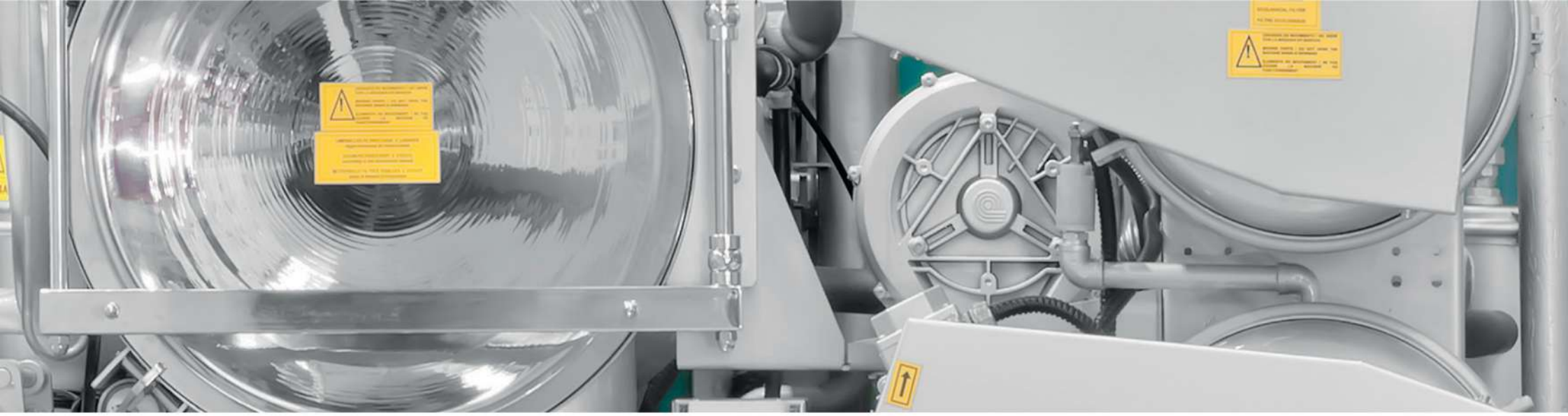
Computer TC TOUCH SCREEN

Easy, intuitive and very versatile, are its main features. Ideal to be a great professional dry cleaner.

With the UNISEC programmer you will be able to achieve the most optimal washing processes and obtain the best cleaning results with the simplicity of monitoring the state of your machine and its process in real time.

Synoptic computer with touch screen. With visualization of the functions clearly and in real time





UNI CARBON

With the UNICARBON system, you will reduce the emission of solvent vapors to the shop, thus protecting and taking care of the Environment as well as the operator during the whole lifetime of the machine.

Having a machine with this system improves efficiency during the operation and reduces solvent consumption.

UNICARBON adsorbs solvent gases remaining in the drum and in the drying chamber, reducing the concentration to values lower than 2 gr./m³ at the time of opening the loading door.

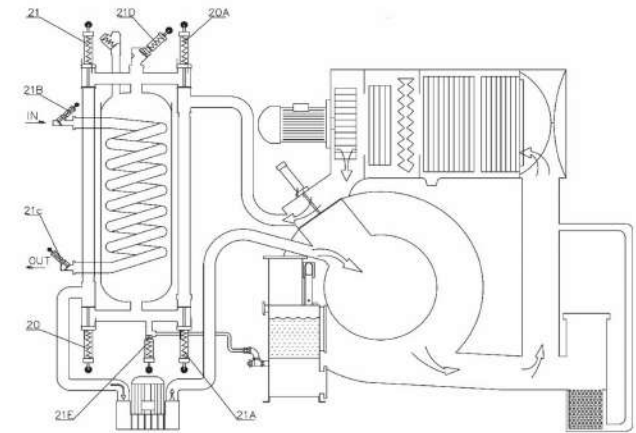


Diagram UNICARBON by UNISEC





Design Features

**Maximum quality
and performance.**

UNI STILL UNISTILL

With UNISTILL you can keep your machine in perfect working conditions and at full capacity simply from the computer without any manual effort.

Comfort, time savings and well-being are the greatest benefit for users of a UNISEC machine with the UNISTILL system.

The care and maintenance of the machine is one of the most important factors for UNISEC engineers. We have designed a fully automatic cleaning system to extract the waste that is produced during the cleaning process.

The automatic cleaning of the still walls, the pump for the automatic discharge of waste and a container for the collection with automatic filling control, are the main components of our automatic UNISTILL.



UNI COOLER UNICOOLER

With UNICOOLER you will achieve maximum care of the garments, protecting colors and fabrics with the best cleaning results.

Thanks to UNISEC technology it is possible to achieve the best cleaning results with the utmost care of the garments.

The UNICOOLER system allows the solvent to be cooled by the heat pump, not by water, thus reducing the aggressiveness to the garments due to high temperatures.

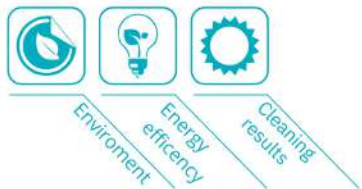




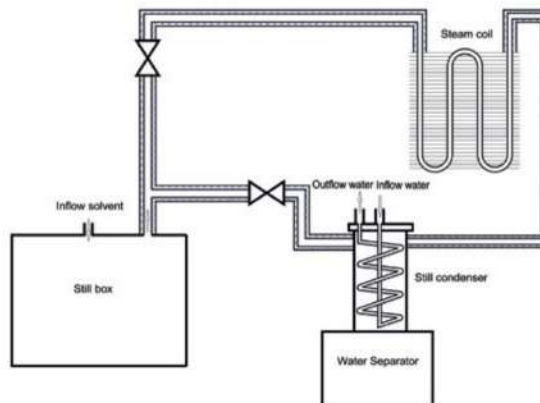
UNI DRY UNIDRY

With the UNIDRY system, you will reduce your energy costs and increase your economic benefits, as well as optimizing drying times.

The exclusive design of our drying chamber reduces the drying time and in turn the consumption of water and electricity. Our drying chamber is designed without dead angles generating a greater air flow (17 m³ / min.). The UNIDRY system incorporates two filters with large filtering surface avoiding obstruction of the drying circuit due to lint, as well as odours inside the machine. We also incorporate two very important elements in **JUNIOR M models** that increase the energy efficiency of the machine:



1 Second heat pump: System that uses the heat generated by the still to dry the garments, obtaining a significant energy saving and a higher performance during the drying process.



2 Drying Control: This component allows to adjust the drying time depending on the load of the machine, thus optimizing the drying cycle.



JUNIOR M

For the professional who seeks the maximum benefits in a minimum space.



-  Design
-  Durability
-  Environment
-  Security & Comfort
-  Energy efficient
-  Cleaning results



Stainless
STEEL

Computer
TC

UNI
CARBON

UNI
COOLER

Model JUNIOR M

M162A

Capacity	8
Drum volume	160
Tanks	2
Ecological	•
filter Design	SLIM

(•) Standard



Equipment JUNIOR M

STAINLESS STEEL

COMPUTER TC

Types of filter

DOSING PUMP

Frequency inverter

Overfill preventer of the still

UNICOOLER

Contact water separator

Decanter

UNICARBON

Pneumatic doors blocking

Safety tray

JUNIOR M

For the most demanding professional seeking the highest quality and performance with all the benefits of UNISEC equipment.





Equipment JUNIOR M

Stainless
STEEL

Computer
TC

UNI
STILL

UNI
DRY

UNI
COOLER

UNI
CARBON



- STAINLESS STEEL
- COMPUTER TC
- Types of filters
- DOSING PUMP
- Frequency inverter
- UNISTILL
- Overflow preventer for still
- Self cleaning still
- UNIDRY
- Dry Control
- 2nd. heat pump
- UNICOOLER
- Water separator Water
- decanter (2nd separator)
- UNICARBON
- Pneumatic doors blocking
- Safety tray
- Selfcleaning rotating prefilters
for models JUNIOR M643 y M803

Models JUNIOR M

JUNIOR M models can be configured according to design, capacity, number of tanks and filter types

	M162A	M202	M203	M262	M263	M 322	M322A	M323	M382	M383	M523	M643	M803
Capacity	8	10	10	13	13	16	16	16	19	19	24	32	40
Drum volume (liters)	160	204	204	260	260	318	318	318	380	380	520	640	795
Tanks	2	2	3	2	3	2	3	3	3	3	3	3	3
1st. Ecological filter	•	•	•	•	•	•	•	•	•	•	•	•	•
2nd. Ecological filter			•		•			•		•	•	•	•
Decolourant filter		•		•		•	•		•				
Design	SLIM	CROSS	CROSS	CROSS	CROSS	CROSS	SLIM	CROSS	CROSS	CROSS	CROSS	CROSS	CROSS

(•) Standard



Components

All the components of the UNISEC machines are supplied by brands of high technological level and with the highest standards of quality, safety and reliability.

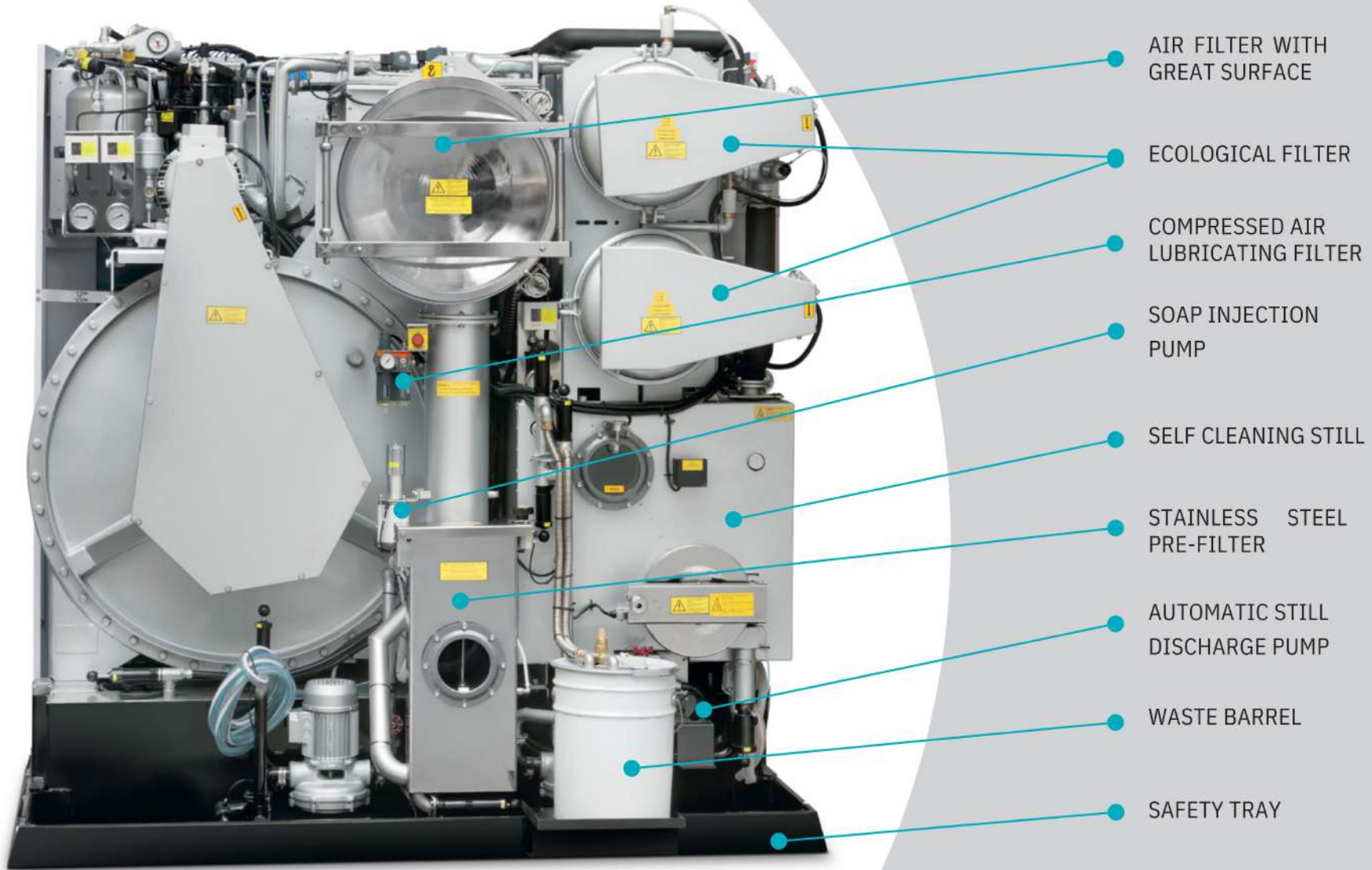


**Model JUNIOR M322A
(SLIM version)**

- UNICOOLER
(solvent cooler)
- UNICARBON
- EMERGENCY SWITCH
- PASS THROUGH SOLVENT
SIGHT GLASS
- FILTER PRESSURE GAUGE
- AUTOMATIC DRYING
CONTROL
- AUTOMATIC
DRYING CONTROL
- DECANTER
(second separator)



**Front view
(CROSS version)**



AIR FILTER WITH GREAT SURFACE

ECOLOGICAL FILTER

COMPRESSED AIR LUBRICATING FILTER

SOAP INJECTION PUMP

SELF CLEANING STILL

STAINLESS STEEL PRE-FILTER

AUTOMATIC STILL DISCHARGE PUMP

WASTE BARREL

SAFETY TRAY

MODEL JUNIOR M322
Back view
(CROSS version)

making the difference !

Quality and service worldwide

Calidad y servicio en todo el mundo
Qualità e servizio in tutto il mondo
Qualité et service partout dans le monde
Qualitat und service auf der ganze welt

UNISEC

Dry cleaning & Laundry solutions

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