



ESPA evopool[®]



Silenplus
**ALLWAYS CLOSER
TO NATURE**

evopool® **ESPA Silenplus**

1. ESPA Silenplus
2. Benefits
3. Features
4. Control System
5. Filtration Plus
6. Backwash Plus
7. Evopool® App
8. Savings
9. Web evopool®
10. Evopool®

1. ESPA *Silenplus* – The greatest expression of efficiency and sustainability

The ESPA's *Silenplus* pump includes a frequency inverter with a major innovation in its operation to adapt it for usage in pools: the speed variation in the swimming pool working cycles.



evopool® ESPA Silenplus

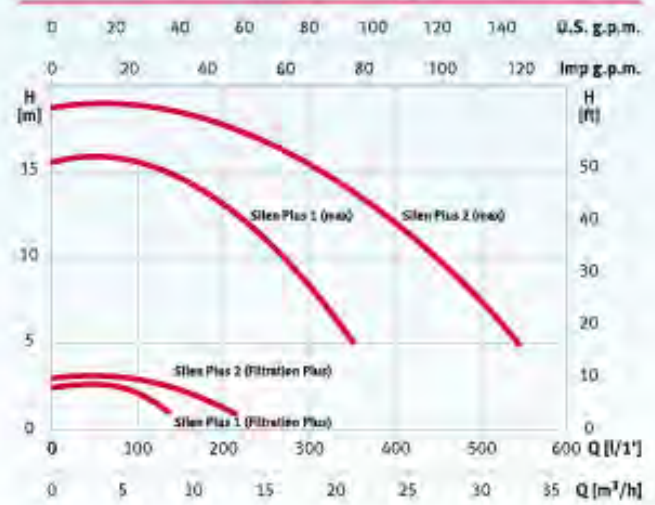


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1. ESPA Silenplus

TECHNICALS FEATURES					
Electrical features			Performance curves		
Model	Cycle evopool®	[A]	P1 [kW]	P2	
		1~ 230 V	1~	[kW]	[HP]
Silen Plus 1M	Max	3,9	1,2	0,75	1,0
	Filtration Plus	0,25	0,07		
Silen Plus 2M	Max	6,5	2,2	1,5	2,0
	Filtration Plus	0,42	0,14		

Dimensions and weights				
Model	Length	Height	Width	Kg
Silen Plus 1M	495	319	238	11,9
Silen Plus 2M	623,5	334	268	21,9



The performance curves graph plots head (H) in meters and feet against flow rate (Q) in liters per minute and cubic meters per hour. It shows four curves: Silen Plus 1 (max), Silen Plus 2 (max), Silen Plus 2 (Filtration Plus), and Silen Plus 1 (Filtration Plus). The 'max' curves show higher head at lower flow rates, while the 'Filtration Plus' curves show lower head at lower flow rates but maintain head at higher flow rates.

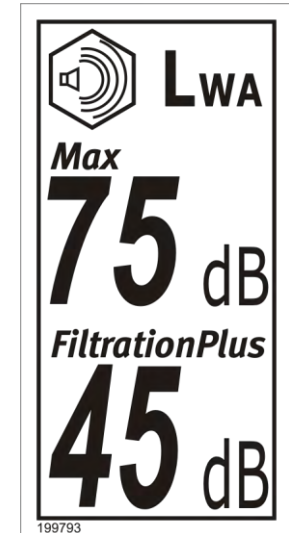
— **Applications** Recirculation and filtering of water from swimming pools. Quiet-running. — **Motor** Asynchronous, two poles. IP 55 protection. Class F insulation. Continuous operation. — **Materials** Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and alumina. Motor housing in aluminium. O-rings in NBR.

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2. Unique benefits

- Ultra-silent operation – 45dB
- More efficient filtering cycle
- High performance backwash cycle
- Automation of the pool filtering system
- Higher energy
- Higher cost savings
- Dry-running protection
- Easy installation and use



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3. Main features

- **Espe evopool® Control System** = superior automation
- **Espe evopool® Filtration Plus** = superior filtration
- **Espe evopool® Backwash Plus** = superior backwash
- **Espe evopool® App** = superior management



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4. Espa evopool® Control system

Espe evopool® Control System detects the position of the multiport valve and transmits it to the pump to automatically activate or deactivate the operation cycle depending on the position, achieving maximum ease and efficiency of operation.



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5. Espa evopool® Filtration Plus

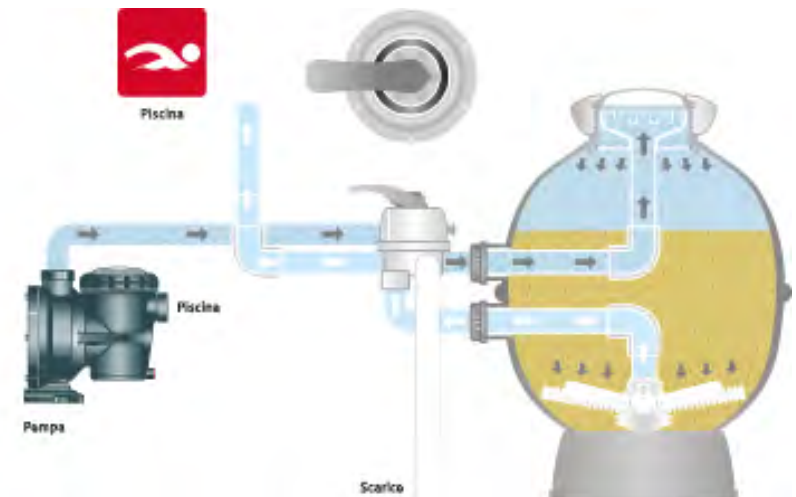
Filter cycle optimisation: effectiveness + energy savings = efficiency.

System with filtering optimisation to increase the efficiency, thereby electricity savings, with an added cycle to increase cleaning efficiency on the pool surface.

EFFECTIVENESS: work cycles

especially developed for its use in pools to get maximum effectiveness.

SAVINGS: up to 84% electricity savings over standard single speed pumps, with the resulting cost savings.



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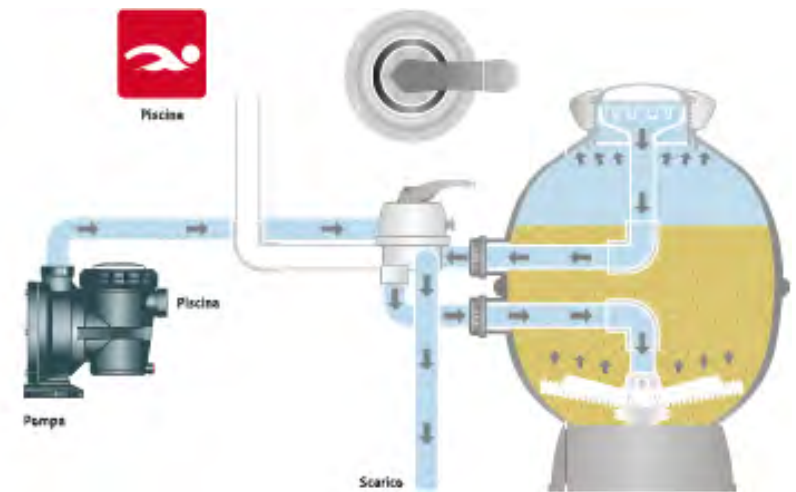
6. Espa evopool® Backwash Plus

Backwash cycle optimisation: effectiveness + water saving = efficiency.

Backwash system which, thanks to a specially developed cycle, increases process efficiency while **shortening cleaning time, drastically reducing the amount of water consumed** during the backwash process.

EFFECTIVENESS: reduction of backwash time and improved filter-cleaning efficiency.

SAVINGS: up to 58% water savings over standard single speed pumps.



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7. Espa evopool® App

The pump under control from the smartphone:

- Simplifies the pump use
- Weekly timer
- Pump parameters management
- Energy savings calculation tool



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8. Savings with Silenplus pump

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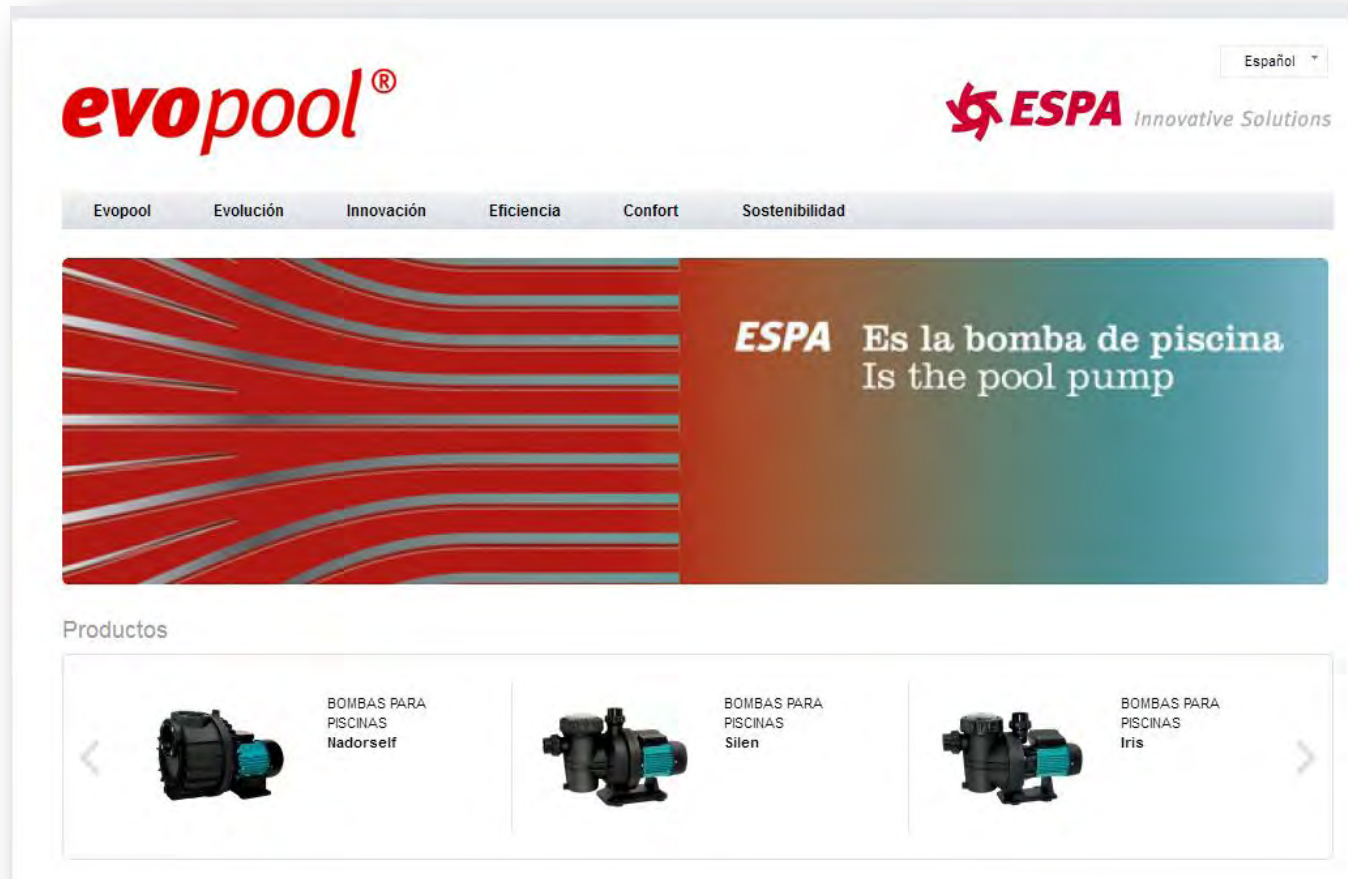
	Swimming pool volume	Energy savings	Water savings during backwash	Estimated annual savings (€/year)	Carbon footprint
Silen Plus 1 VS: Single speed pump 0,75 Hp	30 m³	⚡ 84%	💧 58%	£288.76	83% CO2 emissions reduction
Silen Plus 1 VS: Single speed pump 0,75 Hp	50 m³	⚡ 82%	💧 58%	£419.58	81% CO2 emissions reduction
Silen Plus 2 VS: Single speed pump 1,50 Hp	100 m³	⚡ 72%	💧 55%	£772.56	72% CO2 emissions reduction

This savings simulation has been estimated with the following data: 200 operation days per year – Electricity cost 0,198 £/kWh – Water cost 1,578 £/m³

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9. Website evopool®

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The screenshot shows the homepage of the evopool website. At the top left is the evopool® logo, and at the top right is the ESPA Innovative Solutions logo with a language dropdown menu set to 'Español'. Below the logos is a navigation bar with the following menu items: Evopool, Evolución, Innovación, Eficiencia, Confort, and Sostenibilidad. The main banner features a red and blue background with the text 'ESPA Es la bomba de piscina Is the pool pump'. Below the banner is a 'Productos' section with three product cards. Each card contains an image of a pump and the text 'BOMBAS PARA PISCINAS' followed by the model name: Nadorsel, Silen, and Iris. Navigation arrows are visible on the left and right sides of the product cards.

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10. evopool® - The evolution in swimming pool pumps

ESPA launches the new *evopool*® technology, a breakthrough in efficiency and sustainability that we have integrated into the pool line, adding efficiency, performance and respect for the environment.

evopool® means progress, and as such it will now encompass all the improvements and innovation that ESPA has been developing and introducing in its products and applications for pools. It always guarantees maximum efficiency and sustainable treatment of energy resources.

Today and in the future, ESPA is *evopool*®.





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THANKS