

Precision Pipework Ltd, Horn Hill, Lowestoft, Suffolk, England, NR33 0PX Tel 01502 500646 Fax 01502 566957 Email sales@espapumps.co.uk

ESPA evopool®

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Silenplus

ALLWAYS CLOSER TO NATURE

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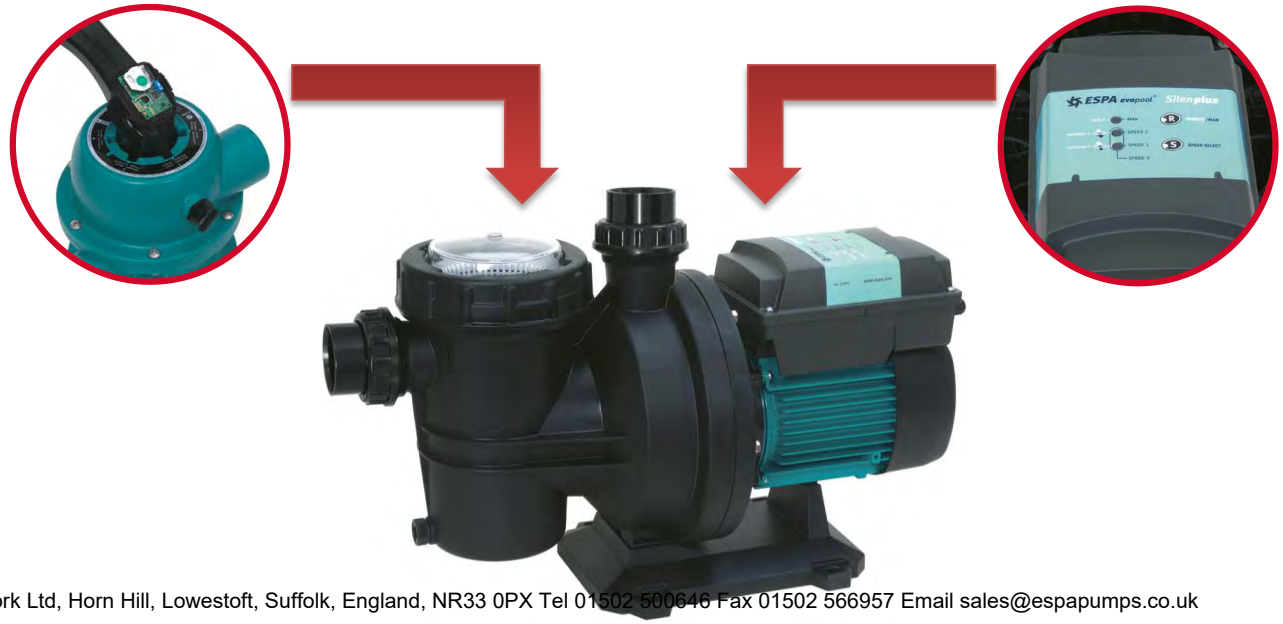
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ESPA *Silenplus*

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.**



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TECHNICALS FEATURES

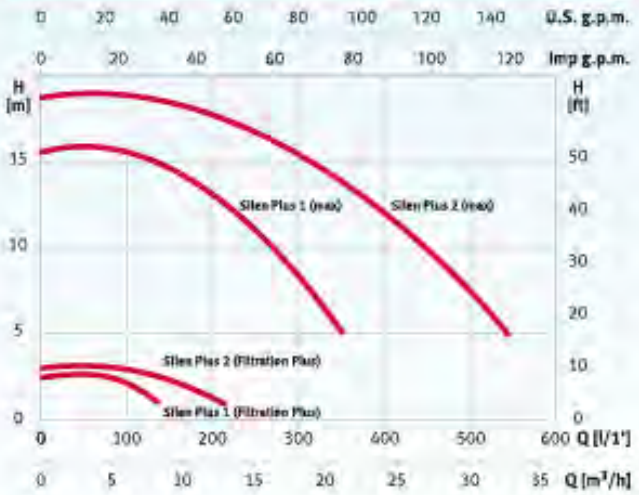
Electrical features

Model	Cycle evopool®	[A] 1~ 230 V	P1 [kW] 1~	P2 [kW]	P2 [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

Performance curves



— **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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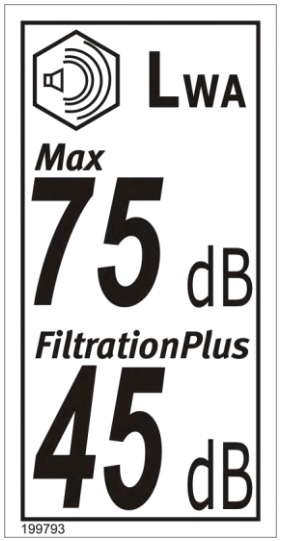
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2. Unique benefits

- 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

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





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4. Espa *evo*pool® Control system

Espa 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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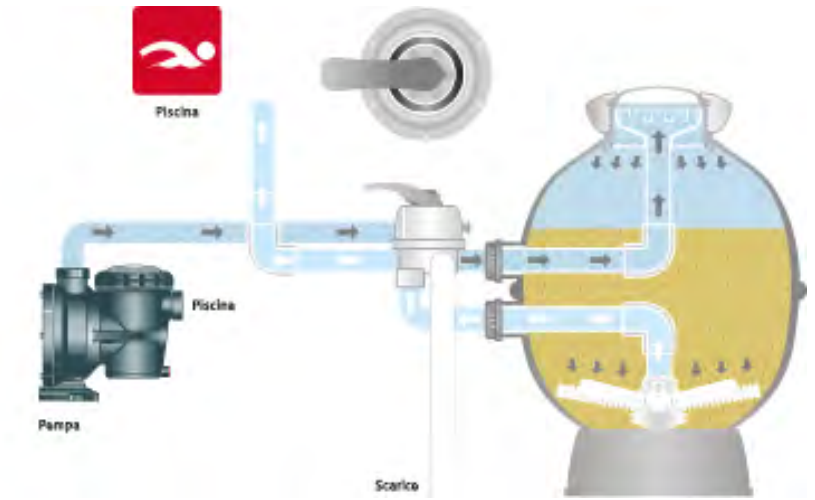
5. Espa *evopool*® Filtration Plus

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 it 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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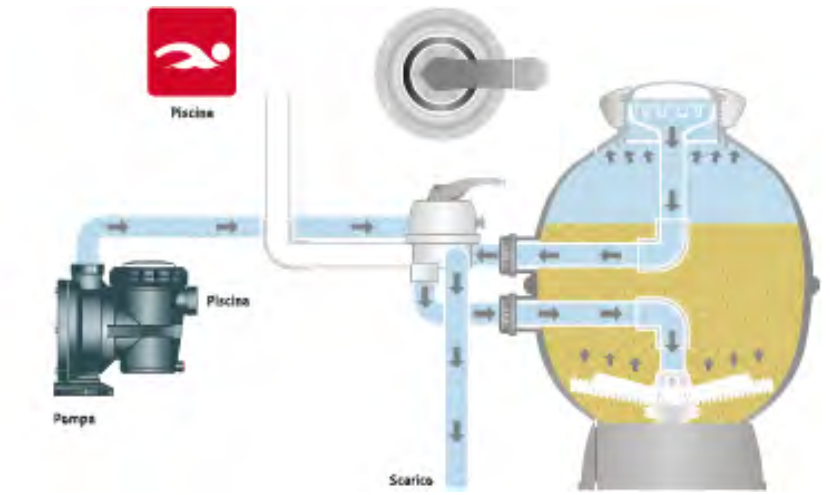
6. Espa *evopool*® Backwash Plus

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 *evo*pool® 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

	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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10. *evopool*® - The evolution in swimming pool pumps

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

evo*pool* ® 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 ***evo****pool*®.

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THANKS

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