

POOLEX ONDULINE Variable Filtration Pump User Manual

August 1,
2025



Contents [[hide](#)]

1 ONDULINE

1.1 The variable filtration pump with manual selection

1.1.1 WORKING PRINCIPLE

1.1.2 Why use a variable speed filtration pump ?

1.1.3 SIZES

2 Documents / Resources

2.1 References

ONDULINE

The variable filtration pump with manual selection

The OnduLine pump with semi-variable speed offers 3 programmable speeds depending on pool usage, providing better energy efficiency than a single-speed pump. It ensures optimal filtration by slowing down water flow.

🔄 **Optimized energy consumption:** Designed to reduce energy usage while maintaining high filtration performance, ensuring a more economical and eco-friendly operation.

🔄 **3 adjustable speeds:** Offers total flexibility with three manually selectable speeds, allowing you to adjust power according to filtration needs.

🔄 **Compatible with heat pumps:** Enhances the efficiency of your Poolex heat pump by maintaining optimal water circulation for faster and more uniform pool heating.

🔄 **Self-priming up to 1.5 m:** Its self-priming system allows for simplified installation and reliable operation, even with varying water levels.

ONDULINE	1,5 CV			
Useful power	1,5 CV			
Female connection diameter	2" x 2"			
Speed (r/min) gives flow :	3450	3000	2750	2500
At 3m HMT (m³/h)	22	19,5	17	14,5
At 6m HMT (m³/h)	20	16	13	10
At 8m HMT (m³/h)	18	13,5	10	4,5
At 10m HMT (m³/h)	16	10	4,5	NA

1000 → 3450 tr/min

WARRANTY

2 YEARS



Ultra silent



Compatible with all treatments

Speed up to **3450** tr/min | Flow up to **22** m³/h | **1 version** AVAILABLE

WORKING PRINCIPLE

The variable speed pump allows the water flow rate to be adapted as required. This not only reduces electricity consumption, but also reduces sound pressure levels.

Why use a variable speed filtration pump ?

Your filtration pump is used to circulate the water in your pool through the filter and your heat pump. But power requirements vary according to the bathing and treatment periods

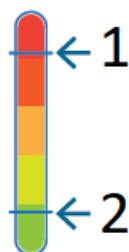
	MULTILINE
Useful power	1,5 CV
Female connection diameter	2"x2"
Connectors supplied	D50 & D63 mm
Motor type	Permanent magnet synchronous
Speed modulation	1000 – 3450tr/min
Max. flow at 8 HMT	18 m ³ /h
Max. flow (m ³ /h)	22 m ³ /h

Max head (m)	15
Power supply	Single-phase 230V-50Hz
Max. current (A)	6
Size (L x W x H)	515,5 x 235,7 x 298 mm
Weight (kg)	8.75
Warranty	2 years



ECONOMIC

Running a VS pump at 50% for 24 hours rather than an On/Off pump for 8 hours saves almost 80% energy.

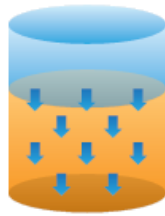


1. CONSTANT FILTRATION
2. VARIABLE SPEED



FILTERING

By passing more slowly through the filter, filtration is improved and the filter also clogs less quickly..



LONGEVITY

Extended lifespan thanks to its low-speed operation, which reduces wear, heat, and stress on the system.



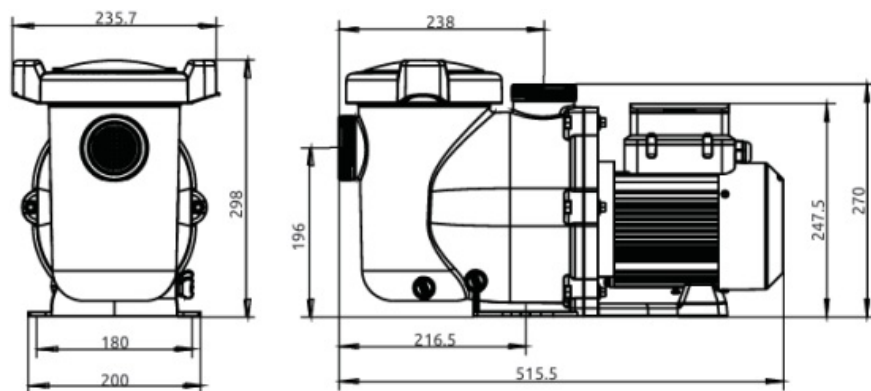
SILENT

At reduced speed, the noise level is divided by 4 compared with a pump at constant speed

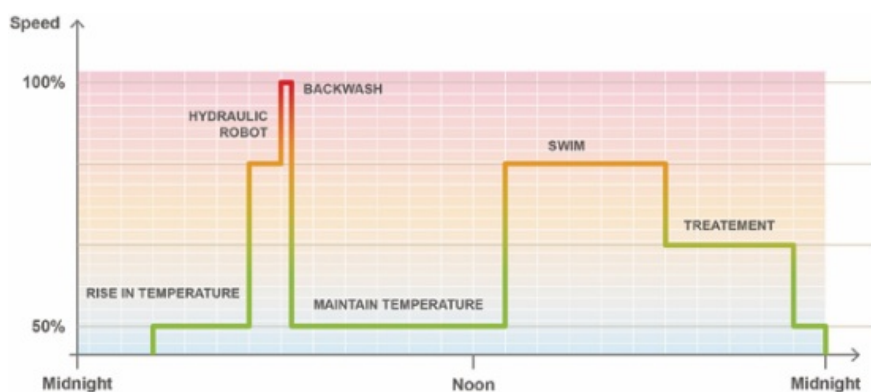


<45dB

SIZES



spring / Summer



POOLEX IS A BRAND
OF THE **POOLSTAR** GROUP

Edition 03/2025 – Picture not contractual

www.poolex.fr

Documents / Resources

	<p>POOLEX ONDULINE Variable Filtration Pump [pdf] User Manual</p> <p>ONDULINE Variable Filtration Pump, ONDULINE, Variable Filtration Pump, Filtration Pump, Pump</p>
--	---

References

- [User Manual](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.