



# VARILINE



## The variable-speed filtration pump

The VariLine enables energy savings through the automatic adjustment of the filtration flow rate. It improves filtration quality by slowing the water flow through the filter. It also optimizes the performance of your Full Inverter heat pump by maintaining the temperature. Now equipped with WiFi functionality, it allows remote control and monitoring.

-  **Smart connectivity** : Manage your pump remotely via Wi-Fi and the Poolex app, and receive maintenance notifications for optimal monitoring thanks to its connection to the Poolex Cloud.
-  **Controlled power consumption** : Designed to reduce energy consumption while maintaining high filtration performance, ensuring more economical and eco-friendly use.
-  **4 programmable speeds** : Offers total flexibility with four manually selectable speeds, allowing you to adjust the power to meet filtration needs.
-  **Enhances your heat pump's efficiency** : Maintains ideal water circulation for faster and more even heating.

VARILINE	15H	10P	15P	20P	30P
<b>Useful power</b>	1.5cv	1 cv	1.5 cv	2 cv	3 cv
<b>Connection diameter</b>	1.5"x1.5"	2"x2"	2"x2"	2"x2"	2"x2"
<b>Flow rate at 10 mCE</b>	17.5 m <sup>3</sup> /h	19 m <sup>3</sup> /h	22 m <sup>3</sup> /h	24.3 m <sup>3</sup> /h	28.2 m <sup>3</sup> /h
<b>Speed modulation</b>	450 - 3450tr/min				

**WARRANTY**  
**3 YEARS**



Application  
**POOLEX**

 App Store

 Google Play



**LONG LIFE**

**450 → 3450** tr/min



Wi-Fi & Cloud



Silent  
(<45 dB)



Compatible with all  
treatment systems

Speed up to  
3450<sup>tr</sup>/min

Flow rate up to  
33<sup>m³</sup>/h

5 available  
VERSIONS

**POOLEX**  
FOLLOW THE EXPERT

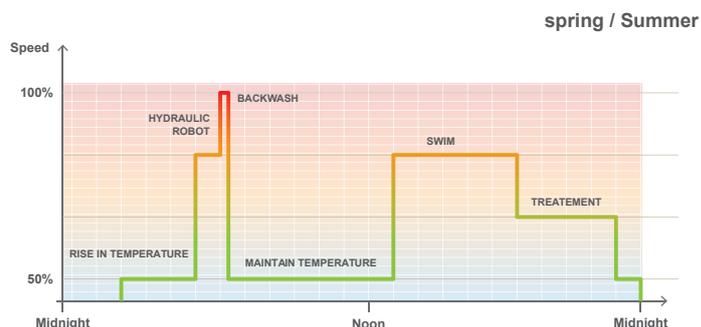
## OPERATING PRINCIPLE

The variable-speed pump adjusts the water flow rate hour by hour according to the needs. This reduces electrical consumption while also lowering noise levels.

## Why use a variable-speed filtration pump?

Your filtration pump is used to circulate water from your pool through the filter and your heat pump. However, the power requirements vary depending on swimming and treatment periods.

## DIAGRAM



### ECONOMICAL

Running a variable-speed pump at 50% for 24 hours instead of an On/Off pump for 8 hours can save nearly 80% of energy.



### FILTRATION

By passing more slowly through the filter, filtration is improved, and the filter becomes clogged 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 reduced by a factor of 4 compared to a constant-speed pump (<45 dB).

VARILINE	15H	10P	15P	20P	30P
References	PF-VL15HW	PF-VL10PW	PF-VL15PW	PF-VL20PW	PF-VL30PW
Useful power	1.5 cv	1 cv	1.5 cv	2 cv	3 cv
Female connection diameter	1.5"x1.5"	2"x2"	2"x2"	2"x2"	2"x2"
Motor type	Permanent magnet synchronous				
Efficiency	80%				
Speed modulation	450 - 3450tr/min				
Flow rate at 10 mCE	17.5 m <sup>3</sup> /h	19 m <sup>3</sup> /h	22 m <sup>3</sup> /h	24.3 m <sup>3</sup> /h	28.2 m <sup>3</sup> /h
Maximum flow rate	21 m <sup>3</sup> /h	23 m <sup>3</sup> /h	27 m <sup>3</sup> /h	29 m <sup>3</sup> /h	33.3 m <sup>3</sup> /h
Maximum head (m)	22	22	24	25	26
Power supply	Single-phase 230V-50Hz				
Dimensions in mm (L x l x h)	596 x 270 x 306		605 x 270 x 338		
Current (A)	5.5	5.5	7	8	10
Warranty	3 years				

