

3 good reasons  
to invest in  
**a variable  
speed pump**



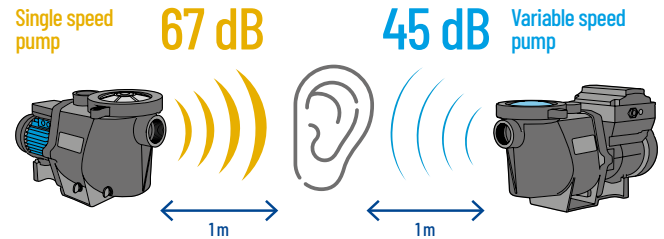
# Shh, it's running!

## One of the quietest pumps in the world

We all know silence is golden: did you know that the variable speed pump is one of the quietest pumps in the world?

Its unique motor technology provides silence like no other: when running at a low speed, it sounds like nothing more than a whisper.

A variable speed pump is on average 20 dB quieter than a single speed pump, i.e. **75% less noise**.



Source: [iacoustics.com/blog-full/comparative-examples-of-noise-levels.html](http://iacoustics.com/blog-full/comparative-examples-of-noise-levels.html)



# Taking on the leading role!

## Unmatched efficiency for crystal-clear water

### Optimum filtration quality

The slower the water circulates through the filter, the better the filtration quality. The variable speed pump allows continuous filtration at a **slow speed** with the option to backwash the filter at **maximum speed**.

### A better efficiency of treatment products

Pool water is continuously circulated. This enables more homogenous mixing of the products within the pool. For permanent water quality monitoring, the variable speed pump is **an essential asset** to an automatic water treatment system.

#### **BENEFIT FROM A CLEAN, CLEAR POOL WITH SUPERIOR FILTRATION QUALITY, WHATEVER THE CONDITIONS**

After your kids invite their friends over to play in the pool, as winter creeps in or on hot summer days and for more effective backwashes... A simple touch of a button lets you alternate between increasing or decreasing the filtration speed, simple as that!



# REASON | 3

## Spectacular savings!

### Payback after just a few seasons

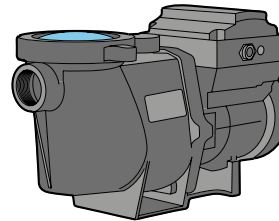
**A variable speed pump uses 70% less energy than a single speed pump**

What makes owners of variable speed pumps especially happy are the clear **energy savings they see in their bills at the end of the month.**

With increased performance and less energy lost, the variable speed pump can operate more easily at low speeds and offer lower flow rates, allowing for significant energy savings. Why? Because when the flow rate is halved, energy consumption is reduced by eight!

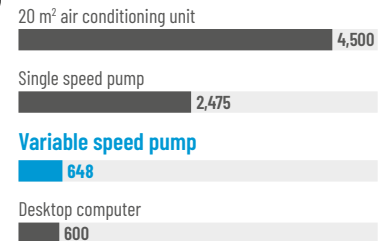
**It even consumes less when running 24/7!**

Over a period of around 5 months, the energy consumption when using a variable speed pump is around 70% less than a single speed pump.



#### Consumption in kWh over 5 months

Source: [cybat-plombierparis.com](http://cybat-plombierparis.com)



Flash with your smartphone to access our pool savings calculator and to select the most suitable pool for your needs

# Variable Speed. Invariably smart.



## Variable speed pumps (VS2)

- + **THE scalable solution.** A pool changes throughout its lifetime with the addition of new equipment: a variable speed pump allows you to filter your pool, whatever its size. Selecting a higher speed to manage new additions, such as new laminars or a heat pump for instance is extremely easy.
- + Perform more effective backwashes on your sand filter thanks to this readily available reserve capacity.
- + User-friendly programming lets you pick the best speed for your pool so that your pump can **temporarily** deliver more power, for example, when your kids invite their friends over to play in the pool in the summer.



## Variable speed and flow pumps (VSF)

- + This technology, owned by Pentair, benefits from the same advantages as a variable speed pump, but that's not all!
- + The flow rate in a filtration system gradually declines, namely because the filter gets progressively dirty. Pentair's VSF technology detects this increase in pressure drops (clogging of the filter) and **automatically increases its power to maintain a constant flow rate.**
- + **Total pool control via your smartphone.** Going on vacation? Preparing for a pool party? Automation is your pool's best friend. For maintenance and monitoring, the Pentair Home app keeps your pool in touch with you and your pool pro. Available on a selection of pumps.



## Your pool in cruise control mode

Just like the speed regulator in modern cars, our constant flow pumps maintain their flow rate by adapting to the conditions. This guarantees you continuous efficiency, so your pool is **always ready for a dip!**



# Our variable speed pumps

Pentair offers numerous variable speed pumps. Each with their own unique features and advantages.



Ask your pool specialist which solution is most suitable for your setup



## The variable speed pump: the prime solution

A pump manufactured in Europe from quality parts, which is silent, consumes less and has the capacity to supply future equipment: meet our prime solution.

### 3 great reasons to invest in a variable speed pump:

1. One of the quietest pumps around
2. Formidable efficiency for crystal-clear water
3. Spectacular savings

### Discover our range of variable speed pumps



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