

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



# REASON 1

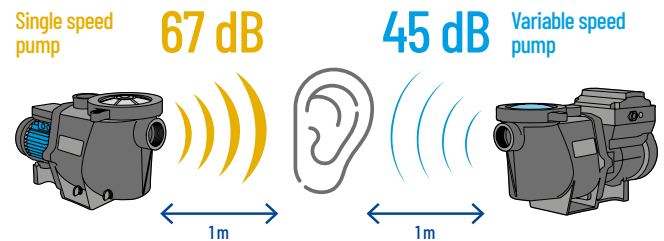
## Shh, it's running!

### 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.

The IntelliFlo pump is on average 20 dB quieter than a single speed pump, i.e. **75% less noise**. Stand out from the crowd with the IntelliFlo thanks to its silence.



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

# Taking on the leading role!

## Formidable 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**.

### The greatest effectiveness of treatment products

Pool water is continuously circulated. This enables more homogenous incorporation 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 kid's birthday celebrating with all their friends, 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

## The spectacular savings!

Payback after just a few seasons

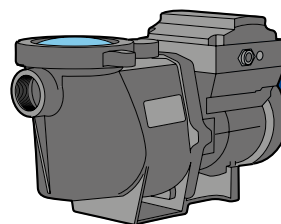
The variable speed pump  
uses 70% less energy  
than a single speed pump

What makes owners of the IntelliFlo pump 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 seven eighths!

**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)

20 m² conditioner unit

4,500

Single speed pump

2,475

**Variable speed pump**

**648**

Desktop computer

600



# The electronic box that does it all!

Pentair offers two control types

## Variable speed pump (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 private pool, whatever its size. Thanks to its reserve capacity, it will adapt to changes in your pool if, for example, you wish to install new laminars, a heat pump, etc.
- + Perform more effective backwashes on your sand filter thanks to this readily available reserve capacity.
- + Easily set the pump system so that it **temporarily delivers** more power, for example, when your kids invite their friends over to play in the pool in the summer.

## Constant flow pump (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.**
- + It's the guaranteed continual water replacement, optimum filtration and regular laminars (invaluable for infinity pools).

### 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

## 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

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.



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PENTAIR POOL EUROPE

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