

# Pentair Intelliflo Pumps

**The Pump Of The Future** We seldom place a bias on a specific brand name at Gohlke Pools, as there are several good brands in the pool industry. If we did not tell you about the Pentair IntelliFlo variable speed pump, we would be doing you a disservice. This product continues to gain momentum and appears to be the pump of the future as energy prices continue to rise. The dramatic utility savings (30%-90%) that this pump provides, coupled with the quietness and controllability of the pump, it is easy to see why Pentair is excited about the future of the IntelliFlo variable speed pump.

## The Pentair Intelliflo Pump Provides the Following Four Advantages Over Traditional Pool Pumps:

1. Dramatically reduces energy consumption 30%-90%, saving hundreds each year
2. Operates much quieter.
3. Automatically monitors and adjusts to pool conditions to provide the longest service life of any pump.
4. Links to additional water features and equipment to offer expanded control capabilities

## It Operates Slower

How does it work? It works by operating slower than traditional pool pumps. Why is slower better? The surprising secret to minimizing pump energy costs is to operate at the lowest flow rate

needed to accomplish a job. It takes far less energy to move water slowly than quickly. Why? Because there is lower resistance in the filter, accessories and plumbing system. Even though a pump will work longer at a lower flow rate, this is far more efficient. In fact, reducing pump motor speed by half actually reduces the power needed to 1/8 of what's consumed at the higher speed. A good analogy is your car: you get much better gas mileage at 30 mph than at 90 mph. The same is true with pool pumps—run slower for efficiency (and many other good reasons, too).

## It has Multiple Speeds

Traditional pool pumps are either single-speed or two-speed designs. Their motor speeds are set and unchangeable. These set speeds are almost always higher than required, thereby overpowering the jobs they are assigned to do and wasting energy. Other pumps rely on induction motor technology, which is far less efficient. The result is that pumps are notorious energy hogs that cost hundreds, and even thousands, per year to operate. In fact, in some areas of the country, laws are being passed to prevent future purchases of these “old school” pumps. IntelliFlo VF, in contrast, is sensationally energy efficient. It is the completely automatic, self-setting and self-adjusting, variable speed marvel with a microprocessor that determines and maintains the lowest amount of water flow for maximum performance and minimum energy use.

It is also the first to use a vastly more efficient permanent magnet motor technology (used in hybrid cars).

## In Summary

In conclusion, virtually everything works more effectively (less wear and tear) when the Pentair IntelliFlo pump is on the job. The energy savings are massive. Operating noise is virtually eliminated. Service life is dramatically increased. Filters and sanitizers work better. Your water features are adjustable. These are the many reasons why IntelliFlo is, without question, the single most valuable technology innovation in pool equipment history.

***How much money can you save by switching to the Pentair Intelliflo pump?*** You can estimate your savings online by going to [www.pentairpool.com](http://www.pentairpool.com) and clicking on the pool pump energy savings calculator.

**[www.pentairpool.com](http://www.pentairpool.com)**

*Information was obtained from the [www.pentairpool.com](http://www.pentairpool.com) website.*

## Note:

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