



INTELLIFLO® VSF

# INTELLIFLO® VSF

## VARIABLE SPEED AND FLOW PUMP

PRECISE FLOW CONTROL FOR THE HIGHEST ENERGY SAVINGS  
AND ULTIMATE SYSTEM PERFORMANCE.



**TRADEGRADE**  
BY PENTAIR



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



# Good things happen when you **go with the flow.**

**NEW!** THE WORLD'S FIRST VARIABLE SPEED AND FLOW PUMP THAT DELIVERS THE HIGHEST AVAILABLE EFFICIENCY AND PEAK PERFORMANCE.

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## **Responds to changing conditions**

The IntelliFlo® VSF Pump is the first to adjust to changes in flow conditions to maintain its preprogrammed flow rate to run optimally throughout the entire filtration cycle. It's like having cruise control for your pump.


## **Equipment performs precisely as designed**

- Filters get the right amount of flow to maintain water clarity.
- Laminars and water features perform more consistently.
- Equipment efficiency and service life increase.

## **Up to 90%<sup>1</sup> energy savings**

Since the IntelliFlo VSF pump is ultra energy efficient, you can experience increased energy savings, up to 90%, when compared to conventional single- or two-speed pumps.

<sup>1</sup>Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors.



# TRADEGRADE BY PENTAIR

THE NEW INTELLIFLO VSF PUMP IS PART OF THE TRADEGRADE FAMILY OF PRODUCTS—EXCLUSIVELY MADE FOR AND SOLD BY THE WORLD'S MOST DEMANDING POOL PROFESSIONALS.

TradeGrade products give consumers the confidence that their pool pro is recommending the very best equipment and providing unmatched expertise for installation, setup and servicing.



## POTENTIAL SAVINGS WITH AN INTELLIFLO VSF VARIABLE SPEED AND FLOW PUMP

Estimated pump savings per year <sup>1</sup>	Energy cost per kilowatt hour (kWh)	Estimated pump savings after five years
up to \$1,500	\$0.16	up to \$7,500
up to \$1,800	\$0.20	up to \$9,000
up to \$2,700	\$0.30	up to \$13,500



# All around the pool, **precision pays.**

## **Adjusts to your pool's unique needs**

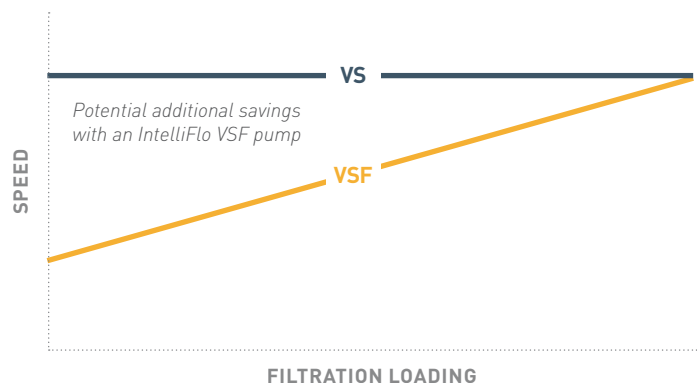
Every pool design is different, and conditions change, such as when filters accumulate debris over time. Other variable speed pumps require guesswork to set, and they don't adjust for flow changes. But, the IntelliFlo® VSF Pump does and always delivers just the right flow.

## **Set it and forget it**

Just set the desired flow rate and the IntelliFlo VSF pump will adjust as needed to maintain it. It's that simple. There's no more guesswork. Kick back and enjoy your pool while the IntelliFlo VSF pump supplies the precisely set flow for peak equipment performance.

## ENERGY SAVINGS WITH FLOW CONTROL

*Traditional variable speed pumps are set to run faster than needed early in the filtration cycle to compensate for flow reduction later as debris accumulates in the filter. The IntelliFlo VSF pump adjusts flow throughout the cycle to minimize energy use.*



### **Variable Speed:**

RPM set high to maintain minimum flow

### **Variable Speed and Flow:**

Increases speed as needed to maintain preset flow

**ALWAYS THE RIGHT FLOW FOR A BETTER  
POOL EXPERIENCE AND LOWER COSTS**



**Perfecting flow**

By itself or integrated with an automation system, rely on the IntelliFlo VSF pump to precisely maintain your system's flow requirements, no matter the task.



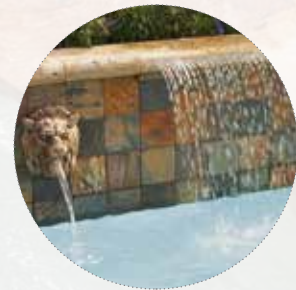
**Sparkling clean water**

Always the right flow to maintain daily water turnover for optimum filtration.



**More efficient heating**

Always the right flow for maximum heater efficiency.



**Visual perfection**

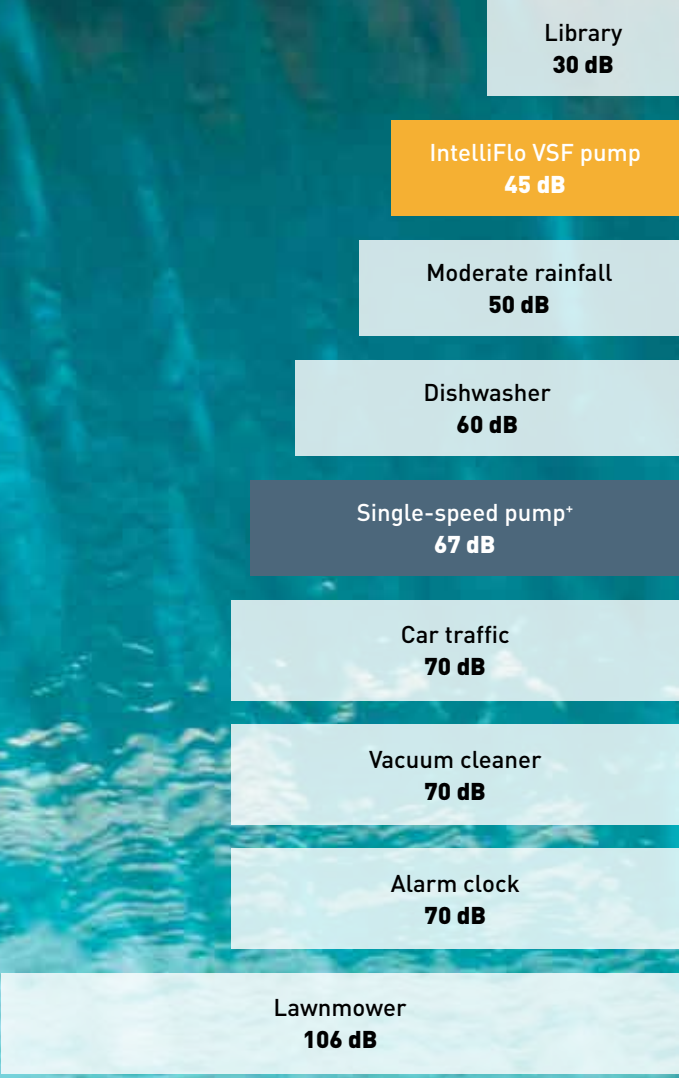
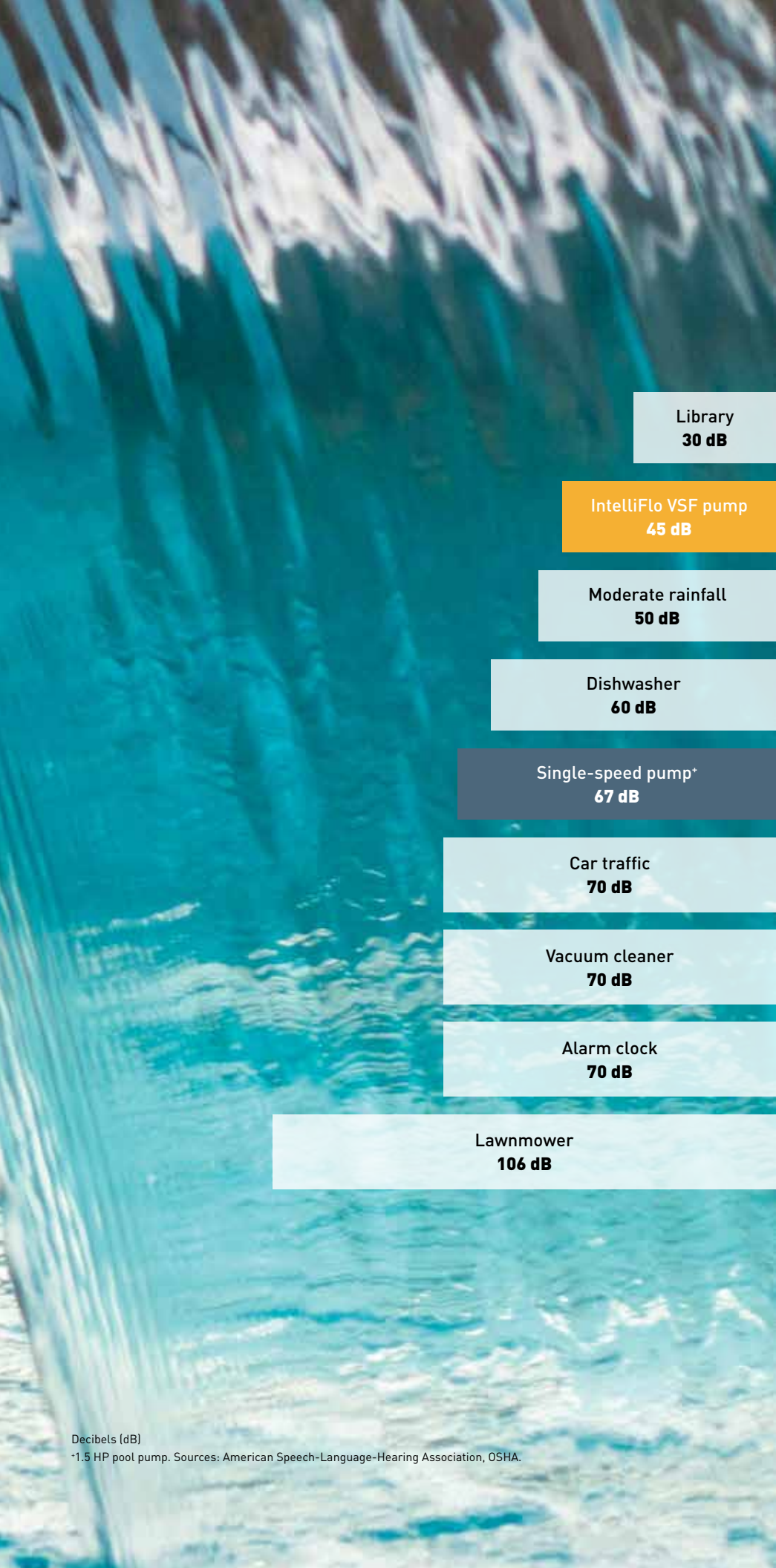
Always the right flow so laminars, waterfalls and negative edges look their best.



# It's an IntelliFlo® Pump with **trusted family traditions.**

Pentair is the first brand to offer speed control and flow control in the same pump. And, the IntelliFlo VSF pump is the most recent product in a long history of firsts. Innovations include: the first variable speed pool pump, the first variable flow pool pump, Safety Vacuum Release System (SVRS) technology and the first ENERGY STAR® Certified pool pump.





Decibels (dB)  
 \*1.5 HP pool pump. Sources: American Speech-Language-Hearing Association, OSHA.



**Smart technology for remarkable energy efficiency**

Experience energy savings up to 90%. IntelliFlo pumps are installed in more pools worldwide and have saved more money than any other variable speed pump family.



**Set it and forget it**

IntelliFlo VSF pump maintains its set flow rate by responding to changing conditions. It's like cruise control for your pump.



**The quietest pump on the planet**

When operating at low speed, it's so quiet you might not even know it's operating.



**Automation compatible**

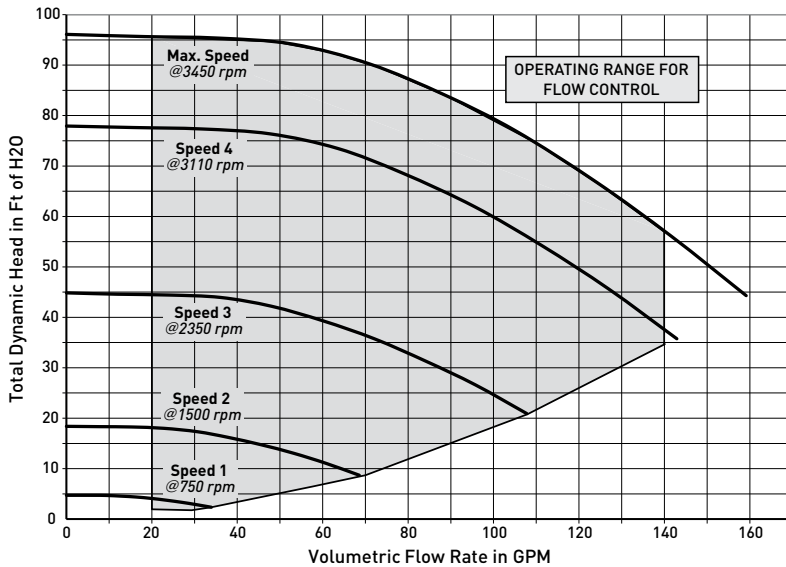
Pair with the EasyTouch® or IntelliTouch® Automation Systems with ScreenLogic2® Interface and you can control your pool functions from across the yard or around the globe.

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## VARIABLE SPEED AND FLOW PUMP

PRECISE FLOW CONTROL FOR THE HIGHEST ENERGY SAVINGS  
AND ULTIMATE SYSTEM PERFORMANCE.

### Performance Curves



**AN ECO SELECT® BRAND PRODUCT**  
The IntelliFlo VSF pump has earned the Eco Select brand distinction from Pentair for its efficiency and environmentally friendly performance.



The ENERGY STAR® Certified IntelliFlo VSF pump from Pentair meets strict energy-efficiency criteria set by the U.S. Environmental Protection Agency and the U.S. Department of Energy. This pump saves money, reduces energy use and protects the environment.



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