

Variable Speed Pump



Don't let your pool pump rob you blind

A breakthrough in energy-efficiency and service life, the IntelliPro® VS-3050 Variable Speed Pump allows programming for four different speeds for different pool, spa or water features applications. By dialing in the minimum speed required for a task, the pump works less and uses less energy. Pump speeds are easily adjusted with the push of an up or down arrow button.

An Eco Select™ Choice: Standard pool pumps can consume as much energy as all other home appliances combined—often costing more than \$1,000 per year! IntelliPro® VS-3050 Variable Speed Pump pumps can typically cut energy use by 30% to 90%, generally saving \$324 to \$1,356 in utility costs annually—more where rates are higher than average.*

*Savings based on comparison pump running between 3.6 and 12 hours per day at the national average of 15¢/kilowatt hour in a 20,000 gallon pool.

Please visit the pool pump cost saving calculator:
http://www.pentairpool.com/pool_pump_calc/index.htm

IntelliPro Variable Speed Pump

The IntelliPro variable speed pump is well suited for all of your pool, spa, cleaner, waterfall and other water application. Using the control panel, IntelliPro can use one of the four selectable preset speeds or the pump speed can be adjusted to run at a specific speed. The IntelliPro pump out performs all conventional pumps in its class. Advanced energy conservation features ensure that your filtration system is operating at peak

IntelliPro models

There are two IntelliPro models which operate identically with the exception of the maximum flow rate:

- IntelliPro 160 operates at a maximum system flow of 160 gallons per minute (GPM)
- IntelliPro 100 operates at a maximum system flow of 100 gallons per minute (GPM)

The IntelliPro variable speed pump can operate from 400 RPM to 3450 RPM with preset speeds of 750,

1500, 2350, and 3110 RPM. The pump can be adjusted from the control panel to run at any speed

between 400 RPM to 3450 RPM for different applications. The IntelliPro pump control panel alarm LED

warns the user against under and over voltage, high temperature, over current and freeze protection.

Features

- Adjusts to various pool sizes
- Prevents thermal overload
- Detects and prevents damage from under and over voltage conditions
- Protects against freezing
- Communicates with the Pentair IntelliTouch system via a two-wire cable connection
- Easy to use operator control panel
- Operator control panel buttons for speed control
- Built-in strainer pot and volute
- Ultra energy-efficient TEFC Square Flange Motor
- Compatibility with most cleaning systems, filters, and jet action spas
- Driver assembly features permanent magnet synchronous motor
- Heavy-duty, durable construction designed for long life
- UL approval

IntelliPro Motor Features

- Permanent Magnet Synchronous Motor (PMSM)
- High efficiency (3400 RPM 92% and 1000 RPM 90%)
- Superior speed control
- Operates at lower temperatures due to high efficiency
- Same technology as deployed in hybrid electric vehicles
- Designed to withstand outdoor environment
- Totally enclosed fan cooled
- Three-phase motor
- 56 Square Flange
- Six-Pole
- Low noise

Certifications

