



2015

Pool Equipment Savings Guide

Pump and Filter Breakdown

Pentair WhisperFlo

Pentair IntelliFlo

Pentair Sand Filters

Pentair Cartridge Filters



Standard 1HP Pump

VS

Energy Efficient ½ HP Whisperlo



Cost of Operation

Standard 1hp Pump

- 1700W @ \$0.10kw/h = \$0.17/Hr
- \$0.17/Hr x 24hrs/day = \$4.08/day
- \$4.08/day x 30days/month = \$122.40/Month
- 122.40 x 5 Months ≡ \$612.00/season

Cost of Operation

Energy Efficient ½hp Pump

- 900W @ \$0.10kw/h = \$0.09/hr
- 0.09/hr x 24hrs = \$2.16/day
- \$2.16/day x 30 = \$64.80/month
- \$64.80 x 5 months = \$324.00/season

WHISPERFLO ENERGY SAVINGS

= \$288.00/year

WHISPERFLO*
HIGH PERFORMANCE PUMP



- This pump pays for itself within 2 years
- Operational Flow Rate of 60gpm @40ft/head is identical between the 1hp and 1/2hp pumps meaning your pump produces the same Flow Rate using half the power!
- Similar footprint as your existing pumps allows for easy installation

Standard 1HP Pump
VS
Variable Speed Pump

Cost of Operation

Standard 1hp Pump

- $1700\text{W} @ \$0.10\text{kw/h} = \$0.17/\text{Hr}$
- $\$0.17/\text{Hr} \times 24\text{hrs/day} = \$4.08/\text{day}$
- $\$4.08/\text{day} \times 30\text{days/month} = \$122.40/\text{Month}$
- $122.40 \times 5 \text{ Months} = \underline{\underline{\$612.00/\text{season}}}$

Cost of Operation

Variable Speed Pump

- $400\text{W} @ \$0.10 \text{ kw/h} = \$0.04/\text{hr}$
- $0.04/\text{hr} \times 24\text{hrs/day} = \$0.96/\text{day}$
- $0.96/\text{day} \times 30 = 28.80.\text{month}$
- $28.80 \times 5 \text{ months} = \underline{\underline{\$144.00/\text{season}}}$

ENERGY SAVINGS = \$468/YEAR

VARIABLE SPEED PUMP ENERGY SAVINGS = \$468/YEAR



WHY CHOOSE A VARIABLE SPEED PUMP ?

- Pump pays for itself within 3 years
- According to all major manufacturers optimal flow rate is 30gpm (gallons per minute)
- The only way to get a pump to 30gpm is by using a Variable Speed Pump
- Saves on energy and provides optimal performance



CARTRIDGE FILTERS
VS

SAND FILTERS



Why choose a Cartridge Filter

- Designed to last a full season without cleaning
- Filtering capacity is twice that of a sand filter giving you cleaner water
- If maintained properly, cartridge filters can last 5-7 years
- No backwash required (avoids dumping chemically treated water into the environment)
- No backwash hose to constantly unwind and wind up
- Can SAVE approx \$500 on your water bill with no backwash