



**2021**

# **Pool Equipment Savings Guide**

## **Pump and Filter Breakdown**

Pentair WhisperFlo  
Pentair IntelliFlo VS  
Pentair Sand Filters  
Pentair Cartridge Filters





# Standard 1HP Pump

VS

# Energy Efficient ½ HP Whisperlo

## Cost of Operation

### Standard 1hp Pump

- 1700W @ \$0.18kw/h  
=\$0.30/Hr
- \$0.30/Hr x 24hrs/day  
=\$7.20/day
- \$7.20/day x 30days/month  
= \$216.00/Month
- \$216.00 x 5 Months  
**=\$1,080.00/season**

## Cost of Operation

### Energy Efficient ½hp Pump

- 900W @ \$0.18kw/h=  
\$0.16/hr
- \$0.16/hr x 24hrs =  
\$3.84/day
- \$3.84/day x 30=  
\$115.20/month
- \$115.20 x 5 months =  
**\$576.00/season**



# WHISPERFLO ENERGY SAVINGS

= \$504.00/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 the Whisperflo produces the same Flow Rate using half the power!
- Similar footprint as your existing pumps allows for easy installation and compatibility



# Standard 1HP Pump VS VariableSpeedPump



## Cost of Operation

### Standard 1hpPump

- 1700W @ \$0.18kw/h  
=\$0.30/Hr
- \$0.30/Hr x24hrs/day  
=\$7.20/day
- \$7.20/day x30days/month  
= \$216/Month
- \$216 x 5 Months  
=\$1,080.00/season

## Cost of Operation

### Variable Speed Pump

- 400W @ \$0.18kw/h  
=\$0.07/hr
- \$0.07/hr x 24hrs/day =  
\$1.73/day
- \$1.73/day x 30 = \$51.90  
month
- \$51.90 x 5 months  
= \$259.50/season

**ENERGY SAVINGS = \$820.50/YEAR**

# VARIABLE SPEED PUMP ENERGY SAVINGS = \$820.50/YEAR

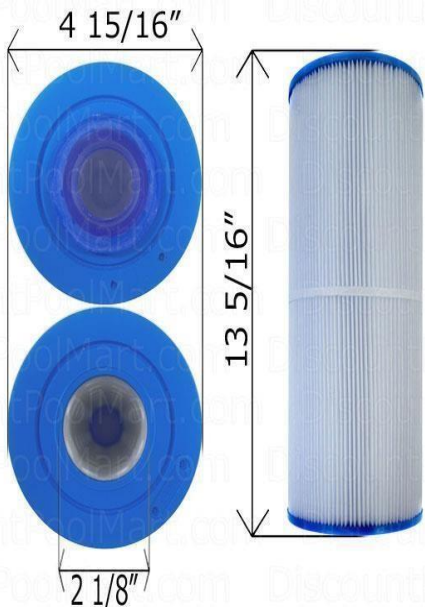


## WHY CHOOSE A VARIABLE SPEED PUMP ?

- The VS 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)
- Reduces wastewater by not having to refill your pool after backwashing
- No backwash hose to constantly unwind and wind up
- Can SAVE approx. \$500 on your water bill with no backwash