## 2015 Pool Equipment Savings Guide

POOLACRAFT

### Pump and Filter Breakdown

Pentair WhisperFlo Pentair IntelliFlo Pentair Sand Filters Pentair Cartridge Filters





Standard 1HP Pump <u>VS</u> 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 <u>=</u>
  <u>\$612.00/season</u>

### 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





- This pump pays for itself within 2 years
- Operational Flow Rate of 60gpm @40ft/head is identical between the 1hp and ½hp pumps meaning your pump produces the same Flow Rate using half the power!
- Similar footprint as your existing pumps allows for easy installation

#### <u>Standard 1HP Pump</u> <u>VS</u> <u>Variable Speed Pump</u>

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 <u>=</u>
  <u>\$612.00/season</u>

Cost of Operation

Variable Speed Pump

- 400W @ \$0.10 kw/h = \$0.04/hr
- 0.04/hr x 24hrs/day = \$0.96/day
- 0.96/dayx 30 = 28.80.month
- 28.80 x 5 months
  = \$144.00/season

## ENERGY SAVINGS = \$468/YEAR

#### **VARIABLE SPEED PUMP ENERGY SAVINGS** = \$468/YEAR

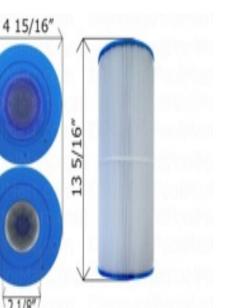


### WHY CHOOSE A VARIABLE SPEED PUMP ?

- 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