

# AQUAFORCE® PUMPS

Design & Performance

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# The Aquaforce® Is A Submersible Solids Handling Waterfall And Filter Pump

- The protective pre-filter cage allows the pump to be placed directly in the pond
- Great solution for providing water to biological waterfall filters and pressure filters



Large Protective Pre-filter Cage Prevents Solids Larger Than ¼"  
From Reaching The Pump



## The Aquaforce® Is Easy To Install

- A convenient selection of fittings is included with each AquaForce® model
- These fittings save time and eliminate the frustrating process of trying to find the right plumbing fittings in the store



1 1/2" Rotational Ball Output



3/4", 1", 1 1/4"  
Multi Hose Adaptor



1 1/2", 2"  
Multi Hose Adaptor

# The Aquaforce® Side Discharge Makes It Easier To Run Plumbing Out Of The Pond



## Rotational Ball Socket Fitting

- Adjustable, rotating fitting allows the pump discharge to be adjusted to the perfect position



Rotational ball socket





# The Hybrid-style Aquaforce® Motor Saves Hundreds Of Dollars In Annual Electrical Costs

- For example, the AquaForce® 1000 produces 1000 gallons per hour, but costs less to operate than a 100 watt light bulb!



# Energy-Efficient Asynchronous Motor

- Combines the electrical efficiency of a magnetic-driven pump (mag-drive) with the flow rates of a conventional electric motor-driven pump.



Magnetic-Driven Pump



Conventional Electric Motor-Driven Pump



AquaForce® Asynchronous Motor



## Built to Last

- Designed to meet the rigorous demands of operating 24 hours a day and 7 days a week.



## Ceramic Shaft And Bearings

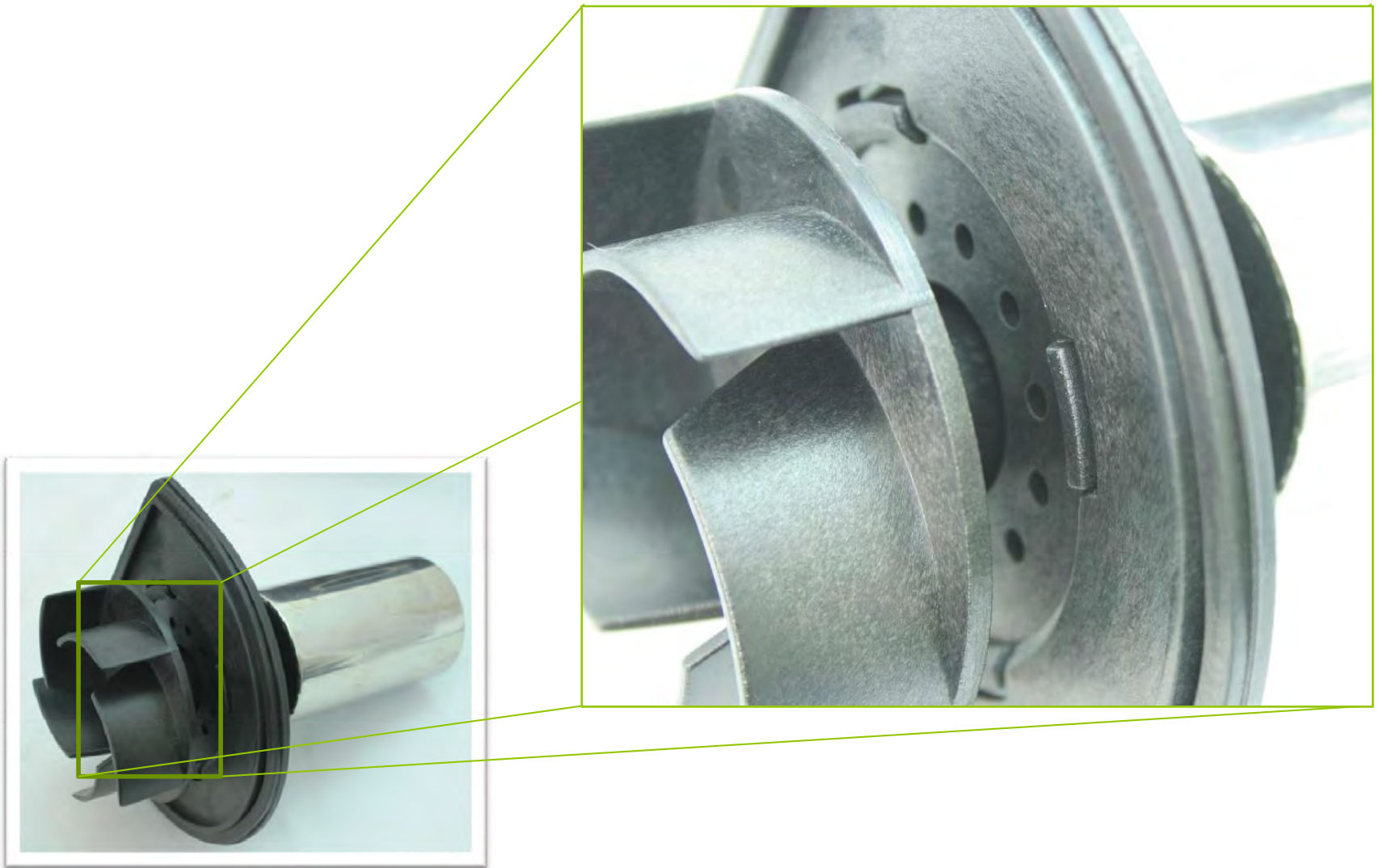
- Provides exceptional hardness, durability and less rotating resistance compared to steel, ensuring the rotor spins smoothly and efficiently.



## Stainless-Steel Rotor Resists Corrosion



Water Cooling Ports Increase Circulation Around The Rotating Parts  
Ensuring That The Motor Operates At The Optimum Temperature



# AquaForce® Solids Handling Waterfall Pump

- Simple pump cage clips make it easy to open for maintenance





## The AquaForce® is Also a Great Winter Deicer

- The fact that the AquaForce® can be submerged directly into the pond also makes it a great pump to use as a winter deicer.
- The powerful flow of water positioned just below the surface of the pond will keep a hole open in the ice and ensure critical oxygen levels are maintained during the cold winter months.





## Three Models to Choose From



AquaForce®  
1000



AquaForce®  
2700



AquaForce®  
5200

# AquaForce® Pumps - Performance Comparison



Old generation



New generation



	Aquascape AquaForce® 2000	NEW Aquascape AquaForce® 2700	
Max GPH	2,000 GPH	2,695 GPH	34% flow increase
Watts	110 W	90 W	18% power savings

# AquaForce® Performance Comparison

- Improved Performance Across the Line!



MODEL	POWER (W)	SHUTOFF (Ft)	MAX FLOW (GPH)
1 <sup>st</sup> Gen AquaForce®			
AF1000	50 W	6.5 ft	1,000 GPH
AF2000	110 W	10 ft	2,000 GPH
NEW 2 <sup>nd</sup> Gen AquaForce®			
New AF1000	55 W	10 ft	1,070 GPH
New AF2700	90 W	12.5 ft	2,695 GPH
New AF5200	360 W	24 ft	5,284 GPH



# AquaForce® US Pricing Comparison

1 <sup>st</sup> Gen AquaForce®	MSRP	NEW 2 <sup>nd</sup> Gen AquaForce®	MSRP
AquaForce® 1000	\$199.98	AquaForce® 1000	\$199.98
AquaForce® 2000	\$229.98	AquaForce® 2700	\$249.98
		AquaForce® 5200	\$399.98

Comparable price points, but...

- Asynchronous motor upgrade
- Improved flow rates and electrical efficiency
- Expanded line



Prices shown on this slide are based on 2012 U.S. pricing. Prices subject to change without notice.

## AquaForce® Canadian Pricing Comparison

1 <sup>st</sup> Gen AquaForce®	MSRP	NEW 2 <sup>nd</sup> Gen AquaForce®	MSRP
AquaForce® 1000	\$229.98	AquaForce® 1000	\$219.98
AquaForce® 2000	\$249.98	AquaForce® 2700	\$279.98
		AquaForce® 5200	\$439.98

Comparable price points, but...

- Asynchronous motor upgrade
- Improved flow rates and electrical efficiency
- Expanded line



Prices shown on this slide are based on 2012 Canadian pricing. Prices subject to change without notice.

# Aquaforce® Pumps





## This Concludes this Training Module

For additional information please feel free to contact:



*U.S. Customers:*

Phone: (866) 877-6637

Email: [customercare@aquascapeinc.com](mailto:customercare@aquascapeinc.com)



*Canada Customers:*

Customer Service Phone: (866) 766-3426

Customer Service Email: [customerservicecanada@aquascapeinc.com](mailto:customerservicecanada@aquascapeinc.com)