

AirVantage®

SAVE Energy • SAVE Compressor Cost • SAVE Operator Cost

RE

 **AirVantage®**
ENERGY SAVING TECHNOLOGY

NEW



US Patent # 7,521,921.
Other Patents Pending

Redefining Performance

- Reduces air consumption up to 50%
- Adapts to process conditions
- Powered only by compressed air
- Saves energy while maintaining flow
- Increases productivity
- Reduces compressor maintenance
- Drop-in center section upgrades fit competitor pumps

Testimonial

"At Saint Gobain, we took the 30-Day Energy Savings Challenge within our facility and **reduced our energy cost by 23% while maintaining our desired flow rates.**

It was simple. All we did was install the trial AirVantage™ pump and it did the rest. We were surprised to learn that we can save as much as **\$1,200 in energy costs and increase our air compressor capacity by 2.5 HP per pump.**

We were very satisfied with the performance of the new system, and we plan to use AirVantage™ on all AODD pumps in the future."

Rick Klok

Plant Manager
Grains and Powders Manufacturing Facility
Saint Gobain • Niagara Falls, NY



No Wiring or Batteries!

• Self contained 12V power generator



No Manual Setting!

• Auto adjusts to your process conditions


VERSA-MATIC®
WWW.AIRVANTAGEPUMP.COM



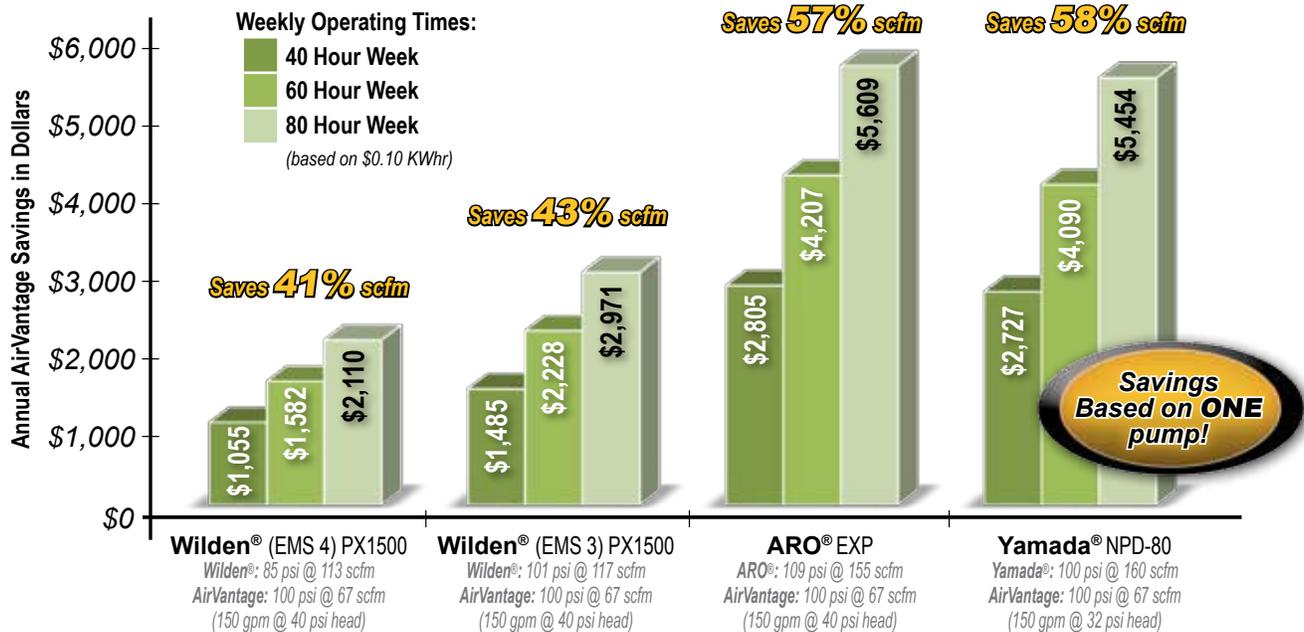
AirVantage® Technology

AirVantage is a new technology for Air Operated Double Diaphragm pumps that significantly reduces air consumption over conventional AODD pumps. AirVantage achieves this by monitoring and optimizing air flow.

How AirVantage Works

- 1 • Air enters main inlet.
- Small amount of air directed to turbine that powers the unit.
- 2 • Air Regulator Valve controls air flow volume.
- Air continues on standard path through air system.
- 3 • Sensor monitors pump velocity, sends data to microprocessor.
- Microprocessor calculates ideal air usage, regulates air valve.

Annual Savings: AirVantage RE3 vs. Competition



Pump Model	Pump Design	Pipe Size		Capacity		Solids Handling Up to		Heads - Up to				Displacement per Stroke		Suction Lift (non PTFE)		ATEX Certified Optional
		Intake	Discharge	GPM	LPM	Inch	MM	PSI	ft. of Water	BAR	M	Gallon	Liter	Dry	Wet	
RE2	Bolted Aluminum	2" (internal)	2" (internal)	0-155	0-587	.43	11	125	289	8.6	88	.60	2.33	20'	25'	Yes
RE2	Clamped	2" (internal)	2" (internal)	0-165	0-625	.43	11	125	289	8.6	88	.60	2.33	20'	25'	Yes
RE2	Bolted Stainless/Hastelloy®	2" (internal)	2" (internal)	0-150	0-568	.43	11	125	289	8.6	88	.50	1.89	20'	25'	Yes
RE3	Bolted	3" (internal)	3" (internal)	0-245	0-927	.75	19.1	125	289	8.6	88	1.45	5.49	20'	25'	Yes
RE3	Clamped	3" (internal)	3" (internal)	0-210	0-795	.75	19.1	125	289	8.6	88	1.38	5.22	20'	25'	Yes

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**Comparisons made from published data*

Wilden® is a registered tradename of Wilden Pump & Engineering Company a Dover Resources Company
 ARO® is a registered tradename of Ingersoll-Rand Company
 Yamada® is a registered tradename of Yamada Corporation

This eco-friendly product is printed using soy-based inks on paper which is acid-free, contains 55% recycled content including 30% post-consumer waste, is bleached without using chlorine and the wood pulp is harvested from sustainable forests.