

COMPARISON CENTRAL: WILDEN vs. ARO

Wilden® Pro-Flo® SHIFT Metal vs. ARO® EXP Metal

You be the judge! There are many AODD pumps out there. So before you buy, review the following head-to-head comparison designed to help you find the best pump suited for your application. **Wilden® Pro-Flo® SHIFT (PS)** bolted pumps outperform ARO EXP pumps.



34% REDUCTION
IN AIR CONSUMPTION
COMPARED TO ARO



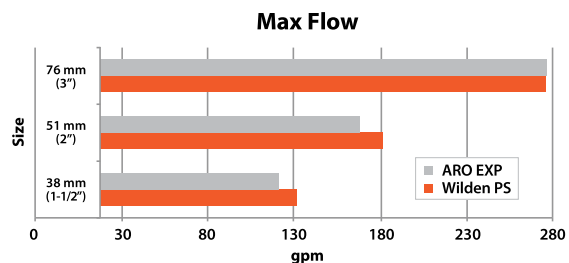
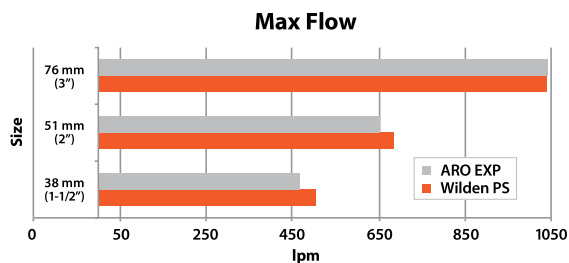
\$1.9K SAVINGS
IN ANNUAL OPERATING COSTS

NOTE: Information based on published data for the 76 mm (3") Pro-Flo SHIFT bolted metal pump vs ARO EXP metal pump for 832 lpm at 0.69 bar (220 gpm at 10 psig)

DON'T BELIEVE US? FLIP OVER TO SEE THE DATA!

WILDEN®

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Air Consumption (SCFM)	WILDEN PS		ARO EXP		% LESS AIR CONSUMED
	DATA POINTS	SIZE: 38 mm (1-1/2")	SIZE: 38 mm (1-1/2")		
	(100 gpm @ 10 psig)	48	60		20%
	70 gpm @ 40 psig)	52	75		30%
	DATA POINTS	SIZE: 51 mm (2")	SIZE: 51 mm (2")		
	(140 gpm @ 10 psig)	68	130		48%
	(70 gpm @ 40 psig)	40	75		47%
	DATA POINTS	SIZE: 76 mm (3")	SIZE: 76 mm (3")		
	(220 gpm @ 10 psig)	105	160		34%
	(90 gpm @ 40 psig)	50	75		33%

BENEFITS: Wilden PS pumps require less air to power the pump – increasing energy savings and plant productivity!
NOTE: Air supply pressure varies between pumps to meet gpm requirements.

ANNUAL OPERATING COST* (USD)	WILDEN PS		ARO EXP		WILDEN ANNUAL SAVINGS
	DATA POINTS	SIZE: 38 mm (1-1/2")	SIZE: 38 mm (1-1/2")		
	(100 gpm @ 10 psig)	\$1,632	\$1,883		\$251
	(70 gpm @ 40 psig)	\$1,597	\$2,495		\$898
	DATA POINTS	SIZE: 51 mm (2")	SIZE: 51 mm (2")		
	(140 gpm @ 10 psig)	\$2,051	\$2,715		\$664
	(70 gpm @ 40 psig)	\$1,083	\$1,354		\$271
	DATA POINTS	SIZE: 76 mm (3")	SIZE: 76 mm (3")		
	(220 gpm @ 10 psig)	\$3,639	\$5,546		\$1,907
	(90 gpm @ 40 psig)	\$1,379	\$2,206		\$827

*Assumptions: Annual Operating Cost (USD) is calculated assuming that the pumps are operating at 8 hours a day, 5 days a week, totaling to 2,080 hours of operation per year at 10 cents per kilowatt hour. Air supply pressure, per published performance curves, averaged between Wilden and ARO for cost calculation.
 NOTE: All information gathered and represented is published ARO performance data found in ARO EXP Metal Pump Manuals.
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PSG

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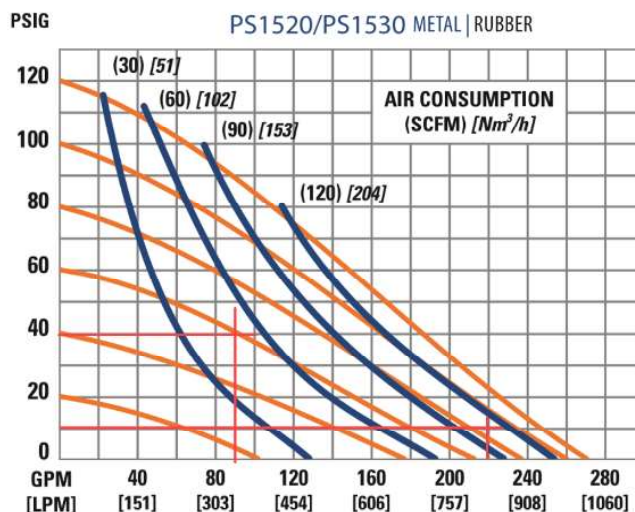
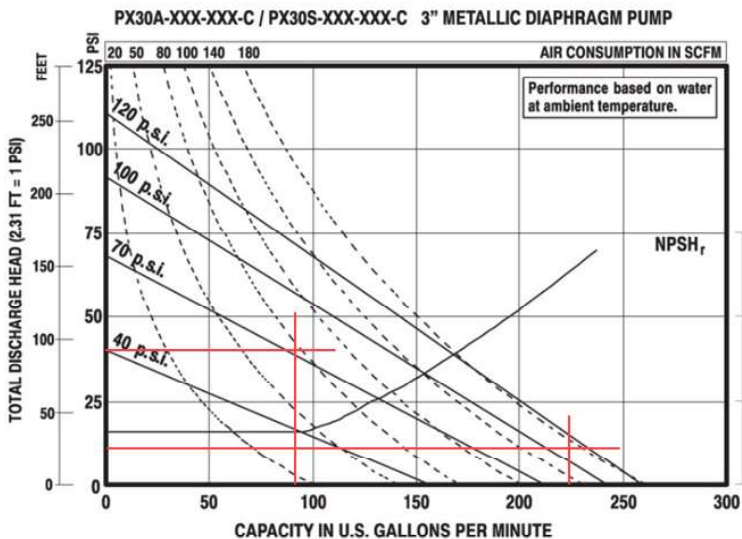
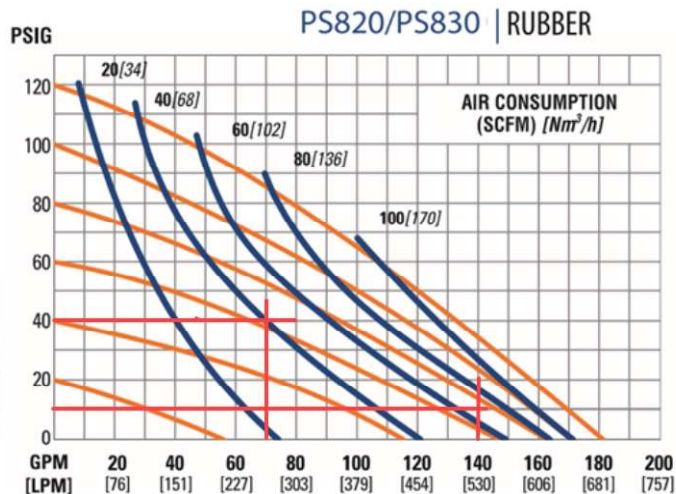
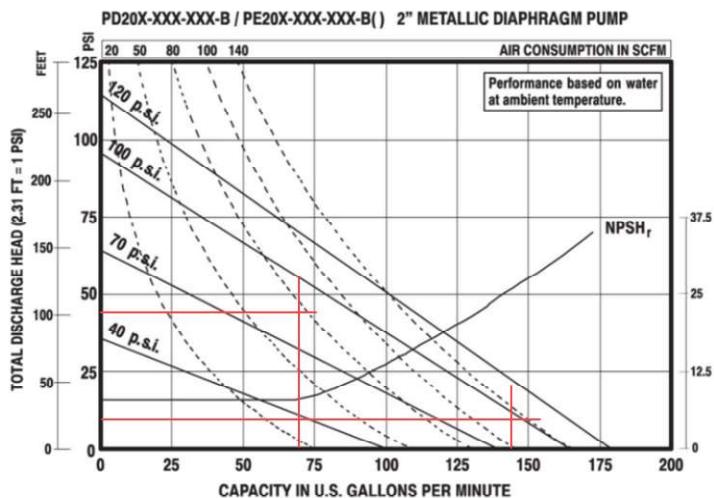
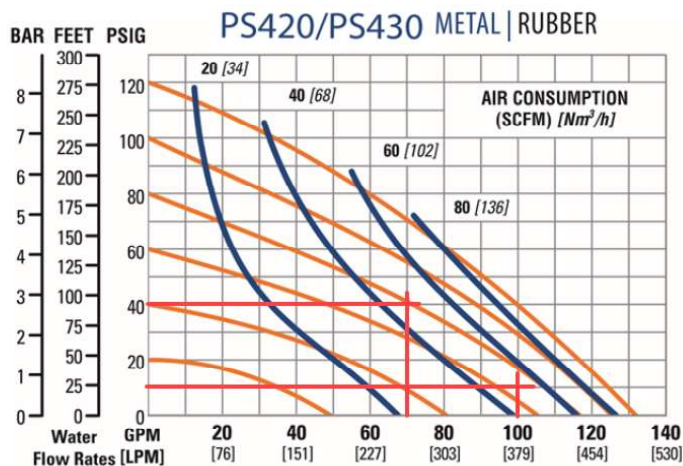
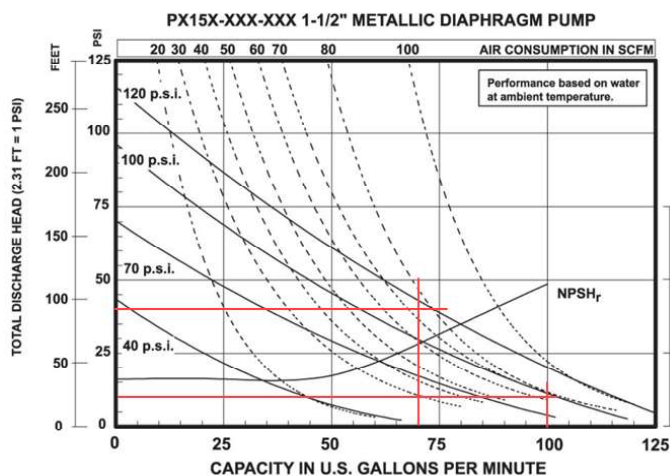
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wildenpump.com

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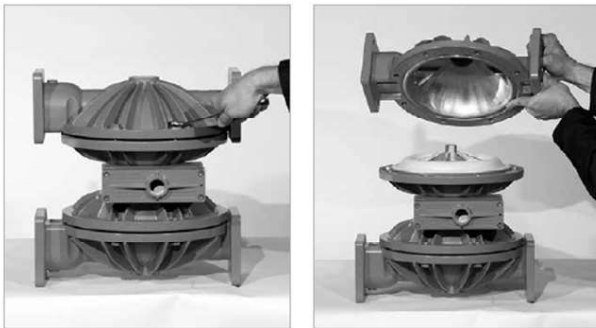
<https://www.arozone.com/en/products/diaphragm-pumps/expert-series-pumps-exp.html>

COMPARISON CENTRAL: WILDEN vs. ARO

Wilden® Pro-Flo® SHIFT Plastic vs. ARO® EXP Plastic

Pump design impacts sealing performance, durability, and maintenance intervals

The Wilden bolted metal pump series incorporates a 4-bolt square flange to distribute clamping forces to sealing elements in equivalent 90 degree increments. The Square flange also aides in assembly and disassembly procedures by providing a stable work surface.



Liquid chamber design impacts diaphragm life. Contact with liquid chamber features abrades the diaphragm, reducing operational service life

