

WILDEN®

Expert
Solutions
for Critical
Applications

ADVANCED™
Brand Portfolio



Where Innovation Flows

wildenpump.com

ADVANCED™ BOLTED METAL PUMPS
ADVANCED™ BOLTED PLASTIC PUMPS
HIGH PRESSURE PUMPS


a **DOVER** company



Wilden: The Power Behind Fluid Transfer

Advanced™ Solutions

Since 1955 Wilden Pump and Engineering LLC has been the global leader in air-operated double-diaphragm (AODD) pumps. Wilden is deeply committed to the pursuit of excellence, customer satisfaction, research and development and market knowledge. As a premier organization, Wilden has the infrastructure, knowledge base, and intellectual capital to exceed your expectations worldwide.

Our world-class distributor network ensures that you will have access to the latest pump technologies and fluid transfer services available. Wilden and its distributor network are devoted to your industries, applications and processes, servicing your needs with world-class products, delivery and best-of-class expertise. Put us to the test and contact your local distributor today at:

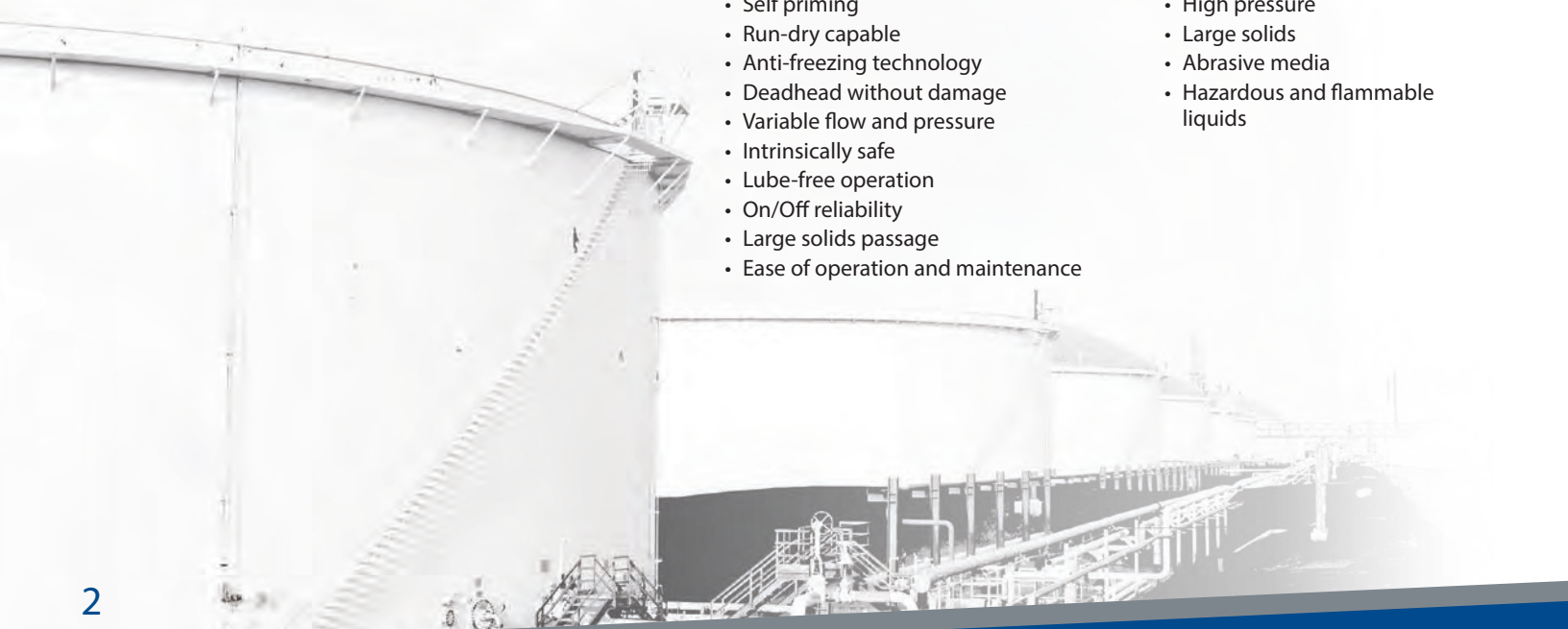
wildendistributor.com

Unique Characteristics

- Air-operated pumps (non electrical)
- Superior flow rates and efficiency
- Superior product containment
- Bolted liquid paths
- Self priming
- Run-dry capable
- Anti-freezing technology
- Deadhead without damage
- Variable flow and pressure
- Intrinsically safe
- Lube-free operation
- On/Off reliability
- Large solids passage
- Ease of operation and maintenance

Applications

- Solvents
- Acids
- Caustics
- High viscosity
- High pressure
- Large solids
- Abrasive media
- Hazardous and flammable liquids





Installation Versatility

Self-Priming

- Portable
- High vacuum
- Run-dry capable
- No heat generation



Positive Suction Head

- Preferred installation for high viscosity applications
- Superior product containment
- Inlet pressure should be limited to 0.7 bar (10 psig) to maximize parts life



Submerged

- Air-operated pumps (non electrical)
- Single-point exhaust options available for submersible applications
- Multiple material options available for process fluid compatibility



MARKETS SERVED

ENERGY

Wilden pumping solutions are leading the way in energy efficiency in storage terminals, biofuels and solar cell manufacturing. Wilden pumps play a vital role as transfer points from one mode of transportation to another and as safe, secure storage locations until product transfer is needed. Wilden is also committed to helping build a clean energy economy through the use of biofuels.

Typical Applications Handled:

- Raw crude oil
- Chemicals
- Caustics
- Ethanol
- Biodiesel
- Gases
- Crude oil
- Refined petroleum products
- Solvents
- Solar cell manufacturing
- Petroleum
- Lube oils
- Gasoline
- Diesel fuel

PROCESS

Wilden is a recognized leader in the process industries as you can find Wilden pumps in many of the top chemical, food and beverage and pharmaceutical plants around the world.

Typical Applications Handled:

- Acids
- Solvents
- General chemicals
- Pulp and paper
- Low solvent coating
- Caustics
- Soap and detergents
- Paints, inks and coatings
- Cosmetics
- Solvent-less coating
- Alcohols

WATER/WASTEWATER

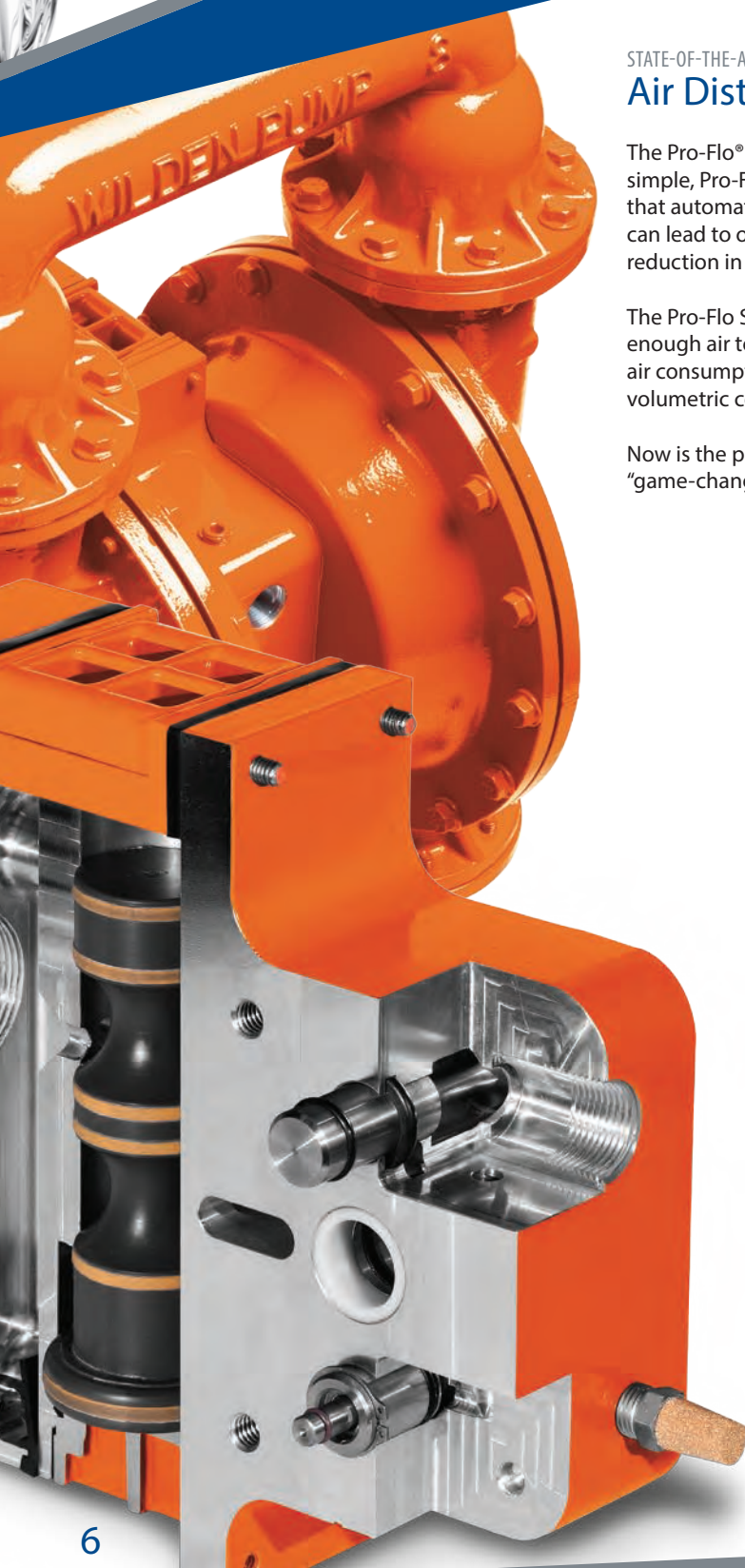
Wilden plays a critical role in handling and transferring fluids used in municipal and industrial water and wastewater plants.

Typical Applications Handled:

- Wastewater systems
- Rehabilitation systems
- Distribution
- Metal fabrication
- Potable water systems
- Water treatment supply
- Collection and disposal







STATE-OF-THE-ART

Air Distribution Systems

The Pro-Flo® SHIFT is the new standard for AODD pumps. The innovative, yet simple, Pro-Flo SHIFT Air Distribution System (ADS) features an “air control spool” that automatically optimizes air consumption and eliminates the overfilling that can lead to overcharging of the air chamber, all while causing no corresponding reduction in flow rate.

The Pro-Flo SHIFT’s revolutionary ADS design meters the air flow, allowing for just enough air to keep the pumping process operational. The results are a reduction in air consumption and operational costs while maximum operational efficiency and volumetric consistency are maintained.

Now is the perfect time to shift your thinking in AODD pump performance with the “game-changing” Pro-Flo SHIFT.



Market Position:

- Cost efficient: 50% less expensive than an electronically-actuated ADS
- Faster return on investment
- Robust design for harsh operating conditions
- Metered air consumption for less product waste
- Creates the highest performance ratio
- Superior flow rate
- Superior anti-freezing
- Single-point exhaust option
- Lube-free operation
- Reduced maintenance costs
- On/Off reliability
- Environmental sensitivity

Features:

- Simple and durable pump design
- Simple components
- Faster, easier setup time
- Plug-N-Play operation
- No electricity needed
- Precise flow rate at start-up
- Non-stalling unbalanced spool

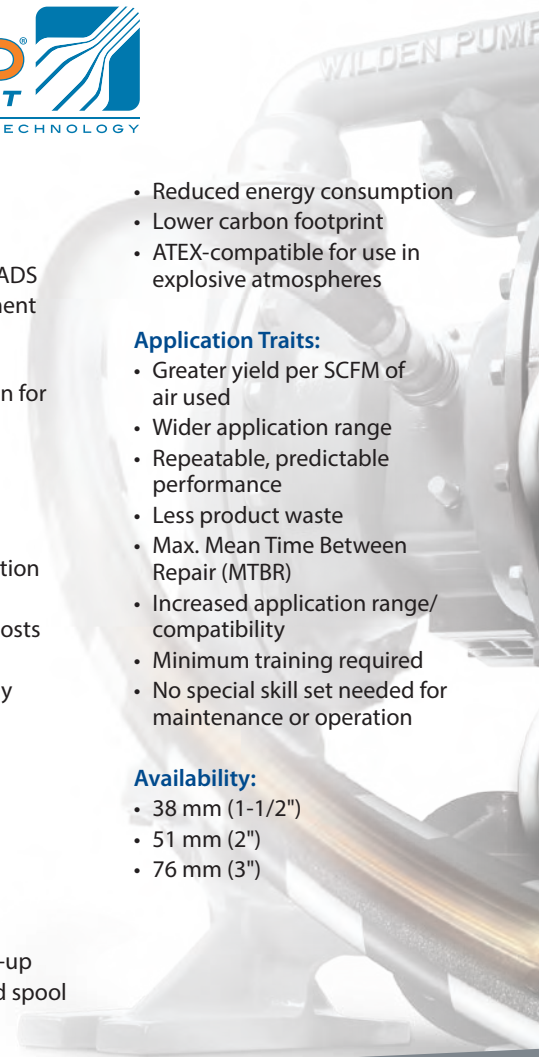
- Reduced energy consumption
- Lower carbon footprint
- ATEX-compatible for use in explosive atmospheres

Application Traits:

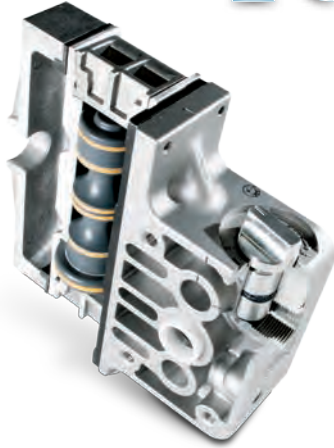
- Greater yield per SCFM of air used
- Wider application range
- Repeatable, predictable performance
- Less product waste
- Max. Mean Time Between Repair (MTBR)
- Increased application range/compatibility
- Minimum training required
- No special skill set needed for maintenance or operation

Availability:

- 38 mm (1-1/2")
- 51 mm (2")
- 76 mm (3")



SHIFTING PERFORMANCE TO A WHOLE NEW LEVEL.



Market Position:

- Variable control (discharge flow rates and air consumption)
- Superior flow rate
- Superior anti-freezing
- Single-point exhaust option
- Lube-free operation
- On/Off reliability
- ATEX models available

Features:

- Efficiency Management System (EMS™)
- Metal and plastic material options
- Non-stalling unbalanced spool
- Simple and durable design

Application Traits:

- Maximize performance and efficiency
- Process applications
- Max. Mean Time Between Repair (MTBR)

Availability:

- 25 mm (1")
- 38 mm (1-1/2")
- 51 mm (2")
- 76 mm (3")



Market Position:

- Anti-freezing
- On/Off reliability
- Longest-lasting wear parts
- Lube-free operation

Features:

- Plastic center block
- Non-stalling unbalanced spool
- Simple and durable design

Application Traits:

- Maximum reliability
- Process applications
- Max. Mean Time Between Repair (MTBR)

Availability:

- 6 mm (1/4"), 13 mm (1/2"), 25 mm (1"), 38 mm (1-1/2"), 51 mm (2")



Market Position:

- Direct electrical interface
- Superior On/Off reliability
- Reduced systems costs
- Lube-free operation

Features:

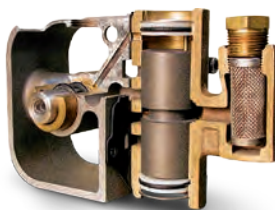
- Externally controlled
- Various voltage options
- Nema 4, Nema 7 or ATEX
- Simple installation

Application Traits:

- System automation
- 4-20 mA pH Adjusting
- Batching applications
- OEM accounts

Availability:

- 13 mm (1/2"), 25 mm (1")



Market Position:

- Low initial cost
- Largest installed base
- Proven technology
- Originated the AODD pump industry

Features:

- Metal air distribution system
- Durable
- Fewest replaceable parts
- Ease of maintenance

Application Traits:

- Utilitarian type applications
- Robust design
- Submersible
- Portable

Availability:

- 51 mm (2"), 76 mm (3")





Progressive Diaphragm Technology



Thermoplastic Elastomer (TPE)

- Polyurethane is an outstanding general-purpose diaphragm for nonaggressive chemical applications such as water, wastewater and seawater. It provides excellent flex life, abrasion resistance and durability at an economical price.
- Wil-Flex™ provides a low-cost alternative to PTFE with a cost comparable to neoprene. Made of Santoprene™, Wil-Flex is ideal for use with acidic and caustic fluids such as sodium hydroxide, sulfuric or hydrochloric acids. Exhibiting excellent flex life, abrasion resistance, temperature range and durability, it is widely used in the chemical process, food, pharmaceutical and wastewater industries. Versions of Wil-Flex are available that comply with FDA 21 CFR 177 standards for food and beverage applications.
- Saniflex™ is an excellent material for food processing applications. Made of Hytrel®, it exhibits good flex life and excellent abrasion resistance. Hytrel also offers superior sealing or seal energizing due to its low compression set characteristics. Saniflex versions are available that comply with FDA 21 CFR 177 standards.
- Geolast® exhibits enhanced oil-resistance and low oil swell making it ideal for petroleum industry applications. Equivalent to nitrile (Buna-N), Geolast provides moderate flex life and good abrasion resistance over a wide temperature range at a lower cost than fabric-reinforced Buna-N.

Polytetrafluoroethylene (PTFE) Elastomers

- Because it is one of the most chemically inert compounds available, PTFE can be used with an extremely wide range of fluids. PTFE is excellent for highly aggressive fluids such as aromatic or chlorinated hydrocarbons, acids, caustics, ketones and acetates. Its properties provide excellent flex life and moderate abrasion resistance. In addition, PTFE complies with FDA 21 CFR 177 and USP Class VI standards for food, beverage and pharmaceutical applications. Because PTFE is non-elastic, a backup diaphragm of a different material must be used to provide flexibility and memory. Material options for backup diaphragms are Neoprene, Saniflex, EPDM and high temperature Buna-N.

Elastomer Temperature Limits:

Rubber	Neoprene	-18° to 93°C [0° to 200°F]
	Buna-N	-12° to 82°C [10° to 180°F]
	EPDM	-51° to 138°C [-60° to 280°F]
	Viton®	-40 to 177°C [-40 to 350°F]
Thermoplastic (TPE)	Polyurethane	-12° to 66°C [10° to 150°F]
	Wil-Flex	-40° to 107°C [-40° to 225°F]
	Saniflex	-29° to 104°C [-20° to 220°F]
	Geolast	-40° to 82°C [-40° to 180°F]
PTFE	PTFE	4° to 104°C [40° to 220°F]

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Geolast® and Santoprene™ are trademarks of ExxonMobil

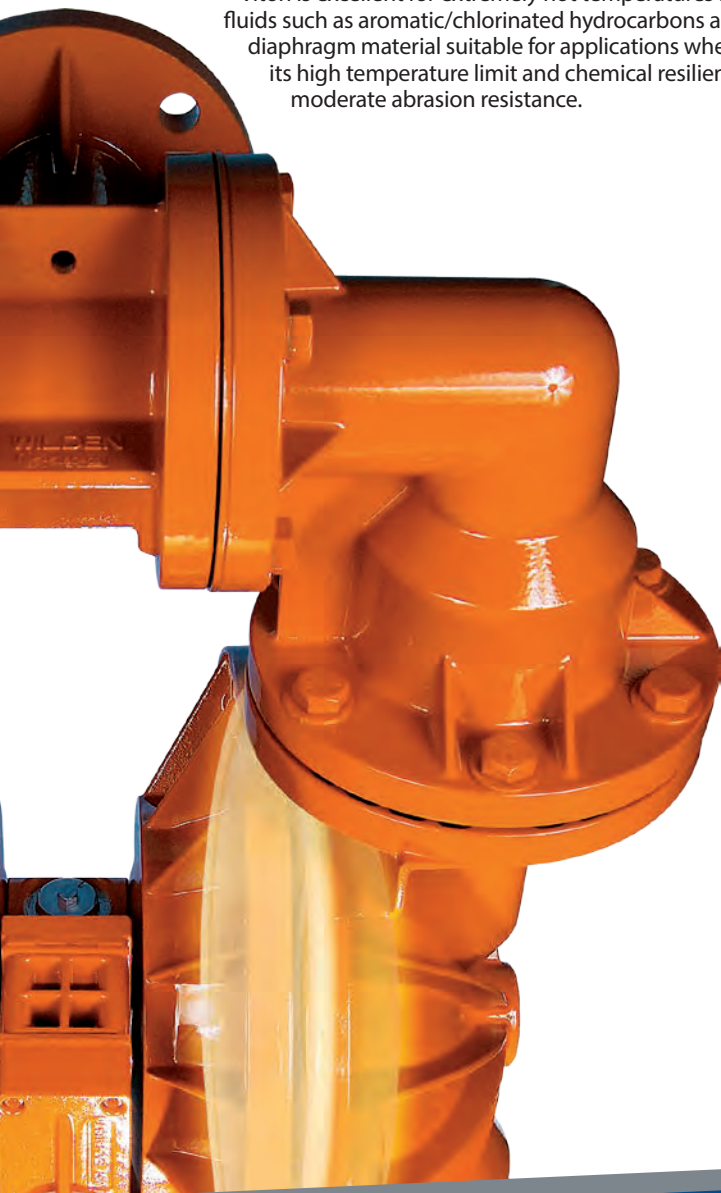
CAUTION: Maximum temperature limits are based upon mechanical stress only. Certain chemicals will significantly reduce maximum safe operating temperatures. Please verify the chemical resistance limitations of elastomers and all other pump components prior to pump installation. The Wilden online Chemical Guide and a Wilden distributor should be consulted for specifics in elastomer selection.

Go to wildenchemicalguide.com for your Wilden Chemical Compatibility Chart.



Rubber Elastomers

- Neoprene is an exceptional general-purpose, low-cost diaphragm. Perfect for nonaggressive chemical applications such as water-based slurries, well water or seawater, it provides good flex life and abrasion resistance.
- Buna-N provides excellent performance in applications involving petroleum/oil-based fluids such as leaded gasoline, fuel oils, kerosene, turpentine and motor oils. In wide use throughout the fuel processing industry, Buna-N is also referred to as nitrile and provides moderate flex life and moderate abrasion resistance. For food and beverage applications, versions are available that comply with FDA 21 CFR 177 standards.
- EPDM is an excellent material for extremely cold temperatures and is an economical alternative when pumping dilute acids or caustics. EPDM diaphragms are in use in the manufacturing, food, pharmaceutical and paint/coating industries. The material exhibits good flex life and moderate abrasion resistance, and it is available in versions that comply with FDA 21 CFR 177 standards. EPDM is also a good choice where statically dissipative materials are required.
- Viton is excellent for extremely hot temperatures and provides exceptional performance with aggressive fluids such as aromatic/chlorinated hydrocarbons and strong, aggressive acids. Viton is often the only diaphragm material suitable for applications where harsh chemicals are used because of its high temperature limit and chemical resiliency. It provides moderate flex life and moderate abrasion resistance.



Ultra -Flex™ Diaphragm Technology

- Guaranteed longer life – If longer life is not experienced, Wilden will send you a new set of Ultra-Flex™ diaphragms free of charge.
- Convolute shape, altered fabric placement and unique hardware work together to decrease the unit loading on the diaphragm and distribute stress.
- MATERIAL OPTIONS: Neoprene, Buna-N, EPDM, Viton

Visit WildenDiaphragms.com for more information on Genuine Wilden Diaphragms and to download the Wilden Chemical Compatibility Guide.

Genuine **WILDEN**
Accept Nothing Less



Advanced Bolted Pumps

As the global leader in AODD bolted pumps, Wilden has the largest material offering in the industry. The Advanced™ metal and plastic bolted pumps offered by Wilden are specifically designed for maximum performance, efficiency and containment. The bolted configuration ensures total product containment while the liquid path reduces internal friction to maximize output and efficiency. Multiple elastomer options are available to meet and exceed your abrasion, temperature and chemical compatibility challenges.

Advanced pumps are offered in aluminum, stainless steel, alloy C, ductile iron, polypropylene, PVDF and PFA. A variety of connection options and specialized air distribution systems are also available for your specific application needs.



Your Needs



Our Solutions

Advanced Pumps

- Higher flow rates
- Variable flow and pressure
- Shear sensitive
- Inherently safe
- Dry-run capable
- Portable and submersible
- Large solids passage
- High suction lift

Superior Containment

- Leak-free operation
- Superior torque retention
- Unique valve seat design
- Superior finish on sealing surfaces
- Multiple liquid connections available

Enhanced Efficiencies

- Pro-Flo SHIFT, Pro-Flo X™, Pro-Flo®, Accu-Flo™
- Anti-freezing ADS
- Greater flow per SCFM input
- Low cost of ownership
- Ease of operation and maintenance

The Results

Success

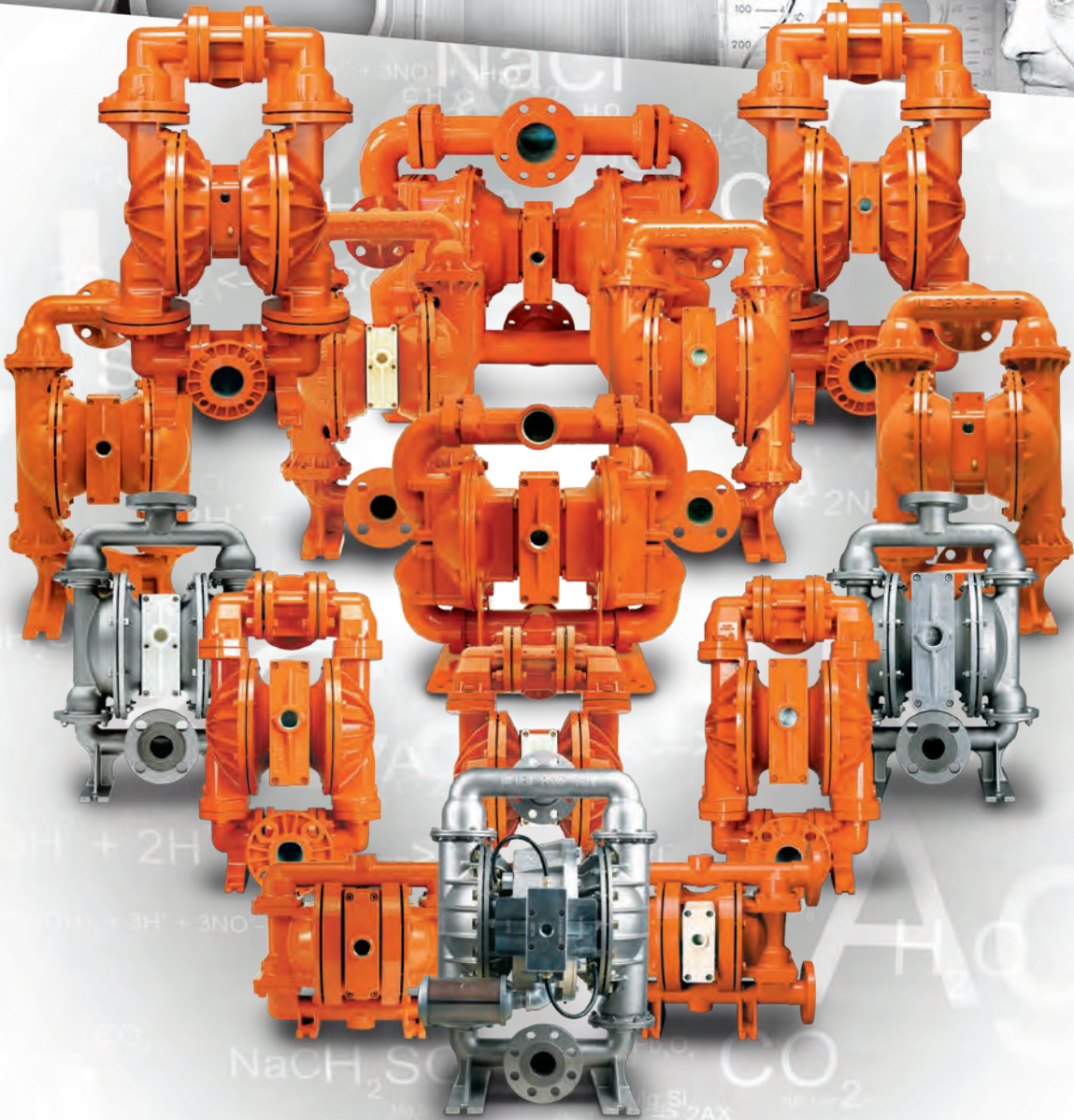
- Higher yields
- Increased pump output
- Increased On/Off reliability
- Reduced turbulence
- Reduced internal friction

Containment Ensured

- Leak-free pump operation
- Viscous and non-viscous product transfer
- Largest chemical compatibilities
- Transfer with confidence

Cost Efficient

- Optimized applications
- Reduced air consumption
- Reduced kilowatt usage
- Longest Mean Time Between Repair (MTBR)
- Lower operational costs and downtime
- Saves you money



ADVANCED Metal Bolted Pumps

Features

- ADS: Pro-Flo SHIFT, Pro-Flo, Pro-Flo X, Accu-Flo
- All-metal bolted construction
- Higher flow rates
- Superior containment
- Anti-freezing technology
- Portable and submersible
- BSPT (NPT) or DIN (ANSI) liquid connections available
- Lube-free operation

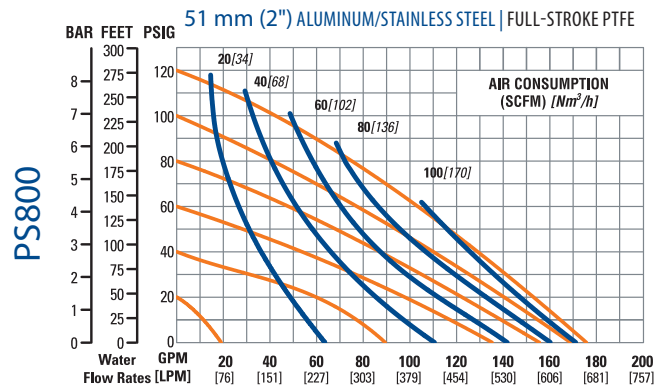
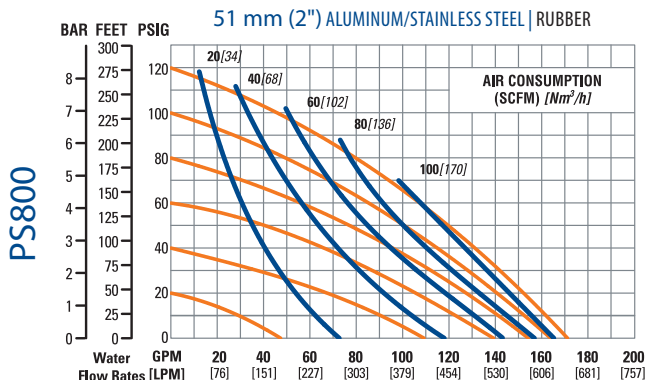
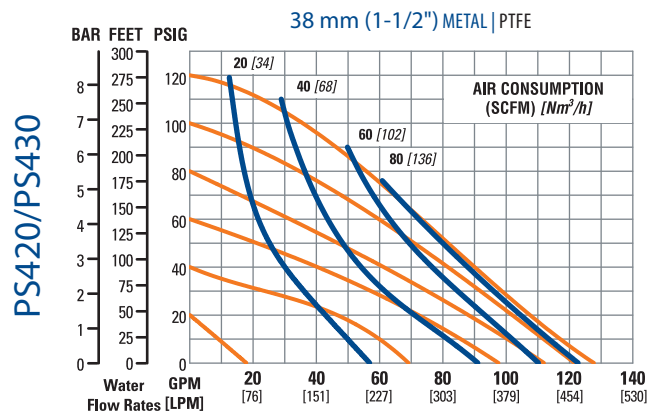
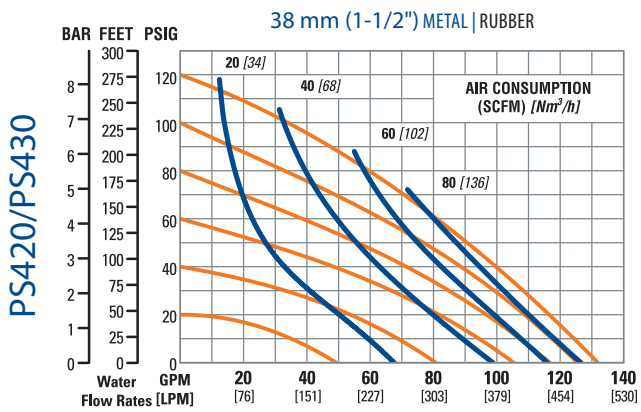
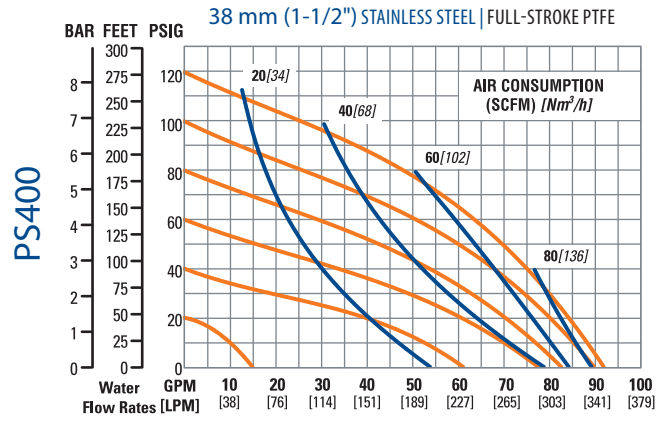
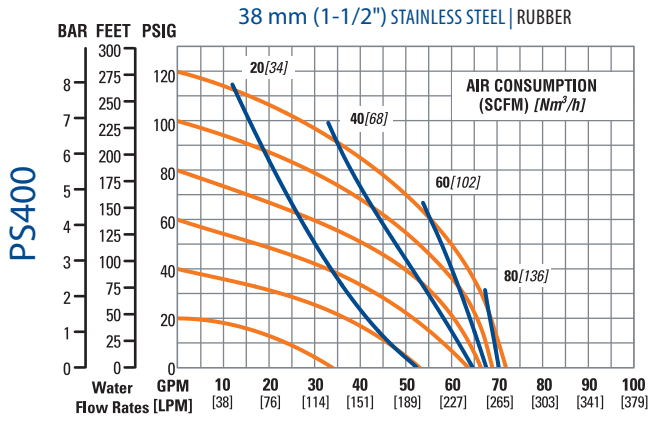
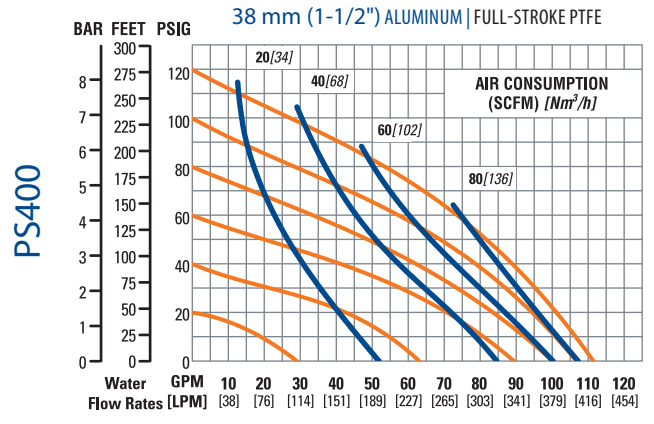
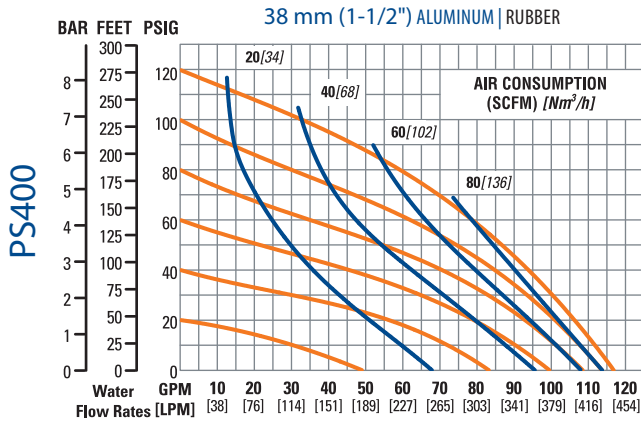
Tech Data

- Sizes: 25 mm (1") through 76 mm (3")
- Materials: Aluminum, Ductile Iron, Stainless Steel, Alloy C
- Elastomer Temperatures: Up to 177°C (350°F)
- Elastomers: Buna-N, Neoprene, EPDM, Viton, Wil-Flex, Saniflex, Polyurethane, PTFE, Geolast

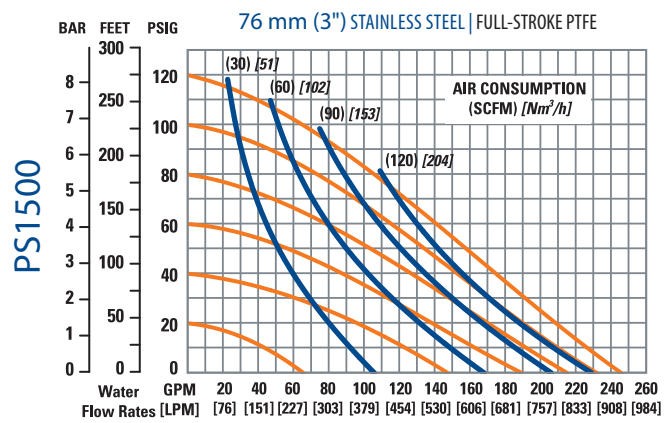
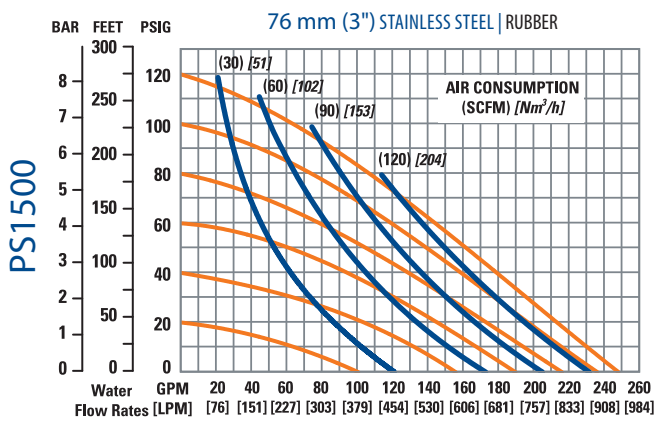
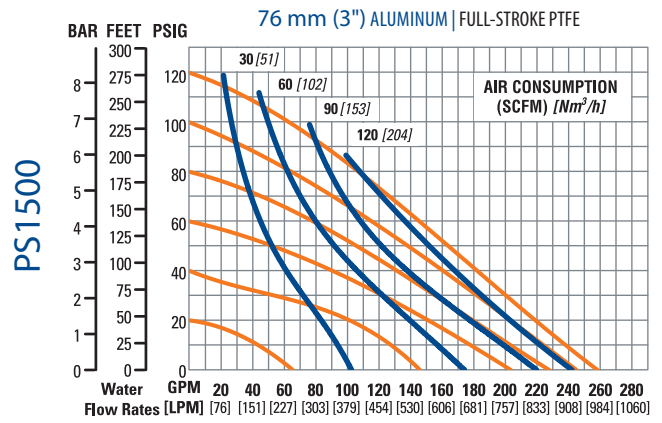
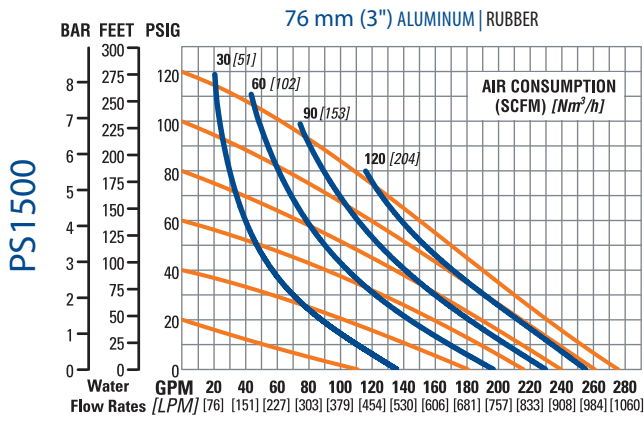
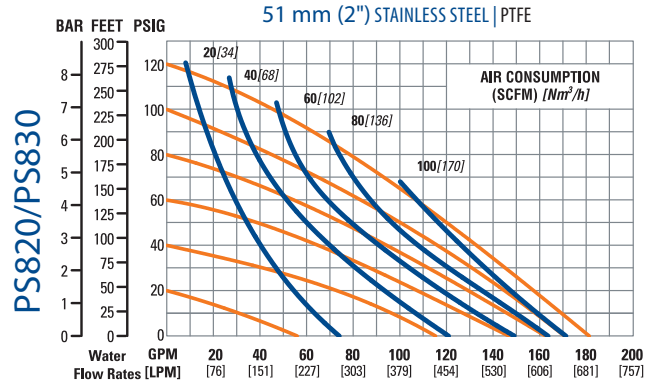
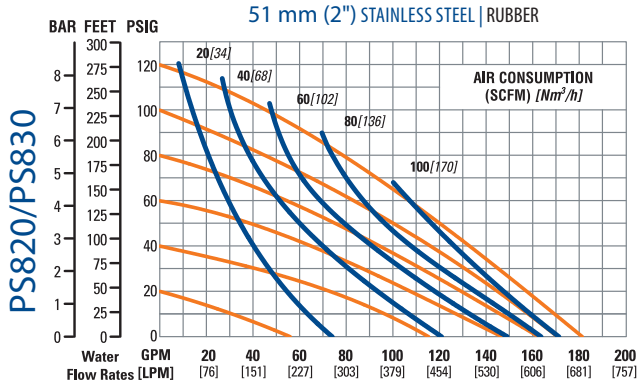
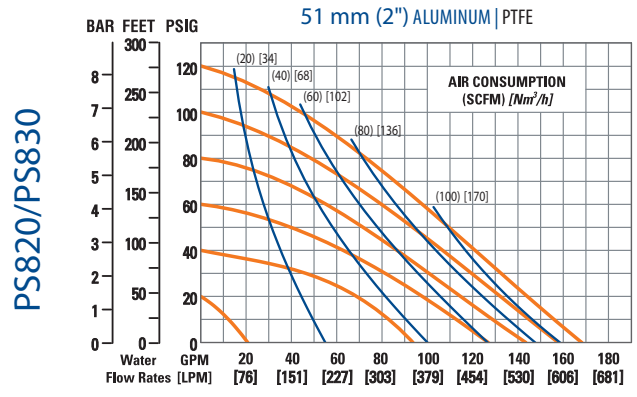
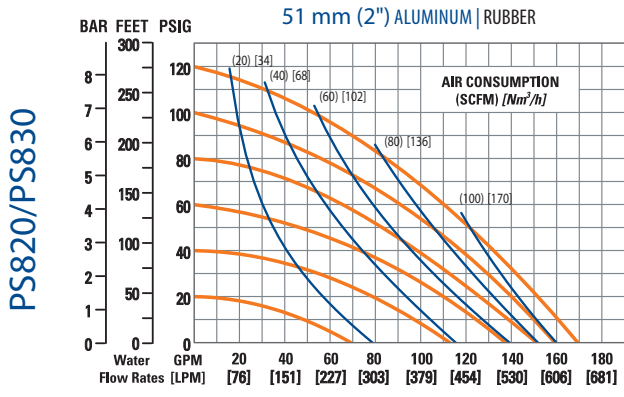
Performance Data

- Max flow rates: 1056 lpm (279 gpm)
- Max suction lift: 9.6 m (30.6') Wet, 8.0 m (26.1') Dry
- Max disp. per stroke: 6.09 L (1.61 gal)
- Max discharge pressure: 20.7 bar (300 psig)
- Max size solids: 76 mm (3")

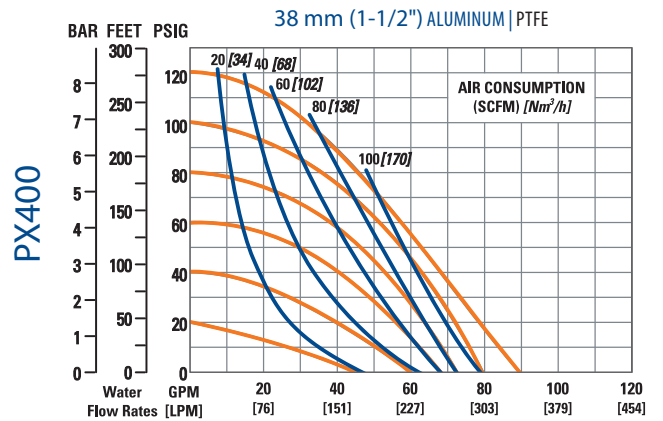
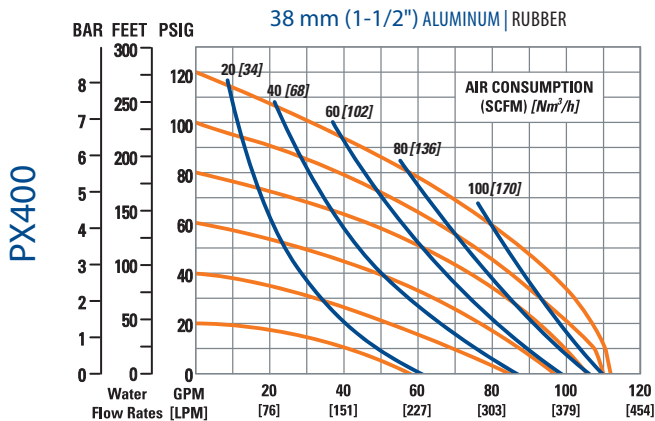
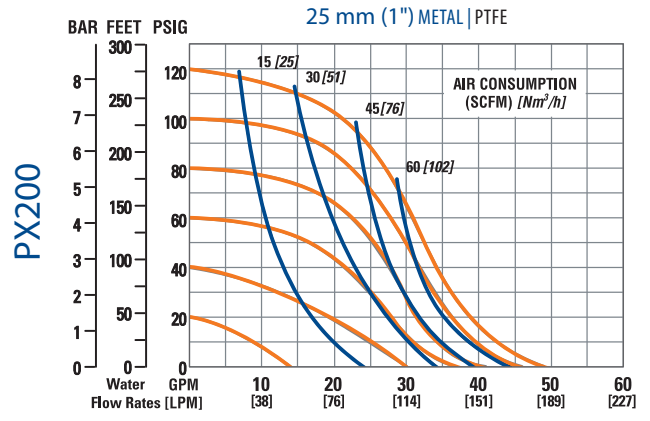
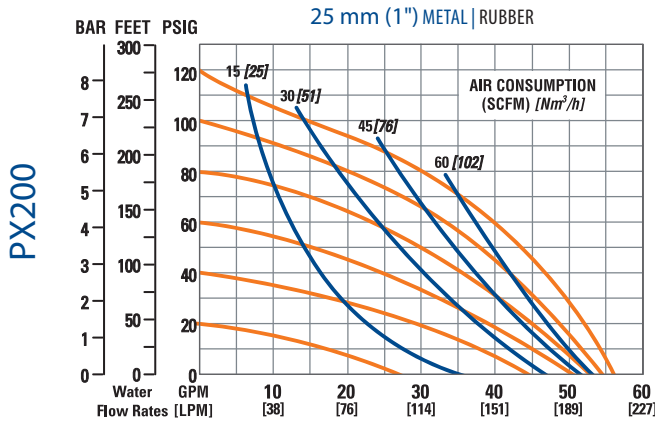
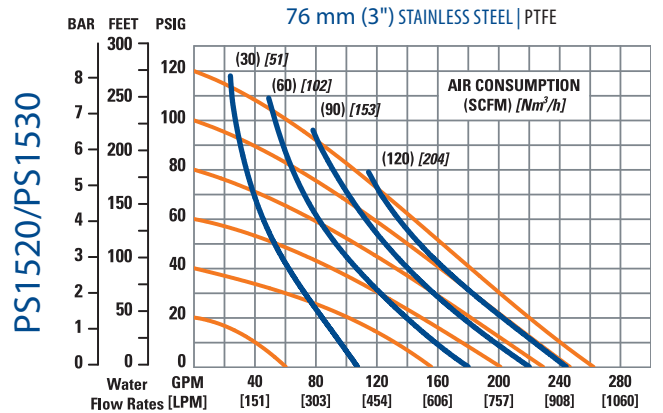
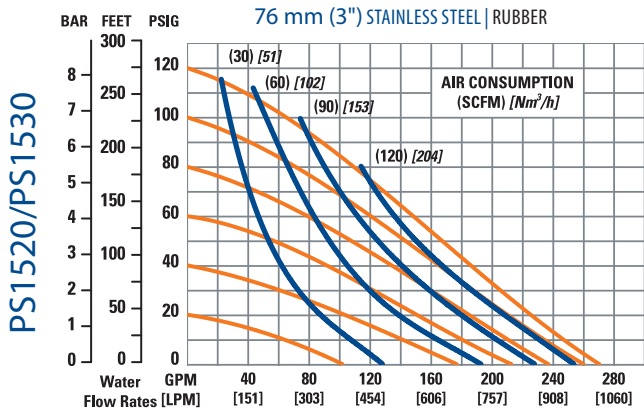
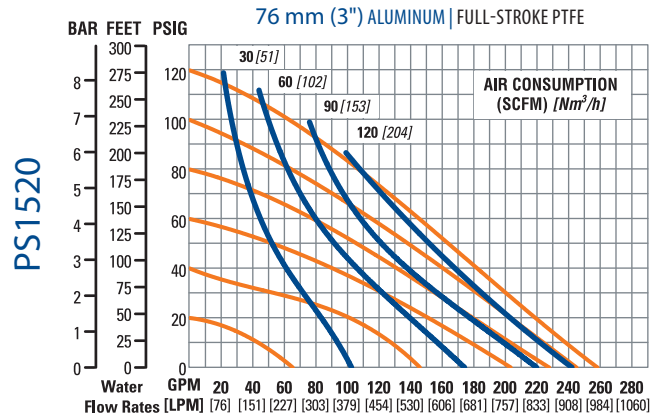
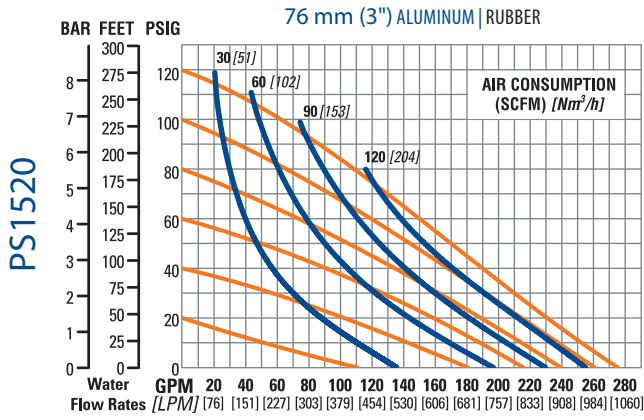
METAL CURVES



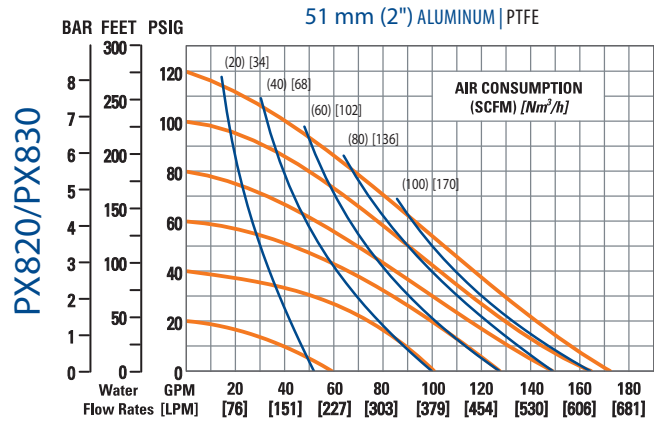
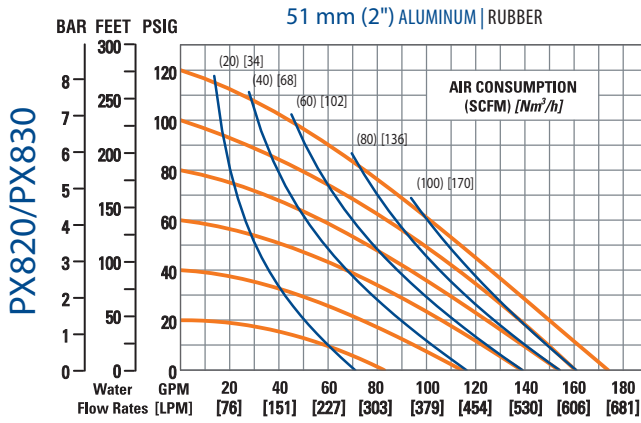
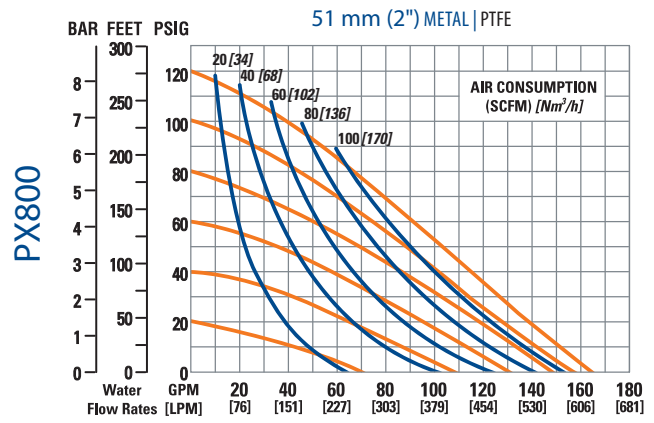
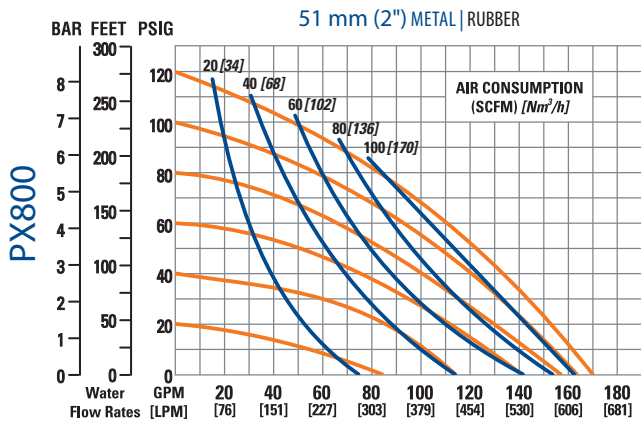
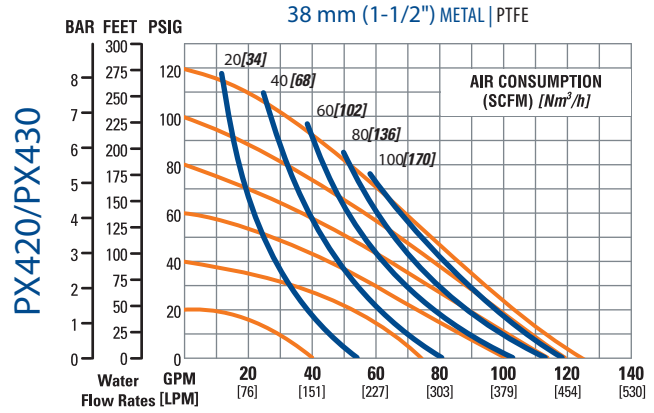
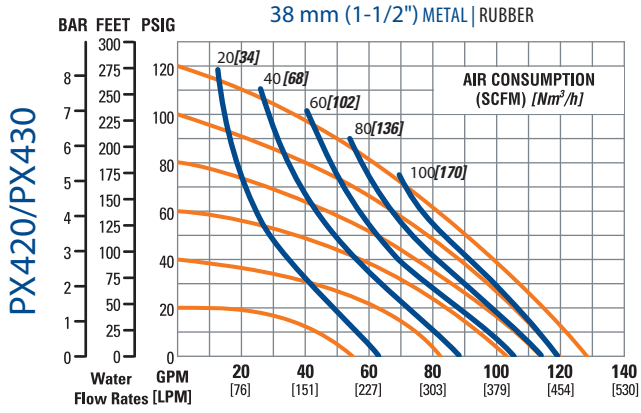
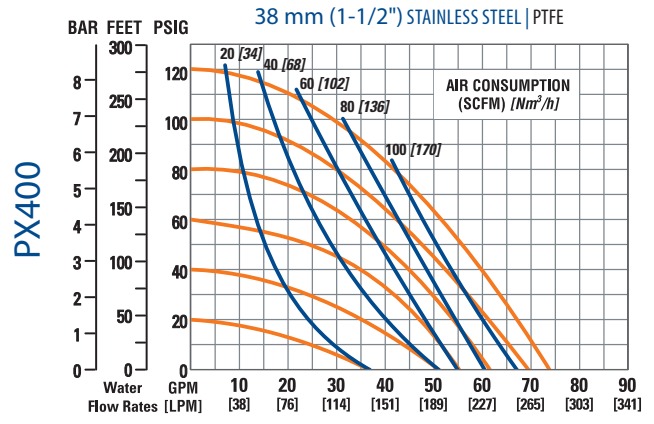
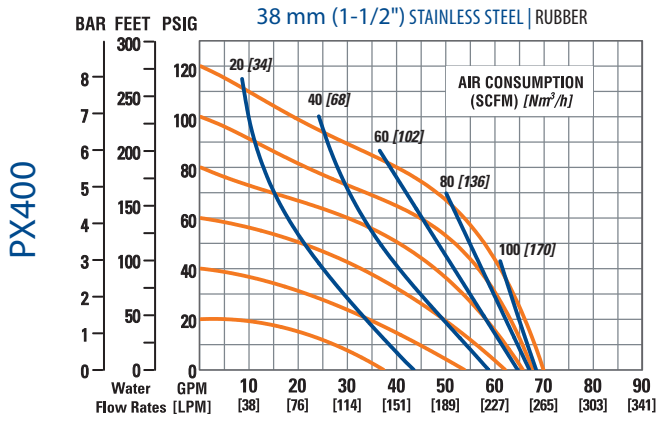
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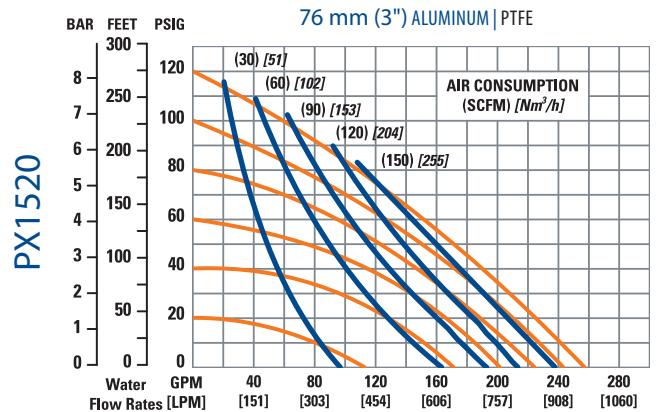
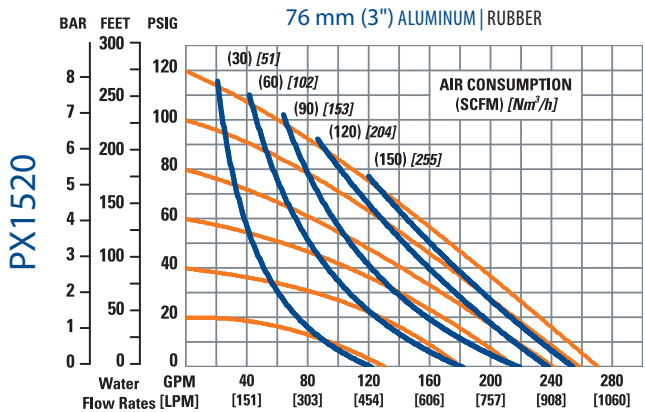
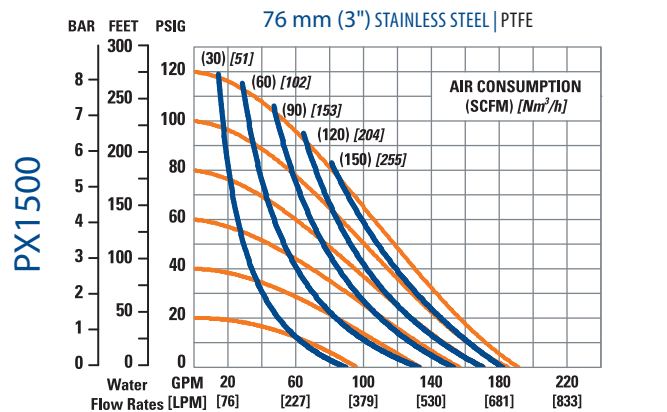
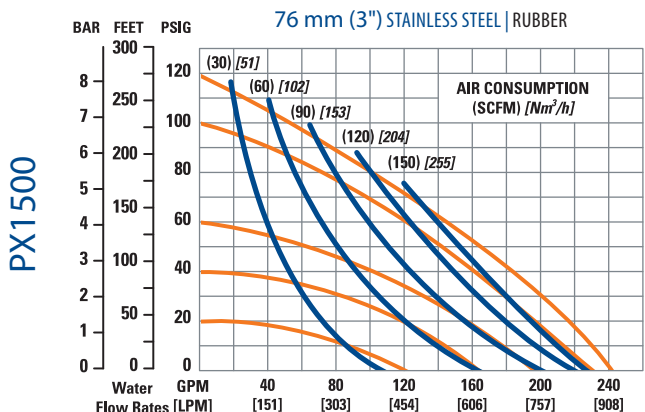
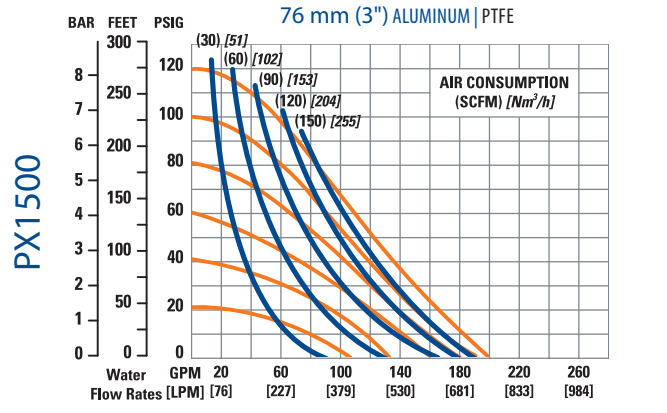
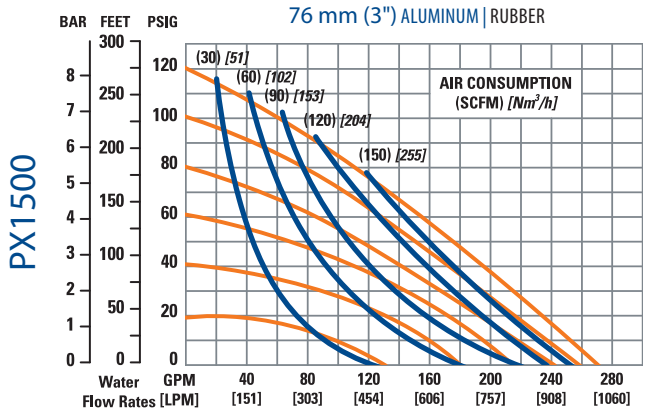
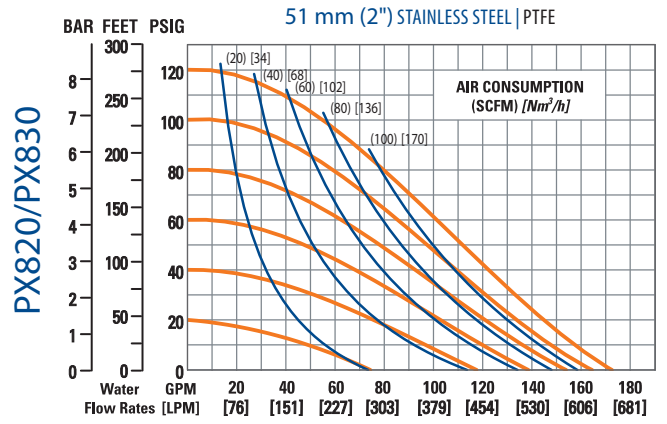
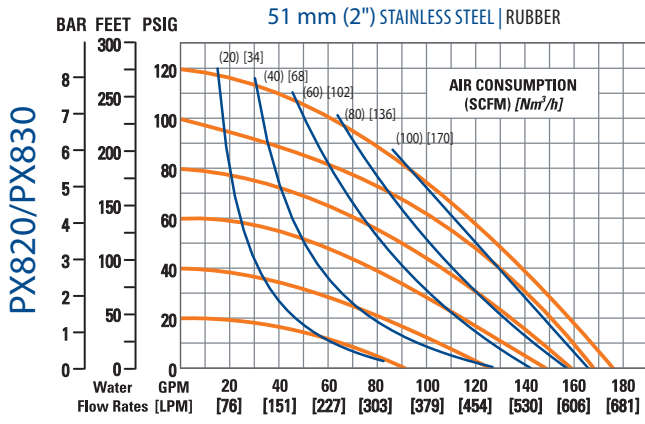
METAL CURVES



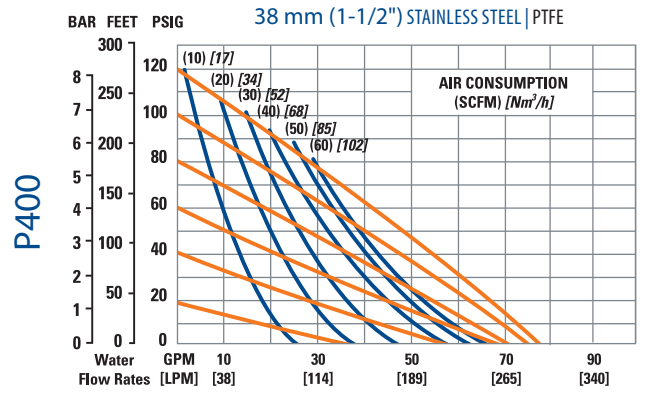
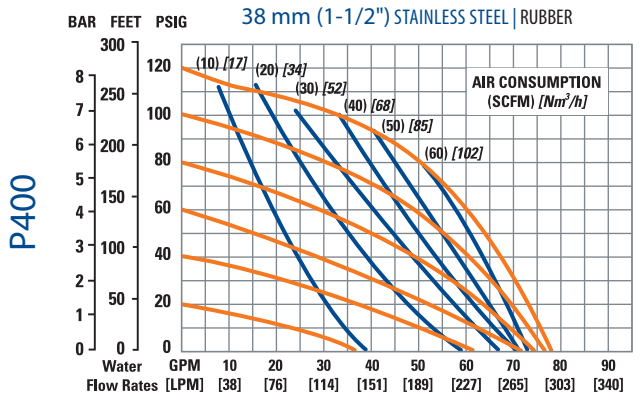
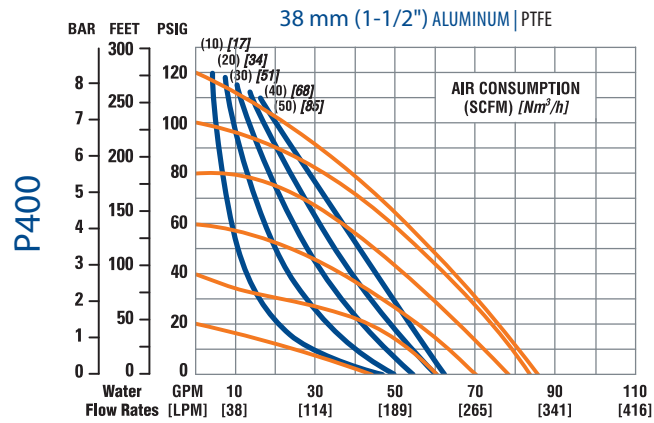
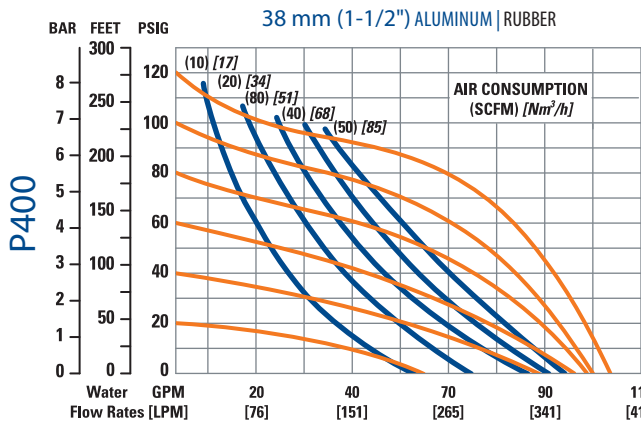
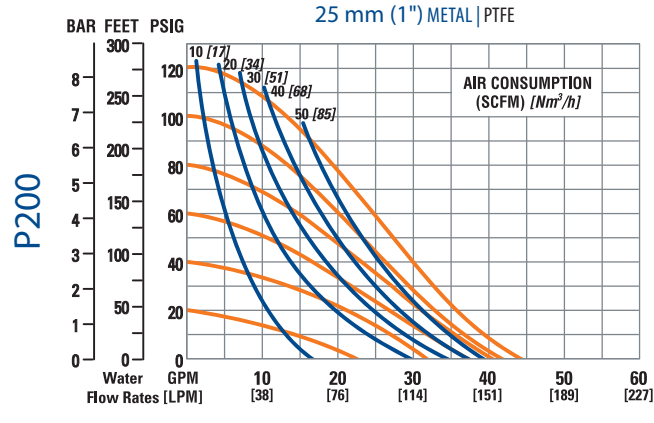
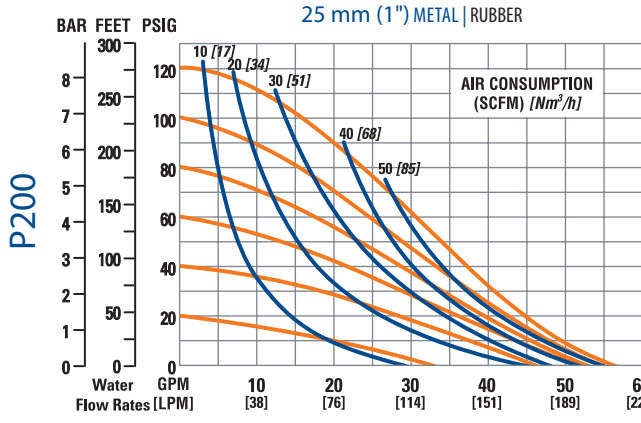
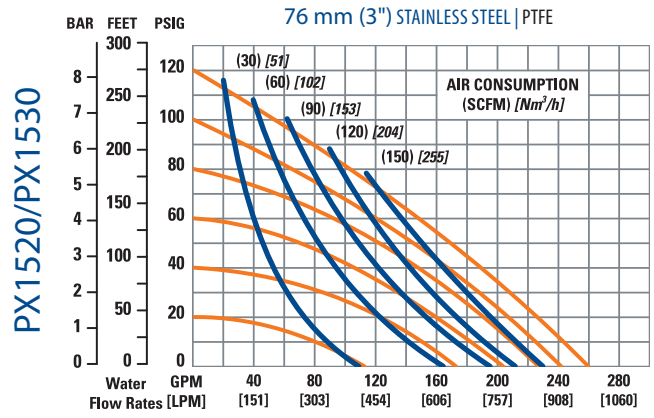
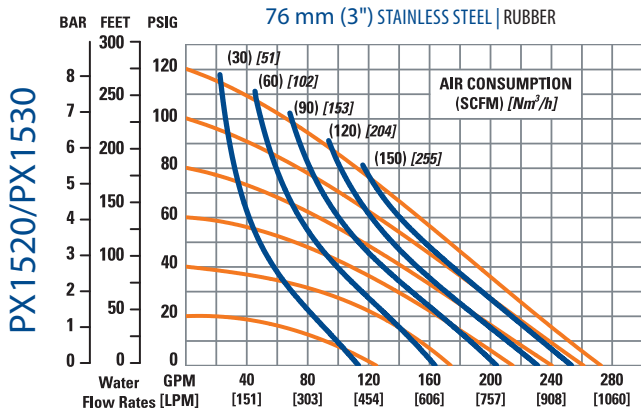
METAL CURVES



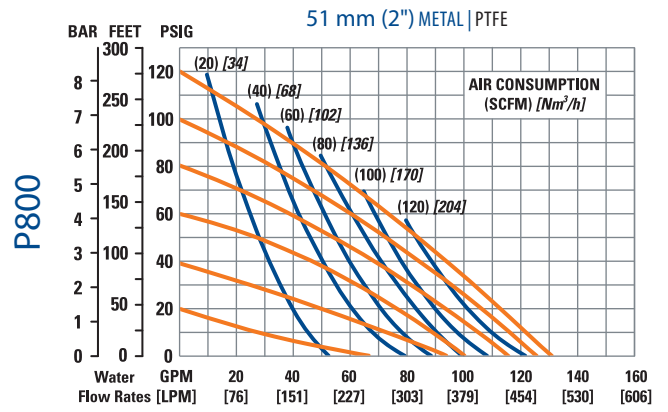
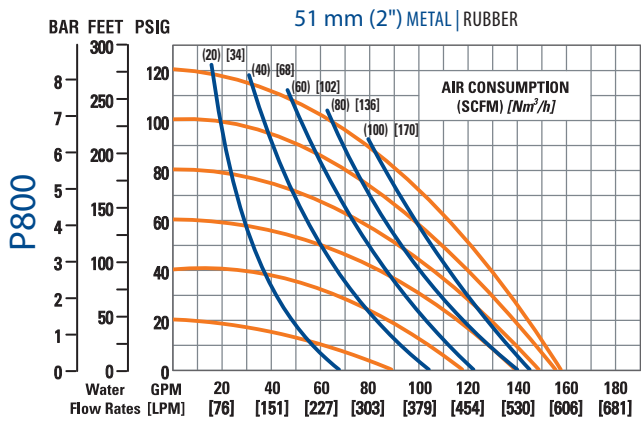
METAL CURVES



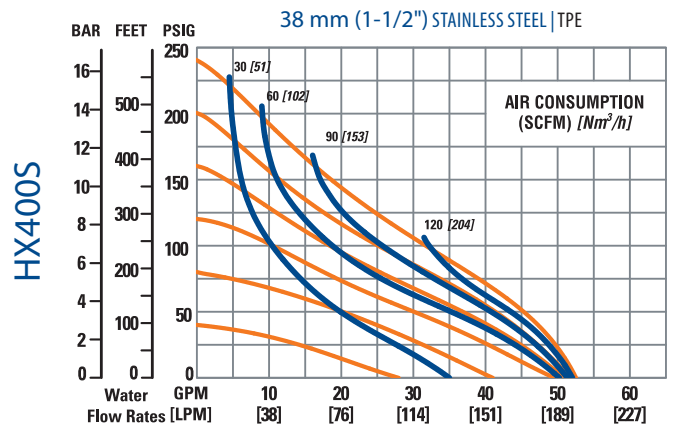
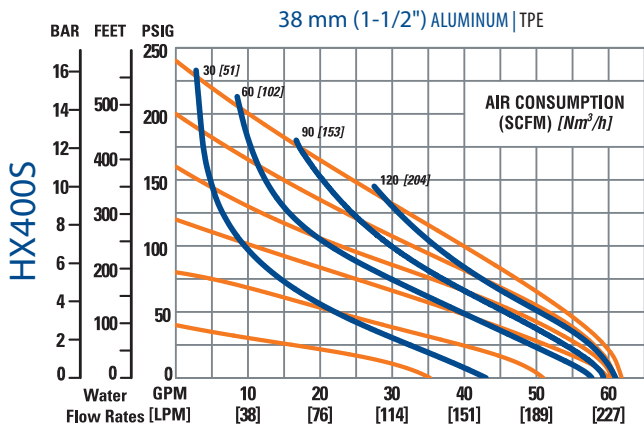
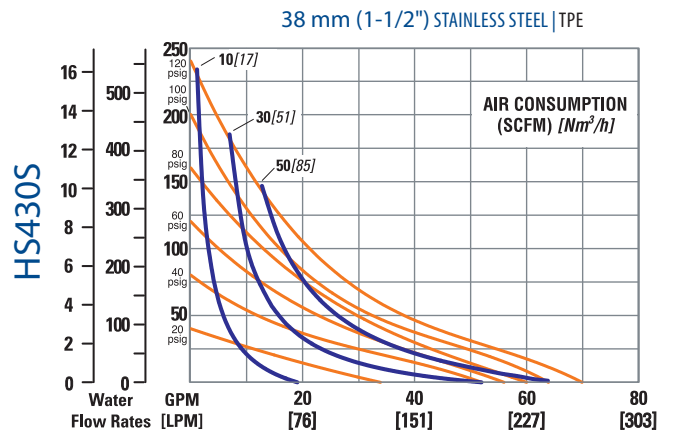
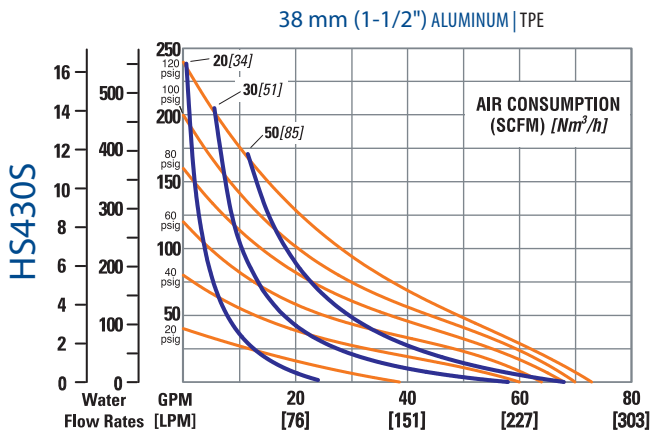
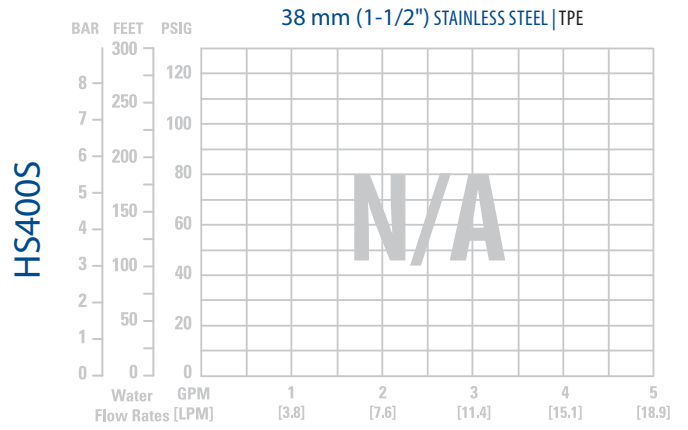
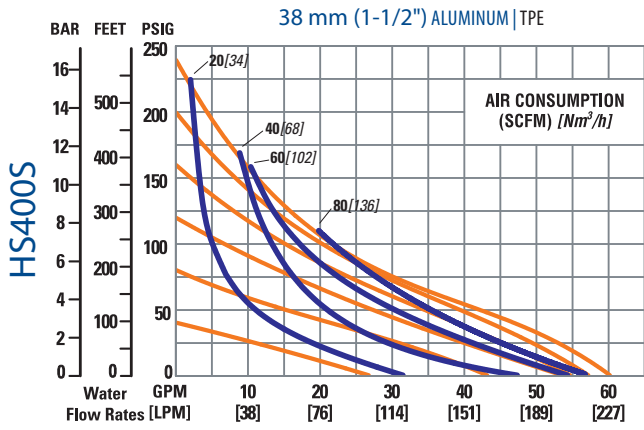
METAL CURVES

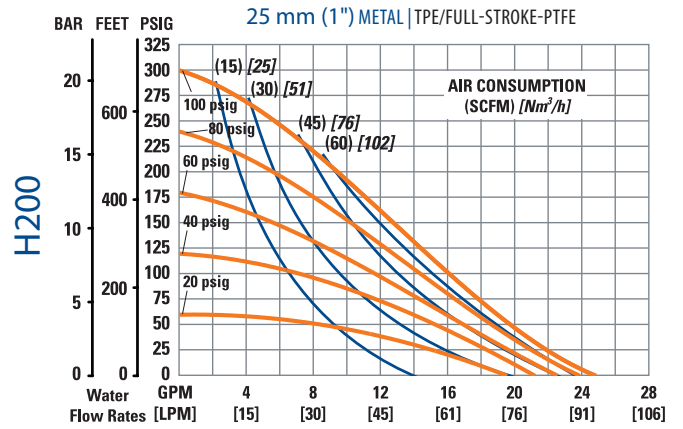
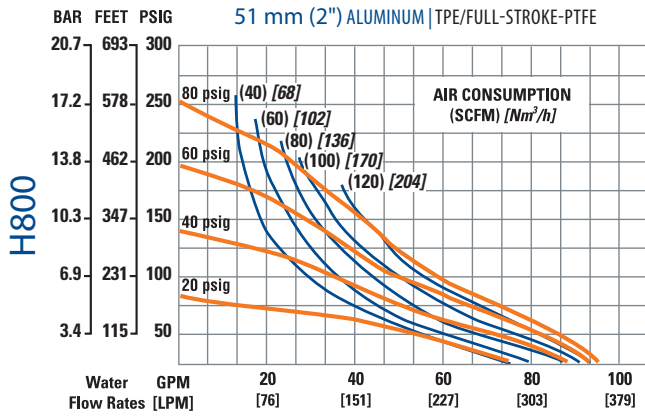


METAL CURVES (CONTINUED)

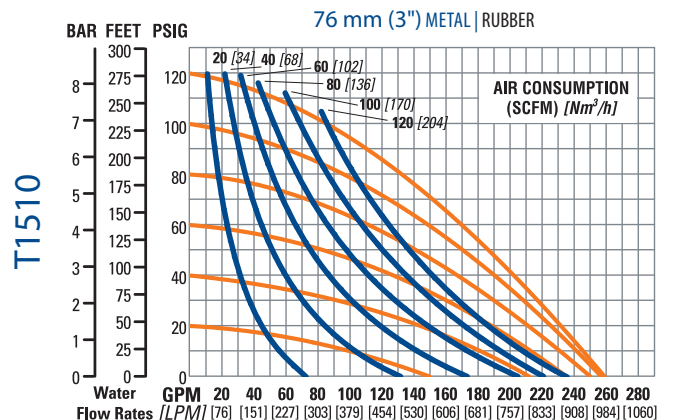
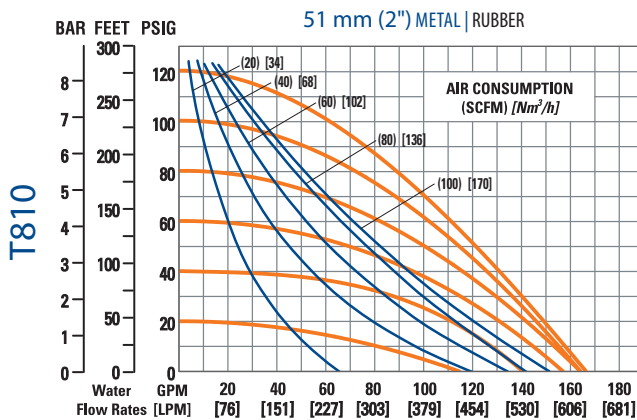
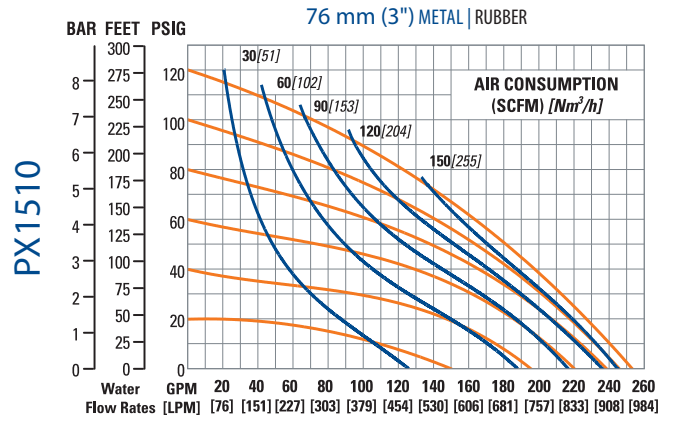
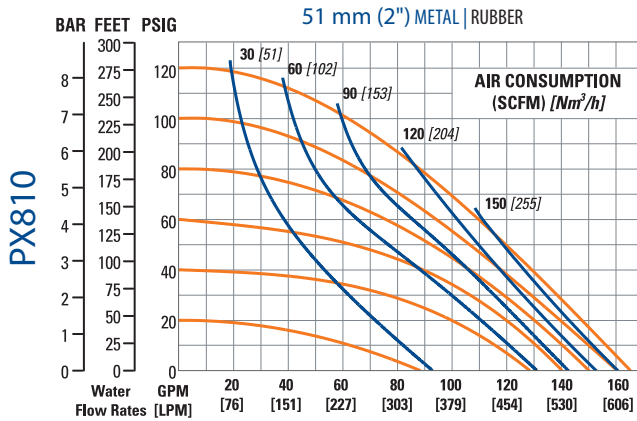
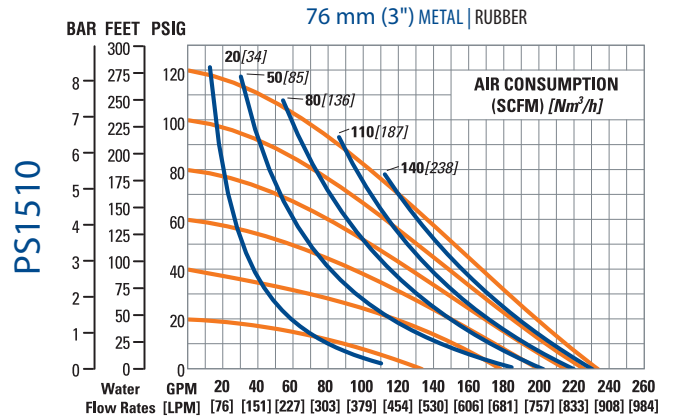
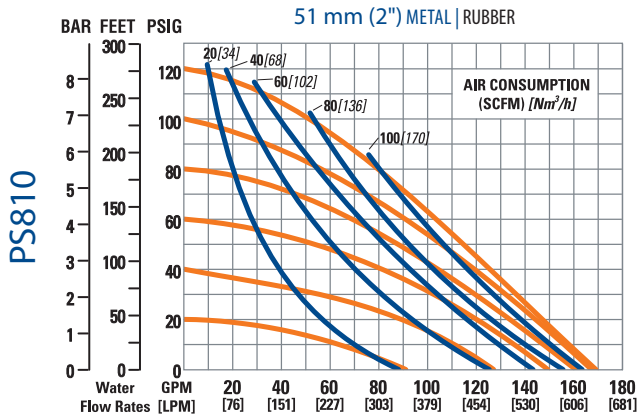


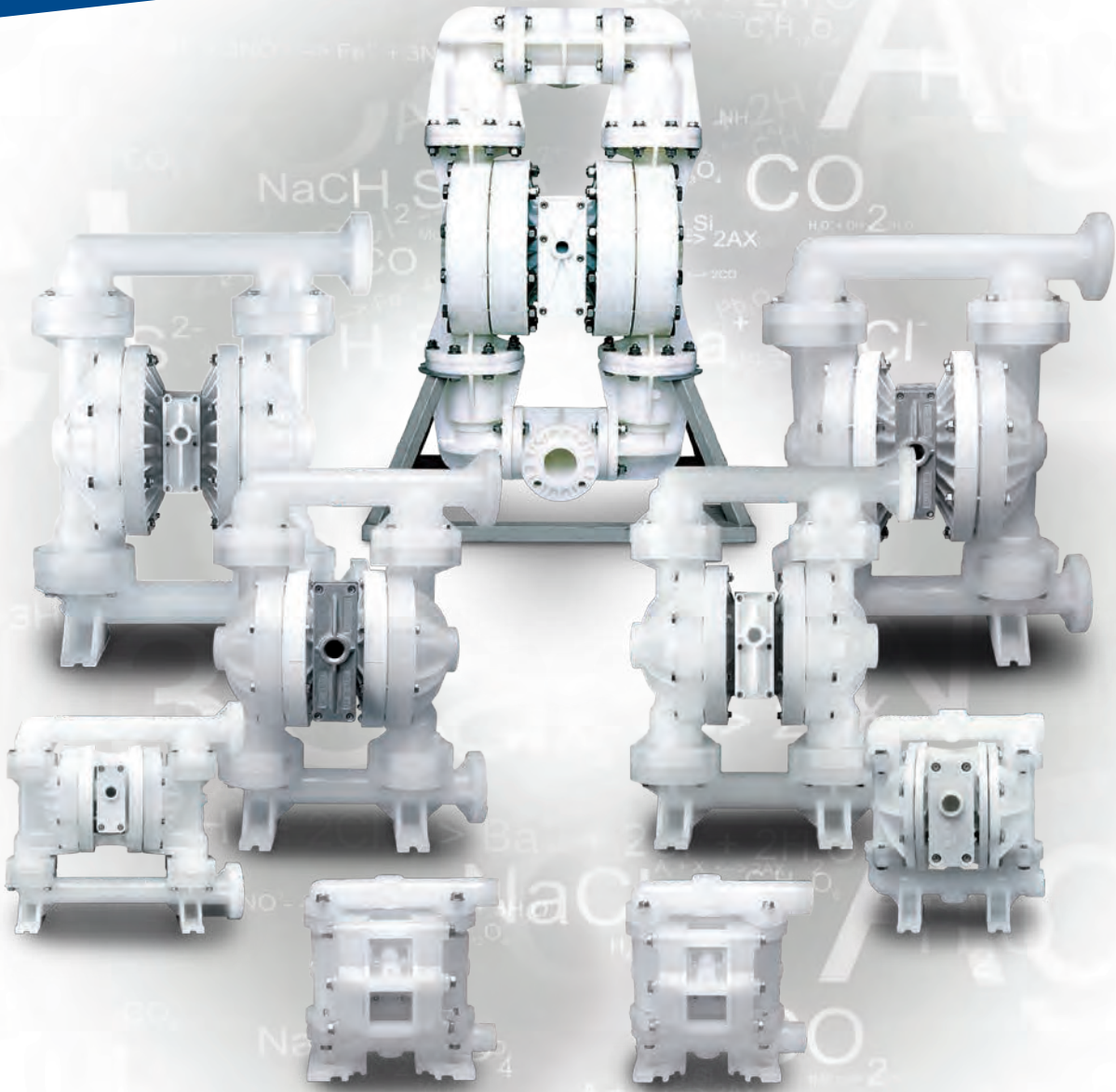
HIGH PRESSURE METAL CURVES





BRAHMA METAL CURVES





ADVANCED Plastic Bolted Pumps

Features

- ADS: Pro-Flo SHIFT, Pro-Flo X, Pro-Flo, Accu-Flo
- Superior flow rates
- Superior containment
- Anti-freezing technology
- Portable and submersible
- DIN (ANSI) liquid connections available
- Lube-free operation

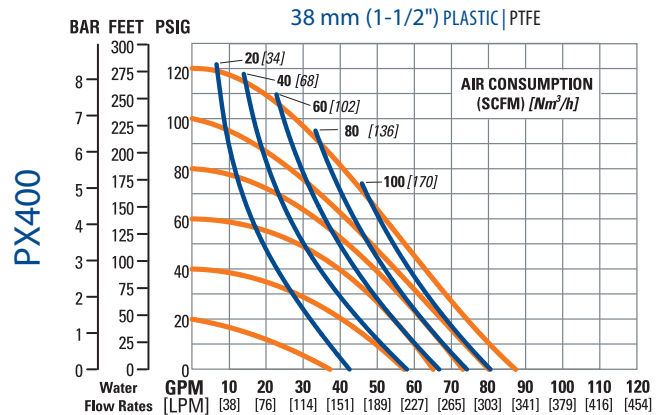
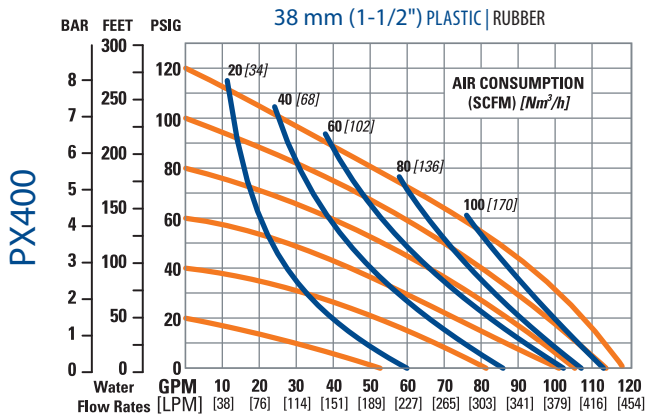
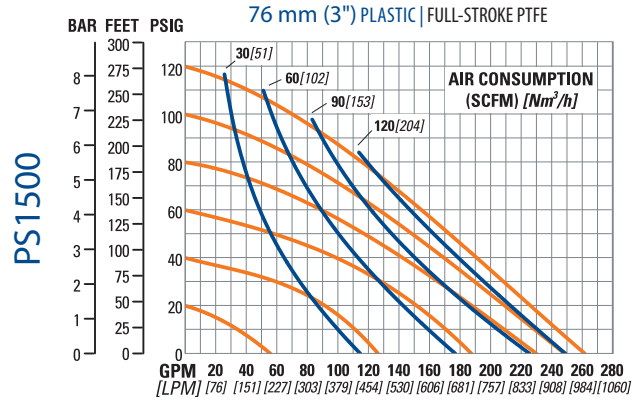
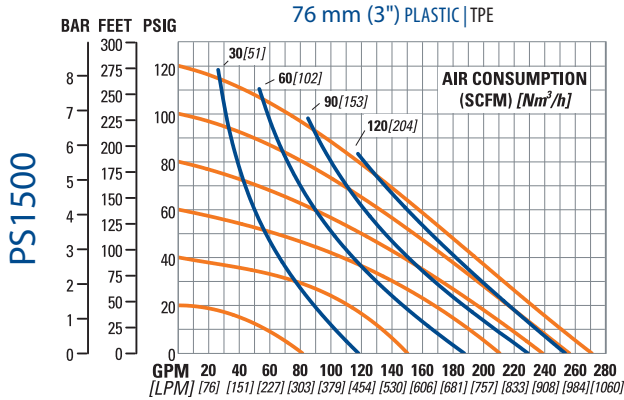
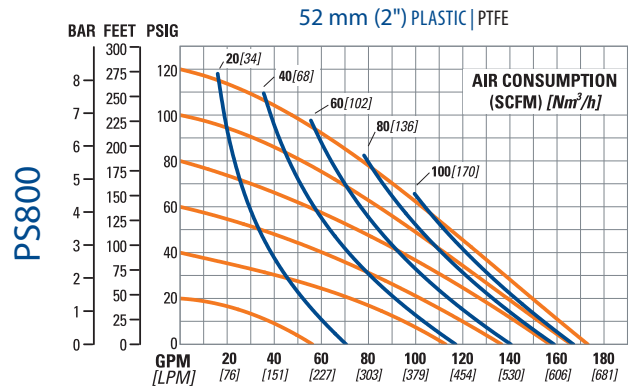
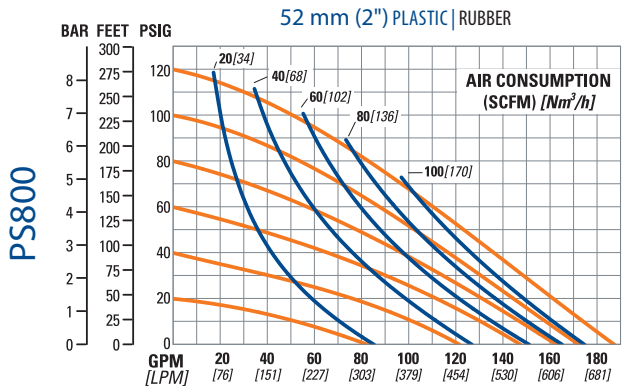
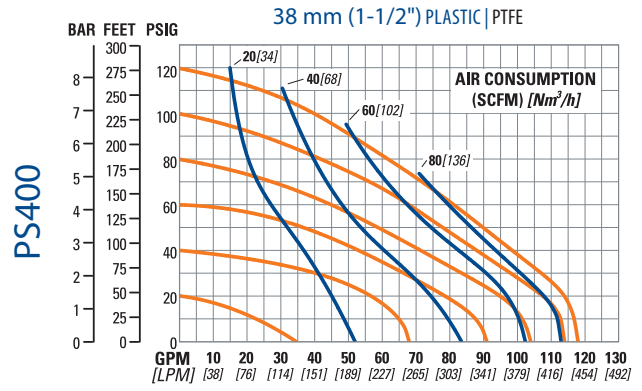
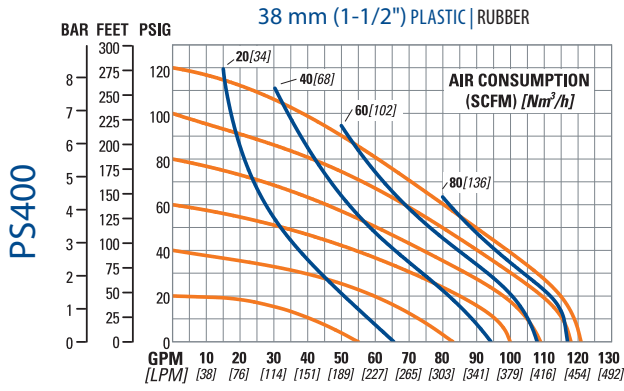
Tech Data

- Sizes: 6 mm (1/4") through 76 mm (3")
- Materials: Polypropylene and PVDF
- Material Temperatures: Up to 107°C (225°F)
- Elastomers: Buna-N, Neoprene, EPDM, Viton, Wil-Flex, Saniflex, Polyurethane, PTFE, Geolast

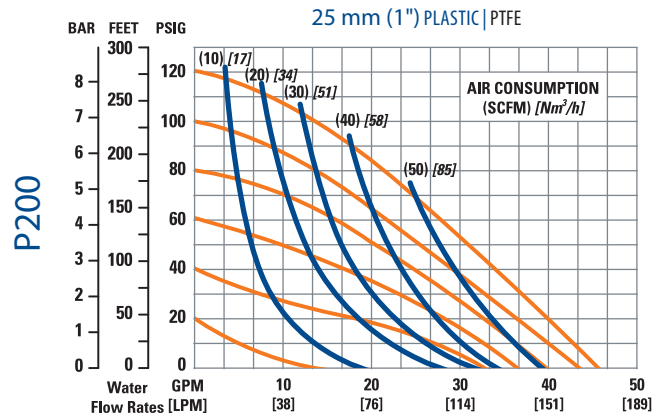
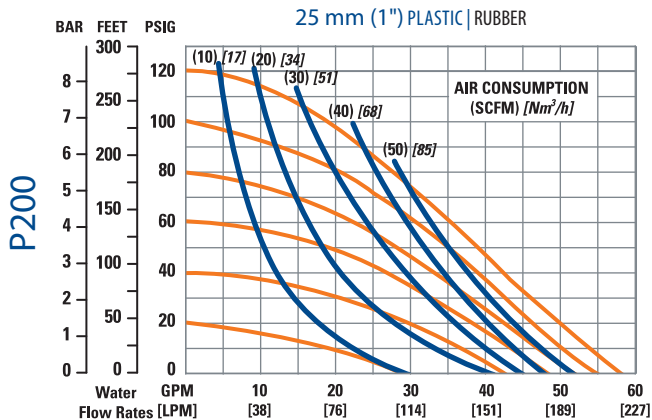
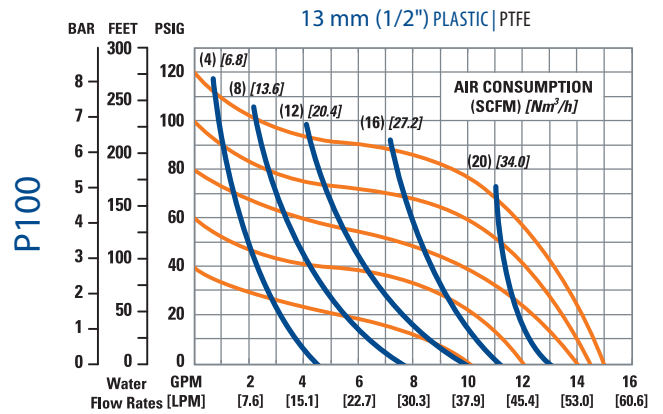
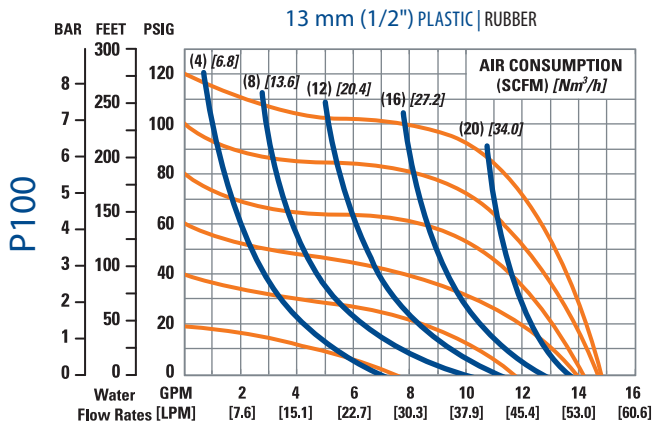
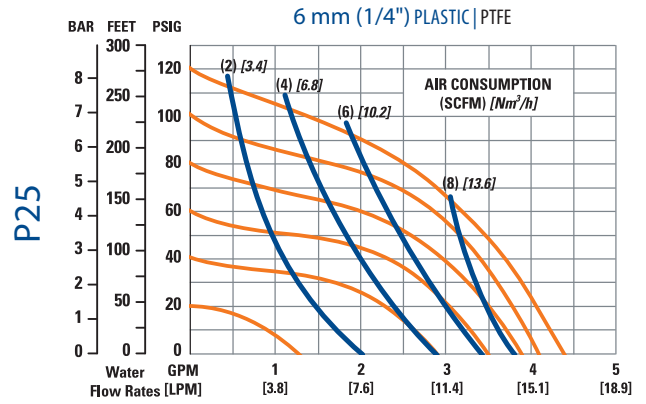
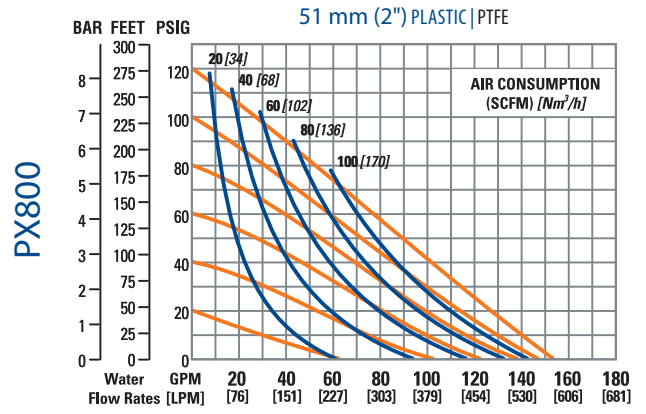
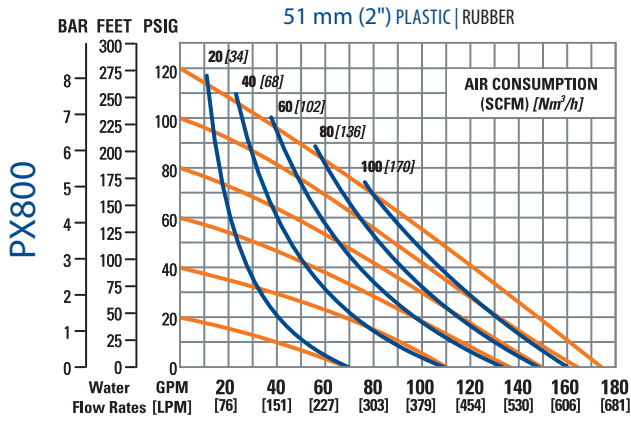
Performance Data

- Max flow rates: 784 lpm (207 gpm)
- Max suction lift: 9.8 m (32.0') Wet, 6.6 m (21.6') Dry
- Max disp. Per Stroke: 3.75 L (0.99 gal)
- Max discharge pressure: 8.6 bar (125 psig)
- Max size solids: 12.7 mm (1/2")

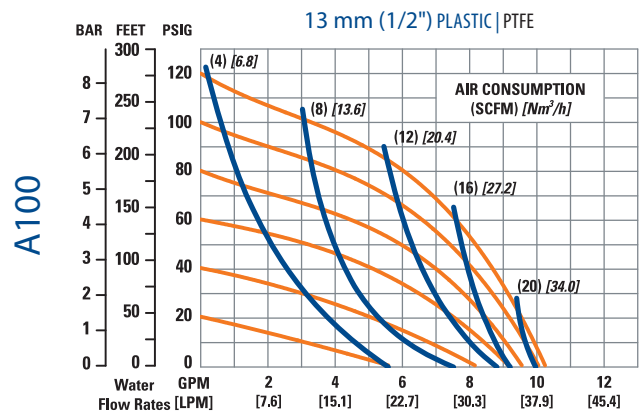
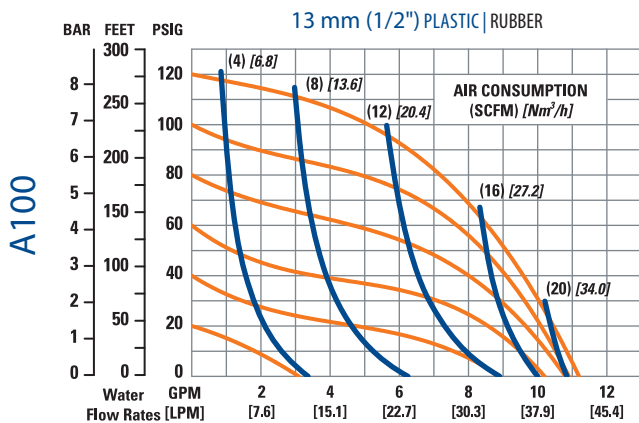
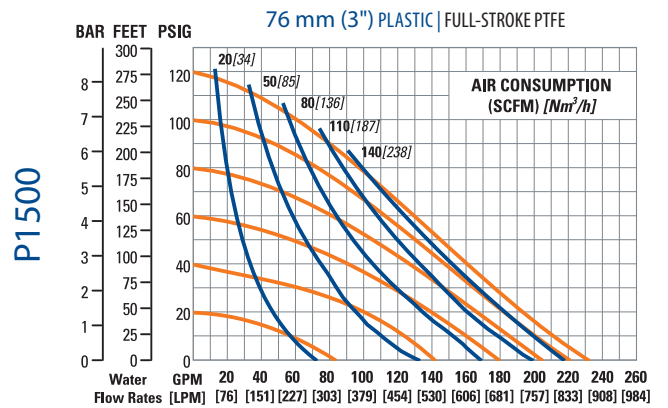
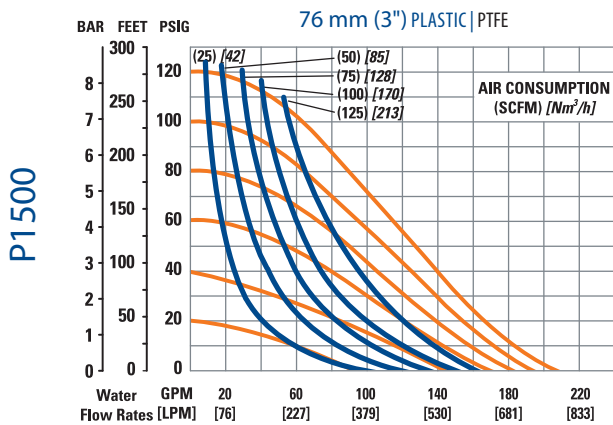
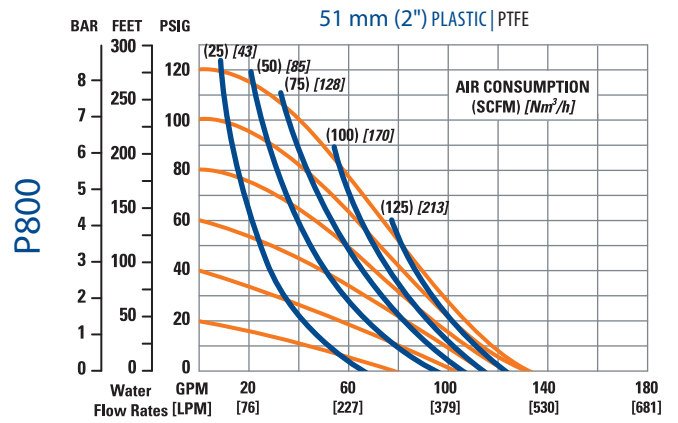
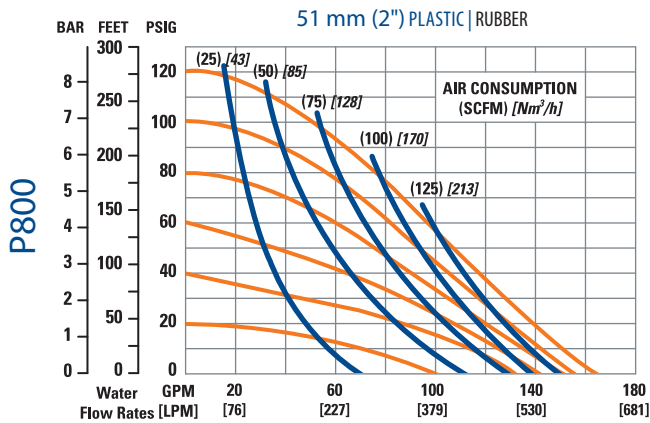
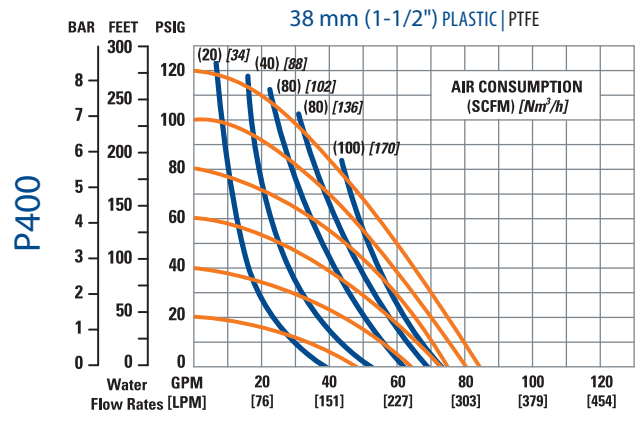
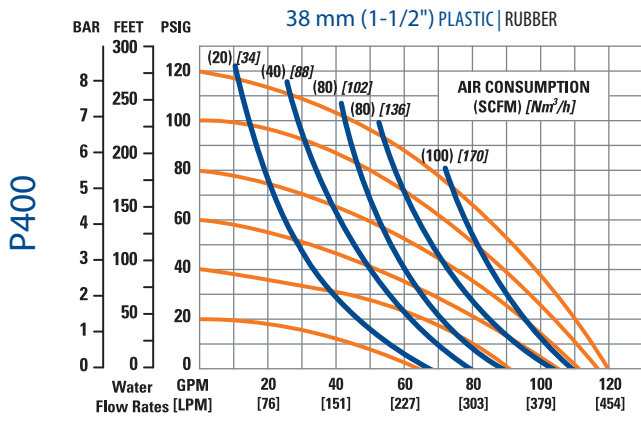
PLASTIC CURVES



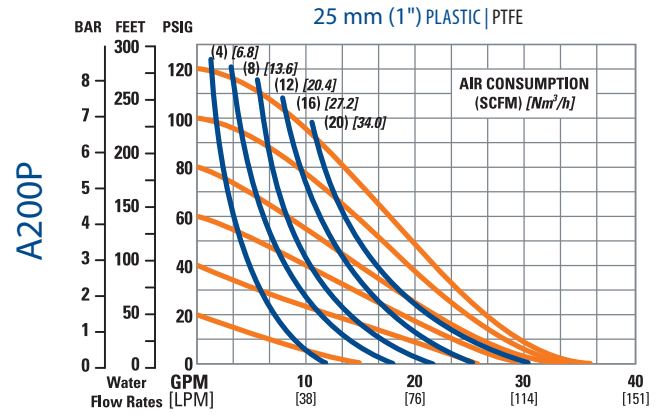
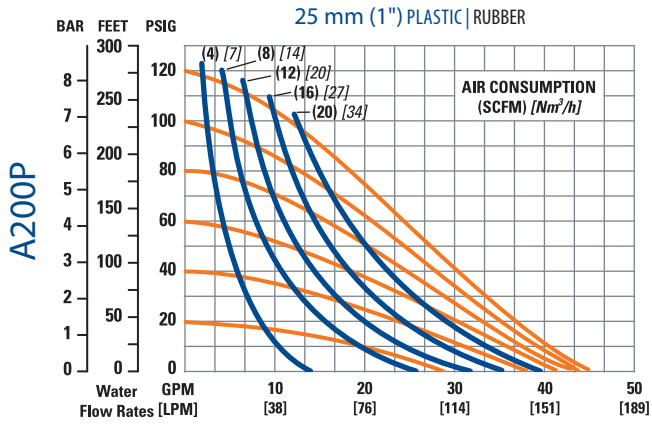
PLASTIC CURVES



PLASTIC CURVES



PLASTIC CURVES





WILDEN SD Equalizer®

The SD Equalizer® was designed to remove pressure variation on the discharge end of the pump. It has a flow-through design manufactured with existing Wilden pump parts. The SD series automatically sets and maintains the correct air pressure required, optimizing its effectiveness.

Features and Benefits:

- Reduces pipe vibration and shaking
- Protects in-line equipment
- Reduces water hammer
- Absorbs acceleration head
- Lowers system maintenance cost
- Suction stabilizer
- Helps prevent leaking at pipe fittings and joints
- Extends and improves pump performance
- Avoids damaging pressure surges
- Wide range of material and elastomer options
- Common parts with Wilden pumps
- Self adjusts to system pressure

Available Sizes:

- 13 mm (1/2")
- 25 mm (1")
- 38 mm (1-1/2")
- 51 mm (2")
- 76 mm (3")

Materials of Construction:

Wetted Housing

- Aluminum
- 316 and 316L Stainless Steel
- Ductile Iron
- Polypropylene
- PVDF

Air Distribution System

- Aluminum
- 316 Stainless Steel
- PTFE-Coated Ductile Iron
- Polypropylene
- Glass-filled Polypropylene
- Mild Steel PTFE-Coated

ATEX Models Available

CERTIFIED
HYGIENIC ENGINEERING & DESIGN GROUP EUROPEAN
EHEDG
TYPE EL
SEPTEMBER 2005





Accessories

Wilden accessory products add value to your liquid process and expand the application range of Wilden pumps by augmenting the performance and/or utility of the pump. Our electronic controllers automate your Wilden pump for batching and other electronically controlled dispensing applications. We can also create laminar process flow by eliminating pump pulsation or control the liquid level within a system of process.



WILDEN Wil-Gard™ III

The Wil-Gard™ detects diaphragm failure at the source: the primary diaphragm, not at the air chamber or the air exhaust as other systems do.

- Sensors are located between the primary and back-up (containment) diaphragms
- When the sensors detect a conductive liquid, an audible alarm, LED and an internal latching relay are activated
- Increase containment, reduce fugitive emissions and reduce downtime with 24-hour pump surveillance
- Power requirement: 110V AC or 220V AC

WILDEN Pump Cycle Monitor

The PCMI counts pump cycles by sensing the presence of the air valve piston (Turbo-Flo) or air valve spool (Pro-Flo).

- The sensor, located at the air valve and cap, detects the presence of a magnet located at the end of the air valve piston/spool
- The PCMI registers a complete pump cycle when the piston/spool shifts away from the sensor and subsequently returns to the original position
- The PCMI unit has a reset switch located on the face of the PCMI module
- PCMI has the ability to be reset from a remote location



WILDEN Drum Pump Kit

The inherent features of the Wilden air-operated pump and Accu-Flo pump technology allow it to excel as a utilitarian drum pump. Variable speed and pressure capability and the ability to run dry, self-prime and dead-head offers you flexibility at a low cost. The Wilden universal drum pump kit enables Wilden 1/4" and 1/2" pumps to adapt directly to drums for cost-effective, efficient liquid transfer.

- Universal kit for 6 mm (1/4") and 13 mm (1/2") pumps
- Fits 51 mm (2") NPT bungholes
- Tube length can be cut to length
- Variety of materials are available



Things to Think About

When Selecting an Air-Operated Double-Diaphragm (AODD) Pump

Application

- What application will the pump be used in?
- What are you pumping?
- Do you need lube-free operation?
- Does the pump need to be submersible?
- What cleaning fluids would be used to clean the pump?
- What are your performance parameters (flow rates, air consumption, viscosities, suction lift)?
- Do you need a pulsation dampener?

Air Distribution System (ADS)

- What ADS best suits your application needs?
- How reliable is the ADS?
- How efficient is the ADS?
- Do you need On/Off reliability?
- Is the pump ADS ATEX-approved?
- Does the ADS have anti-freezing technology?
- Does the ADS have integrated variable performance controls?

Installation

- Before installation please read the caution section of the pump manual.
- What are your piping considerations (valves, elbows, pipe friction losses, etc.)?
- Do you have sufficient air pressure and air volume for the pump?
- What is the MTBR (Mean Time Between Repair) of the AODDP?
- What are your installation parameters (self priming, positive suction head, high vacuum, heat generation, dry run capable, submersible, large solids passage, variable flow and pressure, shear sensitive)?
- Ease of maintenance: is the pump easy to clean, assemble/disassemble?

Wetted Materials

- What media will you be pumping?
- What is the chemical compatibility of the elastomer?
- What are the temperature limits of the wetted material and elastomer?
- How abrasive is the media being pumped?
- Do diaphragm configurations affect flow?

Distributors

- Is your distributor local?
- Can the distributor fully support your fluid transfer needs?
- Are they a full-stocking, full-service distributor?
- How good is delivery? Is it less than 3 weeks?
- Is the distributor formally educated in specifying and maintaining your system?
- How are the services and repair capabilities of the distributor?
- Does the distributor do local training for your staff?
- How responsive is the distributor to your needs?

Resources

- www.wildenpump.com
- Locating your Authorized Wilden Distributor: www.wildendistributor.com
- Engineering, Operations and Maintenance Manuals: www.wildenpump.com > Support > Manuals (EOMs)
- Cavitation and Friction Guide & Safety Supplement: www.wildenpump.com > Support > Literature
- Electronic Chemical Resistance Guide: www.wildenpump.com > Support > Chemical Guide
- Troubleshooting: www.wildenpump.com in the Support section (Troubleshooting)

WILDEN TECHNICAL SUPPORT: Hours of operation: 8:00 am – 5:00 pm (PST)
Ph. 1-909-422-1730 • E-mail: techsupport@wildenpump.com

METAL TECHNICAL SPECS

SIZING CONSIDERATIONS

CONNECTION TYPE

MODELS	WETTED MATERIALS	LIQUID INLET	LIQUID DISCHARGE	CONNECTION TYPE		SHIPPING WEIGHT	HEIGHT	WIDTH	DEPTH
				BSPT/NPT	DIN/ANSI				
PS400	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	33 kg (72 lb)	594 mm (23.4")	343 mm (13.5")	308 mm (12.1")
PS400	Stainless Steel Alloy C	38 mm (1-1/2")	38 mm (1-1/2")	-	•	43 kg (94 lb) 45 kg (100 lb)	530 mm (20.8")	381 mm (15.1")	308 mm (12.1")
PS420	Aluminum	38 mm (1-1/2")	38 mm (1-1/2") H 32 mm (1-1/4") V	•	-	26 kg (57 lb)	445 mm (17.5") H 429 mm (16.9") V	442 mm (17.4")	531 mm (20.9")
PS420	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	•	-	50 kg (111 lb)	429 mm (16.9")	442 mm (17.4")	308 mm (12.1")
PS430	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	28 kg (62 lb)	594 mm (23.4") ANSI 606 mm (23.9") DIN	442 mm (17.4")	531 mm (20.9")
PS430	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	53 kg (116 lb)	528 mm (20.8")	442 mm (17.4")	308 mm (12.2")
PS800	Aluminum Stainless Steel Alloy C	51 mm (2")	51 mm (2")	-	•	38 kg (83 lb) 89 kg (195 lb) 107 kg (236 lb)	760 mm (29.9")	432 mm (17.3")	338 mm (13.3")
PS810	Aluminum Ductile Iron	51 mm (2")	51 mm (2")	•	-	37 kg (81 lb) 57 kg (125 lb)	509 mm (20.0")	550 mm (21.7")	354 mm (13.9")
PS820	Aluminum	51 mm (2")	51 mm (2")	•	-	47 kg (104 lb)	670 mm (26.4")	452 mm (17.8")	354 mm (13.9")
PS820	Stainless Steel	51 mm (2")	51 mm (2")	•	-	73 kg (161 lb)	658 mm (25.9")	452 mm (17.8")	353 mm (13.9")
PS830	Aluminum	51 mm (2")	51 mm (2")	-	•	54 kg (118 lb)	752 mm (29.8")	452 mm (17.9")	354 mm (13.9")
PS830	Stainless Steel	51 mm (2")	51 mm (2")	-	•	81 kg (178 lb)	754 mm (29.7")	452 mm (17.8")	353 mm (13.9")
PS1500	Aluminum	76 mm (3")	76 mm (3")	-	•	101 kg (223 lb)	1031 mm (40.6")	615 mm (24.2")	421 mm (16.6")
PS1500	Stainless Steel Alloy C	76 mm (3")	76 mm (3")	-	•	125 kg (275 lb) 130 kg (287 lb)	892 mm (35.1")	541 mm (21.3")	419 mm (16.5")
PS1510	Aluminum Ductile Iron	76 mm (3")	76 mm (3")	-	•	81 kg (179 lb) 159 kg (350 lb)	754 mm (29.7")	874 mm (34.4")	411 mm (16.2")
PS1520	Aluminum	76 mm (3")	76 mm (3")	•	-	69 kg (152 lb)	818 mm (32.2")	635 mm (25.0")	421 mm (16.6")
PS1520	Stainless Steel	76 mm (3")	76 mm (3")	•	-	126 kg (278 lb)	815 mm (32.1")	659 mm (26.0")	420 mm (16.6")
PS1530	Stainless Steel	76 mm (3")	76 mm (3")	-	•	137 kg (300 lb)	890 mm (35.1")	659 mm (26.0")	420 mm (16.6")

PRO-FLO SHIFT
ADVANCED



PERFORMANCE

MAX. SUCTION LIFT

MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	RUBBER/TPE		PTFE		MAX. FLOW	
		DRY	WET	DRY	WET	RUBBER/TPE	PTFE
8.6 bar (125 psig)	4.8 mm (3/16")	5.7 m (18.7')	8.6 m (28.4')	5.7 m (18.7')	8.6 m (28.4')	443 lpm (117 gpm)	424 lpm (112 gpm)
8.6 bar (125 psig)	4.8 mm (3/16")	6.9 m (22.7')	8.6 m (28.4')	6.7 m (22.1')	8.6 m (28.4')	279 lpm (74 gpm)	348 lpm (92 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.0 m (29.5')	5.2 m (17.0')	9.0 m (29.5')	503 lpm (133 gpm)	510 lpm (135 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (17.9')	9.6 m (30.6')	3.5 m (11.4')	9.0 m (29.5')	507 lpm (134 gpm)	485 lpm (128 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.0 m (29.5')	5.2 m (17.0')	9.0 m (29.5')	503 lpm (133 gpm)	510 lpm (135 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (17.9')	9.6 m (30.6')	3.5 m (11.4')	9.0 m (29.5')	507 lpm (134 gpm)	485 lpm (128 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21.0')	8.6 m (28.4')	5.9 m (19.5')	8.6 m (28.4')	697 lpm (184 gpm)	662 lpm (175 gpm)
8.6 bar (125 psig)	51 mm (2")	7.4 m (24.4')	9.0 m (29.5')	-	-	640 lpm (169 gpm)	-
8.6 bar (125 psig)	6.4 mm (1/4")	6.5 m (21.8')	9.0 m (29.5')	6.1 m (20.0')	9.0 m (29.5')	704 lpm (186 gpm)	673 lpm (178 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	8.6 m (28.4')	6.4 m (21.0')	8.6 m (28.4')	704 lpm (186 gpm)	678 lpm (179 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.5 m (21.8')	9.0 m (29.5')	6.1 m (20.0')	9.0 m (29.5')	704 lpm (186 gpm)	673 lpm (178 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	8.6 m (28.4')	6.4 m (21.0')	8.6 m (28.4')	704 lpm (186 gpm)	678 lpm (179 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.0 m (29.5')	6.2 m (20.2')	8.6 m (28.4')	1045 lpm (276 gpm)	977 lpm (258 gpm)
8.6 bar (125 psig)	9.5 mm (3/8")	6.4 m (21.0')	8.6 m (28.4')	4.9 m (19.5')	8.6 m (28.4')	939 lpm (248 gpm)	931 lpm (246 gpm)
8.6 bar (125 psig)	76 mm (3")	7.1 m (23.35')	9.0 m (29.5')	-	-	882 lpm (233 gpm)	-
8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.0 m (29.5')	6.2 m (20.2')	8.6 m (28.4')	1045 lpm (276 gpm)	977 lpm (258 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	6.0 m (19.7')	8.6 m (28.4')	5.9 m (19.3')	8.6 m (28.4')	1056 lpm (279 gpm)	992 lpm (262 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	6.0 m (19.7')	8.6 m (28.4')	5.9 m (19.3')	8.6 m (28.4')	1056 lpm (279 gpm)	992 lpm (262 gpm)

**PRO-FLO SHIFT
ADVANCED**

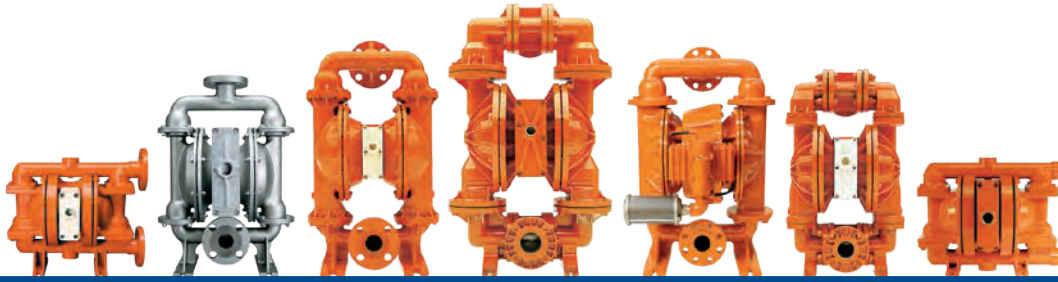
METAL TECHNICAL SPECS

SIZING CONSIDERATIONS

CONNECTION TYPE

MODELS	WETTED MATERIALS	LIQUID INLET	LIQUID DISCHARGE	CONNECTION TYPE		SHIPPING WEIGHT	HEIGHT	WIDTH	DEPTH
				BSPT/NPT	DIN/ANSI				
PX200	Aluminum Stainless Steel Ductile Iron	25 mm (1")	25 mm (1")	-	•	15 kg (34 lb) 28 kg (61 lb) 26 kg (57 lb)	340 mm (13.4")	378 mm (14.7")	244 mm (9.6")
PX400	Aluminum Alloy C Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	33 kg (72 lb) 45 kg (100 lb) 43 kg (94 lb)	594 mm (24.3")	343 mm (13.5")	310 mm (12.2")
PX420	Aluminum	38 mm (1-1/2")	38 mm (1-1/2") H 32 mm (1-1/4") V	•	-	26 kg (57 lb)	445 mm (17.5") H 429 mm (16.9") V	442 mm (17.4")	518 mm (20.4")
PX420	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	•	-	50 kg (111 lb)	445 mm (17.5")	444 mm (17.4")	518 mm (20.4")
PX430	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	28 kg (62 lb)	594 mm (23.4") ANSI 606 mm (23.9") DIN	442 mm (17.4")	518 mm (20.4")
PX430	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	53 kg (116 lb)	445 mm (17.5")	444 mm (17.4")	518 mm (20.4")
PX800	Aluminum Alloy C Stainless Steel Cast Iron	51 mm (2")	51 mm (2")	-	•	35 kg (78 lb) 54 kg (119 lb) 53 kg (117 lb)	760 mm (29.9")	439 mm (17.3")	493 mm (19.4")
PX810	Aluminum Ductile Iron	51 mm (2")	51 mm (2")	-	-	37 kg (81 lb) 57 kg (125 lb)	508 mm (20.0")	554 mm (21.8")	343 mm (13.5")
PX820	Aluminum	51 mm (2")	51 mm (2")	•	-	47 kg (104 lb)	670 mm (26.4")	452 mm (17.8")	353 mm (14.0")
PX820	Stainless Steel	51 mm (2")	51 mm (2")	•	-	73 kg (161 lb)	658 mm (15.9")	452 mm (17.8")	356 mm (14.0")
PX830	Aluminum	51 mm (2")	51 mm (2")	-	•	54 kg (118 lb)	752 mm (29.6")	452 mm (17.8")	353 mm (14.0")
PX830	Stainless Steel	51 mm (2")	51 mm (2")	-	•	81 kg (178 lb)	760 mm (29.9")	452 mm (17.8")	356 mm (14.0")
PX1500	Aluminum Alloy C Stainless Steel	76 mm (3")	76 mm (3")	-	•	83 kg (182 lb) 130 kg (287 lb) 125 kg (275 lb)	1,031 mm (40.6")	615 mm (24.2")	422 mm (16.6")
PX1510	Aluminum Ductile Iron	76 mm (3")	76 mm (3")	-	-	81 kg (177 lb) 159 kg (349 lb)	754 mm (29.7")	874 mm (34.4")	411 mm (16.2")
PX1520	Aluminum	76 mm (3")	76 mm (3")	•	-	70 kg (152 lb)	1,031 mm (40.6")	615 mm (24.2")	422 mm (16.6")
PX1520	Stainless Steel	76 mm (3")	76 mm (3")	•	-	126 kg (278 lb)	815 mm (32.1")	650 mm (25.6")	422 mm (16.6")
PX1530	Stainless Steel	76 mm (3")	76 mm (3")	-	•	137 kg (300 lb)	896 mm (35.3")	650 mm (25.6")	422 mm (16.6")

PRO-FLO X
ADVANCED



PERFORMANCE

MAX. SUCTION LIFT

MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	RUBBER/TPE		PTFE		MAX. FLOW	
		DRY	WET	DRY	WET	RUBBER/TPE	PTFE
8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.3')	9.0 m (29.5')	4.3 m (14.2')	9.0 m (29.5')	212 lpm (56 gpm)	185 lpm (49 gpm)
8.6 bar (125 psig)	7.9 mm (5/16")	6.9 m (22.7')	9.0 m (29.5')	6.9 m (22.7')	9.3 m (30.6')	424 lpm (112 gpm)	413 lpm (109 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (18.2')	9.0 m (29.5')	5.9 m (19.5')	9.0 m (29.5')	496 lpm (131 gpm)	499 lpm (132 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.3 m (30.6')	5.1 m (16.8')	9.3 m (30.6')	507 lpm (134 gpm)	469 lpm (124 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (18.2')	9.0 m (29.5')	5.9 m (19.5')	9.0 m (29.5')	496 lpm (131 gpm)	499 lpm (132 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.3 m (30.6')	5.1 m (16.8')	9.3 m (30.6')	507 lpm (134 gpm)	469 lpm (124 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21')	8.6 m (28.4')	6.1 m (19.9')	8.6 m (28.4')	654 lpm (173 gpm)	674 lpm (174 gpm)
8.6 bar (125 psig)	51 mm (2")	8.0 m (26.1')	9.3 m (30.6')	-	-	628 lpm (166 gpm)	-
8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	8.7 m (28.4')	6.2 m (20.4')	9.0 m (29.5')	658 lpm (174 gpm)	650 lpm (172 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.6 m (21.8')	9.0 m (29.5')	6.6 m (21.6')	8.6 m (28.4')	712 lpm (188 gpm)	653 lpm (172 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	8.7 m (28.4')	6.2 m (20.4')	9.0 m (29.5')	658 lpm (174 gpm)	650 lpm (172 gpm)
8.6 bar (125 psig)	6.4 mm (1/4")	6.6 m (21.8')	9.0 m (29.5')	6.6 m (21.6')	8.6 m (28.4')	712 lpm (188 gpm)	653 lpm (172 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	6.7 m (22.1')	9.5 m (31.2')	6.4 m (21')	9.0 m (29.5')	1,021 lpm (270 gpm)	974 lpm (257 gpm)
8.6 bar (125 psig)	76 mm (3")	7.4 m (24.4')	9.0 m (29.5')	-	-	958 lpm (253 gpm)	-
8.6 bar (125 psig)	12.7 mm (1/2")	6.6 m (21.7')	8.8 m (28.9')	6.4 m (21.0')	9.0 m (29.5')	1021 lpm (270 gpm)	974 lpm (257 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	6.2 m (20.4')	9.2 m (30.1')	6.1 m (19.9')	9.3 m (30.6')	1030 lpm (272 gpm)	985 lpm (260 gpm)
8.6 bar (125 psig)	12.7 mm (1/2")	6.2 m (20.4')	9.2 m (30.1')	6.1 m (19.9')	9.3 m (30.6')	1030 lpm (272 gpm)	985 lpm (260 gpm)

**PRO-FLO X
ADVANCED**

METAL TECHNICAL SPECS

SIZING CONSIDERATIONS

CONNECTION TYPE										
MODELS	WETTED MATERIALS	LIQUID INLET	LIQUID DISCHARGE	BSPT/NPT	DIN/ANSI	SHIPPING WEIGHT	HEIGHT	WIDTH	DEPTH	
PRO-FLO	P200	Aluminum Ductile Iron Stainless Steel	25 mm (1")	25 mm (1")	•	-	11 kg (24 lb) 21 kg (47 lb) 23 kg (51 lb)	343 mm (13.5")	378 mm (14.9")	229 mm (9.0")
	P400	Aluminum Alloy C	38 mm (1-1/2")	38 mm (1-1/2")	-	•	25 kg (55 lb) 38 kg (83 lb)	594 mm (23.4")	343 mm (13.5")	340 mm (13.4")
	P400	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	35 kg (77 lb)	528 mm (20.8")	384 mm (15.1")	294 mm (11.6")
	P800	Aluminum Stainless Steel Alloy C	51 mm (2")	51 mm (2")	-	•	34 kg (75 lb) 100 kg (220 lb) 103 kg (228 lb)	760 mm (29.9")	439 mm (17.3")	325 mm (12.8")
HIGH PRESSURE	HS400S	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	27 kg (60 lb)	605 mm (23.8")	343 mm (13.5")	320 mm (12.6")
	HS430S	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	29 kg (64 lb)	609 mm (24.0") ANSI 606 mm (23.9") DIN	442 mm (17.4")	531 mm (20.9")
	HS430S	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	55 kg (121 lb)	529 mm (20.8")	443 mm (17.5")	531 mm (20.9") AL ADS 519 mm (20.4") SS ADS
	HX400S	Aluminum	38 mm (1-1/2")	38 mm (1-1/2")	-	•	27 kg (60 lb)	605 mm (23.8")	345 mm (13.6")	310 mm (12.2")
	HX400S	Stainless Steel	38 mm (1-1/2")	38 mm (1-1/2")	-	•	37 kg (82 lb)	528 mm (20.8")	384 mm (15.1")	310 mm (12.2")
	H200	Ductile Iron Stainless Steel	25 mm (1")	25 mm (1")	•	-	38 kg (84 lb) 37 kg (81 lb)	343 mm (13.5")	450 mm (17.7")	305 mm (12.0")
	H800	Ductile Iron Stainless Steel	51 mm (2")	51 mm (2")	-	•	128 kg (283 lb) 128 kg (283 lb)	759 mm (29.9")	490 mm (19.3")	546 mm (21.5")
TURBO-FLO	T810	Aluminum Cast Iron	51 mm (2")	51 mm (2")	-	-	40 kg (89 lb) 60 kg (133 lb)	508 mm (20.0")	554 mm (21.8")	386 mm (15.2")
	T1510	Aluminum Ductile Iron	76 mm (3")	76 mm (3")	-	-	84 kg (185 lb) 162 kg (357 lb)	754 mm (29.7")	874 mm (34.4")	427 mm (16.8")



P E R F O R M A N C E

MAX. SUCTION LIFT

RUBBER/TPE

PTFE

MAX. FLOW

MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	RUBBER/TPE		PTFE		MAX. FLOW		
		DRY	WET	DRY	WET	RUBBER/TPE	PTFE	
8.6 bar (125 psig)	6.4 mm (1/4")	5.4 m (17.6')	9.3 m (30.6')	3.5 m (11.4')	9.3 m (30.6')	212 lpm (56 gpm)	168 lpm (44 gpm)	PRO-FLO
8.6 bar (125 psig)	7.9 mm (5/16")	4.2 m (13.6')	8.9 m (29.5')	3.4 m (11.3')	9.0 m (29.5')	409 lpm (108 gpm)	329 lpm (87 gpm)	
8.6 bar (125 psig)	4.8 mm (3/16")	5.8 m (19.0')	8.8 m (29.0')	3.7 m (12.0')	8.5 m (28.0')	307 lpm (81 gpm)	295 lpm (78 gpm)	
8.6 bar (125 psig)	6.4 mm (1/4")	7.0 m (23.0')	9.5 m (31.0')	4.6 m (15.0')	9.5 m (31.0')	591 lpm (156 gpm)	496 lpm (131 gpm)	
8.6 bar (125 psig)	8.0 mm (5/16")	1.1 m (3.6')	9.0 m (29.5')	-	-	227 lpm (60 gpm)	-	HIGH PRESSURE
17.2 bar (250 psig)	6.4 mm (1/4")	2.0 m (6.8')	9.0 m (29.5')	-	-	280 lpm (74 gpm)	-	
17.2 bar (250 psig)	6.4 mm (1/4")	2.0 m (6.8')	9.0 m (29.5')	-	-	264 lpm (70 gpm)	-	
17.2 bar (250 psig)	8.0 mm (5/16")	2.5 m (8.2')	8.6 m (28.2')	-	-	235 lpm (62 gpm)	-	
17.2 bar (250 psig)	4.8 mm (3/16")	2.3 m (8.2')	8.6 m (28.2')	-	-	199 lpm (53 gpm)	-	
20.7 bar (300 psig)	6.4 mm (1/4")	2.7 m (9.1')	9.0 m (29.5')	-	-	93.9 lpm (24.8 gpm)	-	
17.2 bar (250 psig)	12.7 mm (1/2")	3.7 m (12.0')	9.0 m (29.5')	-	-	360 lpm (95 gpm)	-	
8.6 bar (125 psig)	51 mm (2")	7.6 m (25.0')	9.3 m (30.6')	-	-	628 lpm (166 gpm)	-	TURBO-FLO
8.6 bar (125 psig)	76 mm (3")	7.4 m (24.4')	9.3 m (30.6')	-	-	977 lpm (258 gpm)	-	

PLASTIC TECHNICAL SPECS

SIZING CONSIDERATIONS

	MODELS	WETTED MATERIALS	LIQUID INLET	LIQUID DISCHARGE	CONNECTION TYPE		SHIPPING WEIGHT	HEIGHT	WIDTH	DEPTH
					BSPT/NPT	DIN/ANSI				
PRO-FLO SHIFT	PS400	Polypropylene PVDF	38 mm (1-1/2")	38 mm (1-1/2")	-	•	28 kg (62 lb) 32 kg (70 lb)	665 mm (26.2")	476 mm (18.8")	333 mm (13.1")
	PS800	Polypropylene PVDF	51 mm (2")	51 mm (2")	-	•	40 kg (89 lb) 52 kg (115 lb)	801 mm (31.5")	604 mm (23.8")	371 mm (14.6")
	PS1500	Polypropylene PVDF	76 mm (3")	76 mm (3")	-	•	125 kg (275 lb) 152 kg (335 lb)	1279 mm (50.3")	914 mm (36.0")	584 mm (23.0")
PRO-FLO X	PX400	Polypropylene	38 mm (1-1/2")	38 mm (1-1/2")	-	•	24 kg (52 lb)	668 mm (26.3")	478 mm (18.8")	315 mm (12.4")
	PX800	Polypropylene PVDF	51 mm (2")	51 mm (2")	-	•	33 kg (70 lb) 45 kg (99 lb)	804 mm (31.7")	604 mm (23.8")	356 mm (14.0")
PRO-FLO	P25	Polypropylene PVDF	6 mm (1/4")	6 mm (1/4")	•	-	2 kg (4 lb) 2 kg (5 lb)	173 mm (6.8")	173 mm (6.8")	127 mm (5.0")
	P100	Polypropylene PVDF	13 mm (1/2")	13 mm (1/2")	•	-	4 kg (8 lb) 5 kg (10 lb)	277 mm (10.9")	234 mm (9.2")	201 mm (7.9")
	P200	Polypropylene PVDF PFA	25 mm (1")	25 mm (1")	-	•	10 kg (22 lb) 15 kg (32 lb) 18 kg (40 lb)	434 mm (17.1")	457 mm (18.0")	231 mm (9.1")
	P400	Polypropylene PVDF	38 mm (1-1/2")	38 mm (1-1/2")	-	•	19 kg (41 lb) 27 kg (59 lb)	668 mm (26.3")	478 mm (18.8")	300 mm (11.8")
	P800	Polypropylene PVDF	51 mm (2")	51 mm (2")	-	•	32 kg (70 lb) 45 kg (99 lb)	804 mm (31.7")	604 mm (23.8")	353 mm (13.9")
	P1500	Polypropylene PVDF	76 mm (3")	76 mm (3")	-	•	138 kg (305 lb) 161 kg (365 lb)	1280 mm (50.4")	914 mm (36.0")	584 mm (23.0")
ACCU-FLO	A100	Polypropylene PVDF	13 mm (1/2")	13 mm (1/2")	-	•	4 kg (8 lb) 5 kg (10 lb)	277 mm (10.9")	234 mm (9.2")	226 mm (8.9")
	A200P	Polypropylene PVDF	25 mm (1")	25 mm (1")	-	•	14 kg (31 lb) 19 kg (41 lb)	434 mm (17.1")	457 mm (18.0")	257 mm (10.1")

Where Innovation Flows

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