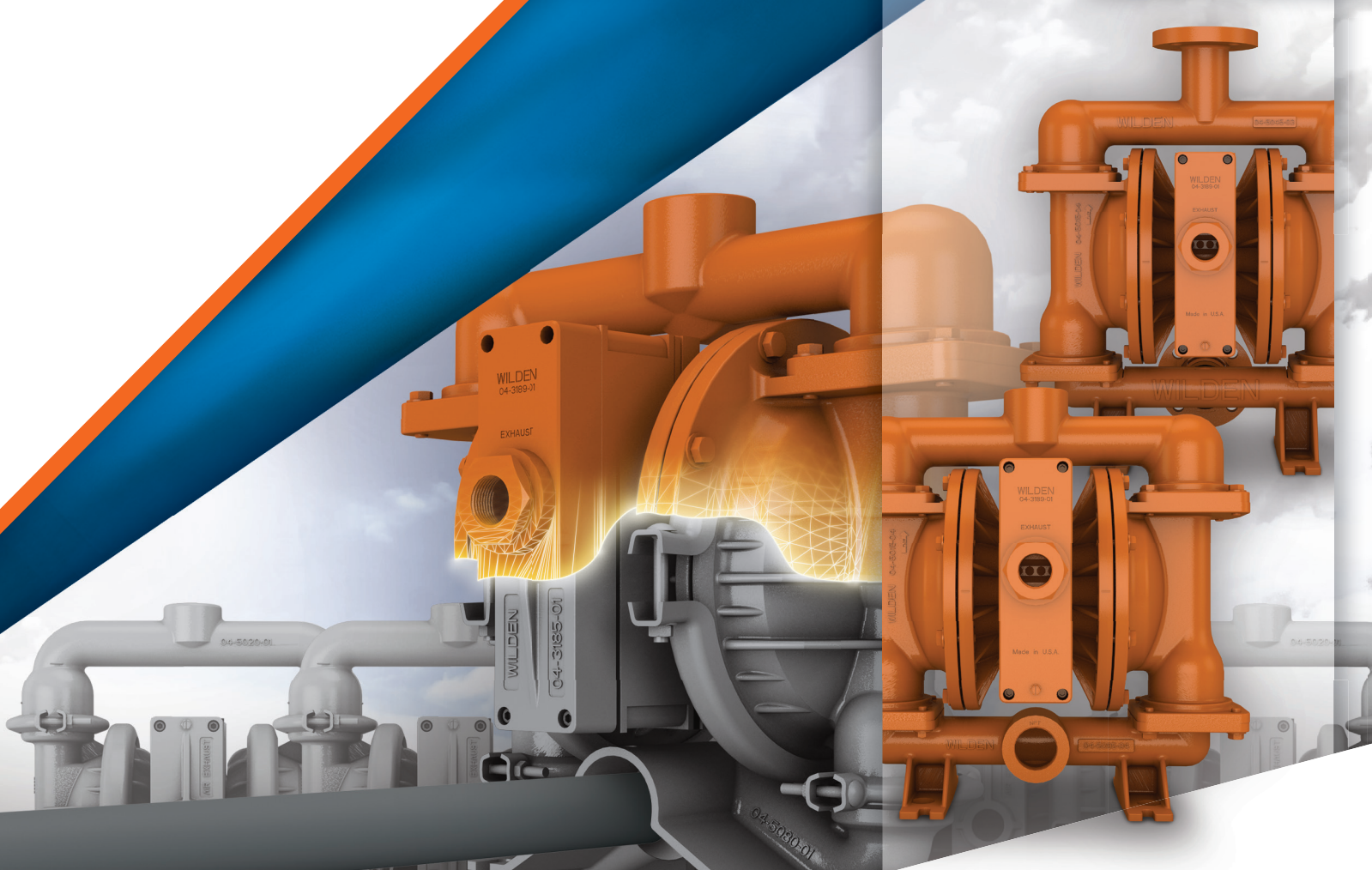


WILDEN®
Part of Pump Solutions Group
A **DOVER** COMPANY

Now There's A
New Industry Standard
For **Bolted**
AODD Pumps-
With **No Repiping**

WILDEN®
Advanced FIT Pumps



Where Innovation Flows

www.wildenpump.com

AIR-OPERATED DOUBLE-DIAPHRAGM PUMPS



Now There's A New Industry Standard For Bolted AODD Pumps— With No Repiping

Wilden® Advanced™ FIT AODD pumps feature superior flow rates and easier installation compared to other brands. And they "fit" bolt-to-bolt and pipe-to-pipe within existing fluid-handling piping systems.

Wilden® Advanced™ FIT Features and Benefits

Higher ROI

- Exact fit from bolt-down footprint to inlet/discharge connections – Reduces installation costs. Eliminates repiping expenses.
- Re-engineered fluid path drives higher performance – Up to 45% higher flow rates vs. Original™ Series and up to 37% higher flow rates vs. Advanced Series.*
- Bolted product containment – Provides superior containment, sealability and ease of maintenance.
- Available with Wilden Pro-Flo X™ or Pro-Flo® SHIFT Air Distribution System – Up to 60% savings in air consumption over competitive AODD technologies.

Easier Installation

- Fewer fasteners and easily accessible with power tools – Up to 73% reduction in fastener count and up to 72% faster assembly/disassembly yielding shorter downtime**.
- Flexibility in aligning the wetted path assembly through lateral adjustment of the manifolds – Easier installation into poorly piped systems.

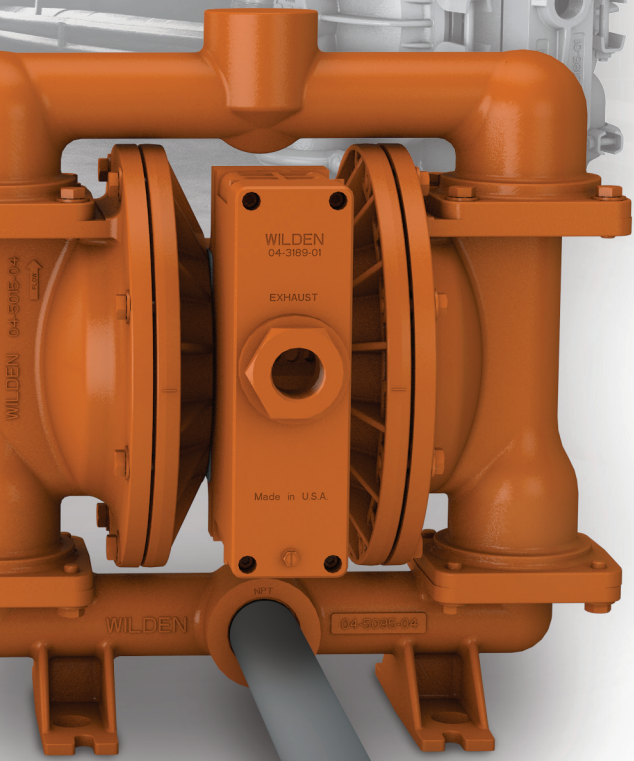
Wider Variety of Fluid-Handling Applications

- Features 316 stainless steel*** or aluminum wetted paths and largest selection of genuine Wilden diaphragms – Offers greater diversity in fluid compatibility including exceptional performance for abrasive applications.

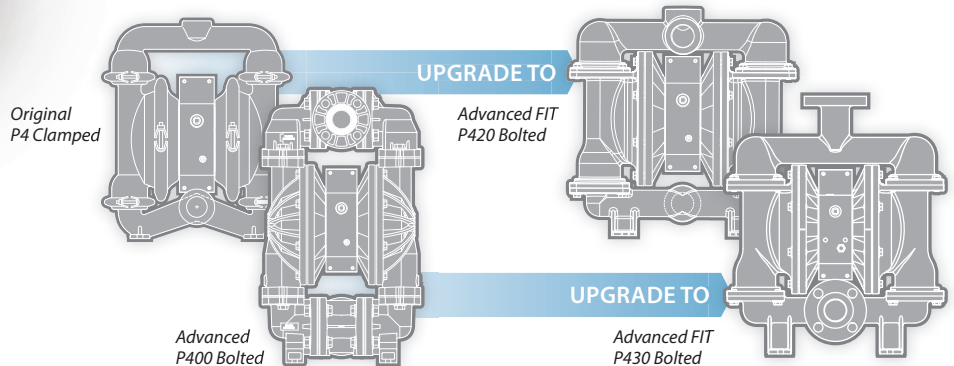
* 1-1/2" pump comparison.

** P5800 vs. P5830 comparison.

*** 316 stainless steel versions available in late 2014.

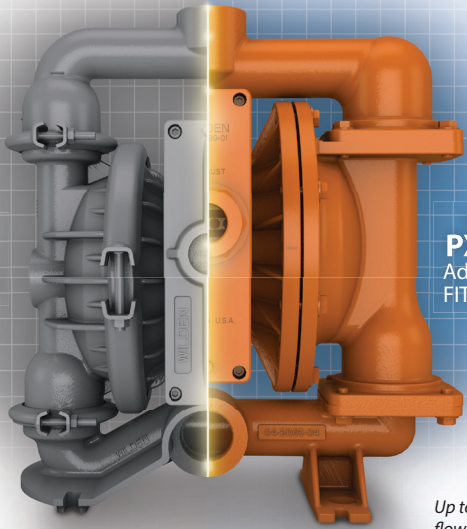


Wilden Pump Evolution





PX4
Original
Clamped



**NEW
PX420**
Advanced
FIT Bolted

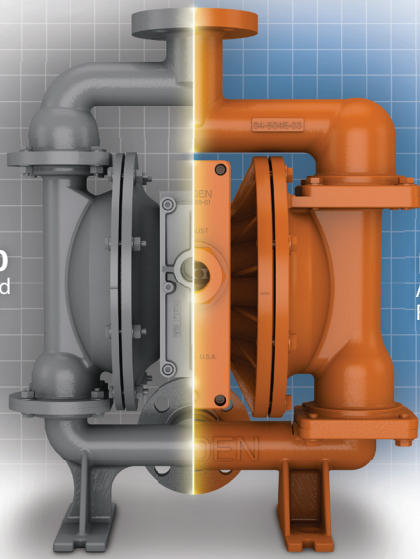
*Up to 45% better
flow rate.*

Compare Wilden® Original™ Series to Advanced FIT Pumps

- Replace older Original Series installations with the superior product containment and sealability of Advanced FIT pumps without repiping
- Experience up to 45% higher flow rates, lower fluid pressure drops and increased diaphragm life (2")
- Easier pipe alignment in tight fitting installations with increased manifold flexibility

Original Model	Advanced FIT Upgrade Model	Improved Flow Rates
PS4	PS420	35%
PX4	PX420	45%
PS8	PS820	-
PX8	PX820	-
PS15	PS1520	14%
PX15	PX1520	12%

PX400
Advanced
Bolted



**NEW
PX430**
Advanced
FIT Bolted

*Up to 37% better
flow rate.*

Compare Wilden® Advanced™ Series to Advanced FIT Pumps

- Experience up to 37% higher flow rates, lower fluid pressure drops and increased diaphragm life (2")
- Simplify assembly/maintenance through up to 73% reduced fastener count
- ANSI 150# and DIN equivalent flange options
- Labor-saving manifold flexibility to assist in tight fitting installations

Advanced Model	Advanced FIT Upgrade Model	Improved Flow Rates
PS400	PS430	14%
PX400	PX430	37%
PS800	PS830	-
PX800	PX830	-
PS1500	PS1530	13%
PX1500	PX1530	12%

Advanced FIT Compared to Other Brands

Not only can Wilden Advanced FIT Bolted AODD pumps upgrade your operation from existing Wilden pump technology, FIT pumps can replace other pump brands including Warren Rupp, Versa-Matic and ARO.

FIT Dimensional Tables (meaning FIT can work in any of these competitive situations):

2" Pump Compatibility Guide

Dimension	Wilden PX820	ARO PD20	Warren Rupp S20	Versa E2 Bolted
Floor to Inlet	48 mm/1.9"	48 mm/1.9"	51 mm/2.0"	50 mm/2.0"
Floor to Discharge	630 mm/24.8"	629 mm/24.8"	632 mm/24.9"	630 mm/24.8"
Foot Bolt // to Inlet	229 mm/9.0"	230 mm/9.1"	229 mm/9.0"	229 mm/9.0"
Foot Bolt ⊥ to Inlet	257 mm/10.1"	256 mm/10.1"	256 mm/10.1"	257 mm/10.1"

3" Pump Compatibility Guide

Dimension	Wilden PX1520	ARO PD30	Warren Rupp S30	Versa E3 Bolted
Floor to Inlet	71 mm/2.8"	70 mm/2.8"	66 mm/2.6"	71.1 mm/2.8"
Floor to Discharge	765 mm/30.1"	762 mm/30.0"	767 mm/30.2"	788 mm/31.0"
Foot Bolt // to Inlet	257 mm/10.1"	258 mm/10.2"	257 mm/10.1"	254 mm/10.0"
Foot Bolt ⊥ to Inlet	305 mm/12.0"	306 mm/12.1"	305 mm/12.0"	304 mm/12.0"

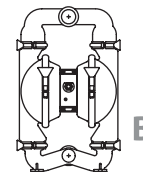
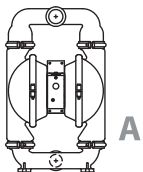


Compare Original Series to New Advanced FIT

STAINLESS STEEL* TECHNICAL SPECS

MODEL	THREADED CONNECTION									MAX. SUCTION LIFT		MAX. FLOW	
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT	ORIENTATION	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	DRY	WET		
PRO-FLO X™	PX420 FIT	38 mm (1-1/2") H 32 mm (1-1/4") V**	64 mm (2.5")	391 mm (15.4") H 429 mm (16.9") V	D	445 mm (17.5")	444 mm (17.4")	518 mm (20.4")	8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.3 m (30.6')	507 lpm (134 gpm)
	PX4 Original	38 mm (1-1/2") H 32 mm (1-1/4") V	64 mm (2.5")	429 mm (16.9")	C	429 mm (16.9")	368 mm (14.5")	307 mm (21.1")	8.6 bar (125 psig)	4.8 mm (3/16")	6.9 m (22.7')	9.3 m (30.6')	347 lpm (92 gpm)
	PX820 FIT	51 mm (2")	64 mm (2.5")	620 mm (24.4")	D	658 mm (25.9")	452 mm (17.8")	356 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.6 m (21.6')	9.0 m (29.5')	712 lpm (188 gpm)
	PX8 Original	51 mm (2")	64 mm (2.5")	620 mm (24.4")	A, B	668 mm (26.3")	404 mm (15.9")	340 mm (13.4")	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	9.2 m (30.1')	703 lpm (186 gpm)
	PX1520 FIT	76 mm (3")	71 mm (2.8")	765 mm (30.1")	D	815 mm (32.1")	650 mm (25.6")	422 mm (16.6")	8.6 bar (125 psig)	12.7 mm (1/2")	6.6 m (21.7')	9.2 m (30.1')	1,030 lpm (272 gpm)
	PX15 Original	76 mm (3")	71 mm (2.8")	765 mm (30.1")	A, B	823 mm (32.4")	505 mm (19.9")	406 mm (16.0")	8.6 bar (125 psig)	9.5 mm (3/8")	6.7 m (22.1')	9.5 m (31.2')	918 lpm (243 gpm)
PRO-FLO SHIFT™	PS420 FIT	38 mm (1-1/2") H 32 mm (1-1/4") V**	64 mm (2.5")	391 mm (15.4") H 429 mm (16.9") V	D	445 mm (17.5")	444 mm (17.4")	308 mm (12.1")	8.6 bar (125 psig)	6.4 mm (1/4")	5.6 m (18.4')	9.6 m (30.6')	507 lpm (134 gpm)
	PS4 Original	38 mm (1-1/2")	64 mm (2.5")	429 mm (16.9")	C	429 mm (16.9")	368 mm (14.5")	307 mm (21.1")	8.6 bar (125 psig)	4.8 mm (3/16")	7.1 m (23.3')	8.6 m (28.4')	375 lpm (99 gpm)
	PS820 FIT	51 mm (2")	64 mm (2.5")	620 mm (24.4")	D	658 mm (25.9")	452 mm (17.8")	353 mm (13.9")	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	9.0 m (29.5')	704 lpm (186 gpm)
	PS8 Original	51 mm (2")	64 mm (2.5")	620 mm (24.4")	A, B	668 mm (26.3")	404 mm (15.9")	340 mm (13.4")	8.6 bar (125 psig)	6.4 mm (1/4")	7.2 m (23.8')	9.0 m (29.5')	723 lpm (191 gpm)
	PS1520 FIT	76 mm (3")	71 mm (2.8")	765 mm (30.1")	D	815 mm (32.1")	650 mm (25.6")	389 mm (15.3")	8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.0 m (29.5')	1,056 lpm (279 gpm)
	PS15 Original	76 mm (3")	71 mm (2.8")	765 mm (30.1")	A, B	823 mm (32.4")	505 mm (19.9")	406 mm (16.0")	8.6 bar (125 psig)	9.5 mm (3/8")	6.6 m (21.6')	8.6 m (28.4')	927 lpm (245 gpm)

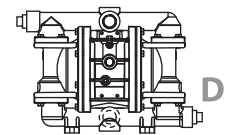
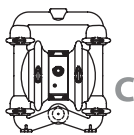
*Stainless steel versions available in late 2014. **Note: Vertical discharge (Drop-In) configurations of PX420 have 0651 (NPT) and 0652 (BSPT) specialty codes.



ALUMINUM TECHNICAL SPECS

MODEL	THREADED CONNECTION									MAX. SUCTION LIFT			
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT	ORIENTATION	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	DRY	WET	MAX. FLOW	
PRO-FLO X™	PX820 FIT	51 mm (2")	48 mm (1.9")	630 mm (24.8")	D	670 mm (26.4")	453 mm (17.9")	355 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	9.0 m (29.5')	658 lpm (174 gpm)
	PX8 Original	51 mm (2")	48 mm (1.9")	630 mm (24.8")	A, B	668 mm (26.3")	404 mm (15.9")	348 mm (13.7")	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	8.6 m (28.4')	703 lpm (186 gpm)
	PX1520 FIT	76 mm (3")	71 mm (2.8")	765 mm (30.1")	D	818 mm (32.2")	635 mm (25.0")	388 mm (15.3")	8.6 bar (125 psig)	12.7 mm (1/2")	6.6 m (21.7')	8.8 m (28.9')	1,030 lpm (272 gpm)
	PX15 Original	76 mm (3")	71 mm (2.8")	765 mm (30.1")	A, B	823 mm (32.4")	505 mm (19.9")	406 mm (16.0")	8.6 bar (125 psig)	9.5 mm (3/8")	6.7 m (22.1')	9.5 m (31.2')	918 lpm (243 gpm)

PRO-FLO SHIFT	PS820 FIT	51 mm (2")	48 mm (1.9")	630 mm (24.8")	D	670 mm (26.4")	452 mm (17.9")	353 mm (13.9")	8.6 bar (125 psig)	6.4 mm (1/4")	6.5 m (21.8')	9.0 m (29.5')	704 lpm (186 gpm)
	PS8 Original	51 mm (2")	48 mm (1.9")	630 mm (24.8")	A, B	668 mm (26.3")	404 mm (15.9")	348 mm (13.7")	8.6 bar (125 psig)	6.4 mm (1/4")	7.2 m (23.8')	9.0 m (29.5')	703 lpm (191 gpm)
	PS1520 FIT	76 mm (3")	61 mm (2.4")	759 mm (29.9")	D	818 mm (32.2")	635 mm (25.0")	389 mm (15.3")	8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.0 m (29.5')	1,045 lpm (276 gpm)
	PS15 Original	76 mm (3")	61 mm (2.4")	758 mm (29.8")	A, B	816 mm (32.1")	514 mm (20.2")	425 mm (16.7")	8.6 bar (125 psig)	9.5 mm (3/8")	6.6 m (21.6')	8.6 m (28.4')	927 lpm (245 gpm)



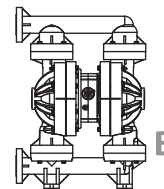
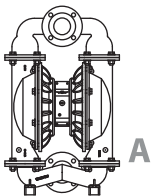


Compare Advanced Series to New Advanced FIT

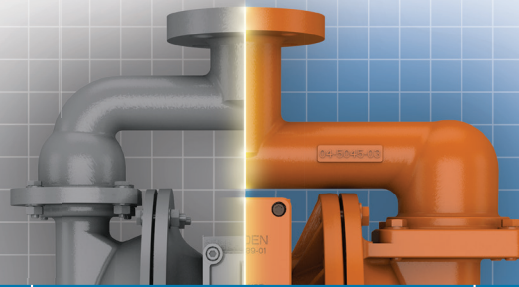
STAINLESS STEEL* TECHNICAL SPECS

MODEL	FLANGED CONNECTION									MAX. SUCTION LIFT		MAX. FLOW	
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT	ORIENTATION	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	DRY	WET		
PRO-FLO X™	PX430 FIT	38 mm (1-1/2")	38 mm (1.5")	529 mm (20.8")	F	445 mm (17.5")	444 mm (17.4")	518 mm (20.4")	8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (19.3')	9.3 m (30.6')	507 lpm (134 gpm)
	PX400 Advanced	38 mm (1-1/2")	38 mm (1.5")	529 mm (20.8")	B	528 mm (20.8")	384 mm (15.1")	310 mm (12.2")	8.6 bar (125 psig)	7.9 mm (5/16")	6.9 m (22.7')	9.3 m (30.6')	371 lpm (98.1 gpm)
	PX830 FIT	51 mm (2")	89 mm (3.5")	646 mm (25.4")	F	658 mm (25.9")	452 mm (17.8")	356 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	9.0 m (29.5')	712 lpm (188 gpm)
	PX800 Advanced	51 mm (2")	89 mm (3.5")	646 mm (25.4")	B	760 mm (29.9")	439 mm (17.3")	340 mm (13.4")	8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21')	8.6 m (28.4')	674 lpm (178 gpm)
	PX1530 FIT	76 mm (3")	105 mm (4.1")	796 mm (31.3")	F	815 mm (32.1")	650 mm (25.6")	422 mm (16.6")	8.6 bar (125 psig)	12.7 mm (1/2")	6.2 m (20.4')	9.2 m (30.1')	1,030 lpm (272 gpm)
	PX1500 Advanced	76 mm (3")	105 mm (4.1")	796 mm (31.3")	B	894 mm (35.2")	541 mm (21.3")	419 mm (16.5")	8.6 bar (125 psig)	12.7 mm (1/2")	6.7 m (22.1')	9.5 m (31.2')	918 lpm (243 gpm)
PRO-FLO SHIFT™	PS430 FIT	38 mm (1-1/2")	38 mm (1.5")	529 mm (20.8")	F	528 mm (20.8")	443 mm (17.5")	309 mm (12.2")	8.6 bar (125 psig)	6.4 mm (1/4")	5.6 m (18.4')	9.0 m (29.5')	507 lpm (134 gpm)
	PS400 Advanced	38 mm (1-1/2")	38 mm (1.5")	529 mm (20.8")	B	528 mm (20.8")	384 mm (15.1")	310 mm (12.2")	8.6 bar (125 psig)	4.8 mm (3/16")	5.7 m (18.7')	8.6 m (28.4')	443 lpm (117 gpm)
	PS830 FIT	51 mm (2")	89 mm (3.5")	646 mm (25.4")	F	760 mm (29.8")	452 mm (17.8")	353 mm (13.9")	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.8')	8.6 m (28.4')	704 lpm (186 gpm)
	PS800 Advanced	51 mm (2")	89 mm (3.5")	646 mm (25.4")	B	760 mm (29.9")	439 mm (17.3")	340 mm (13.5")	8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21.0')	8.6 m (28.4')	697 lpm (184 gpm)
	PS1530 FIT	76 mm (3")	105 mm (4.1")	796 mm (31.3")	F	896 mm (35.3")	650 mm (25.6")	389 mm (15.3")	8.6 bar (125 psig)	12.7 mm (1/2")	6.0 m (19.7')	8.6 m (28.4')	1,056 lpm (279 gpm)
	PS1500 Advanced	76 mm (3")	105 mm (4.1")	796 mm (31.3")	B	894 mm (35.2")	541 mm (21.3")	419 mm (16.5")	8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.0 m (29.5')	939 lpm (248 gpm)

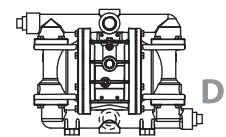
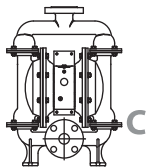
*Stainless steel versions available in late 2014.



ALUMINUM TECHNICAL SPECS



MODEL	FLANGED CONNECTION									MAX. SUCTION LIFT			
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT	ORIENTATION	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	DRY	WET	MAX. FLOW	
PRO-FLO X™	PX830 FIT	51 mm (2")	89 mm (3.5")	646 mm (25.4")	F	760 mm (29.9")	452 mm (17.8")	353 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	9.0 m (29.5')	658 lpm (174 gpm)
	PX800 Advanced	51 mm (2")	89 mm (3.5")	646 mm (25.4")	B	760 mm (29.9")	439 mm (17.3")	340 mm (13.4")	8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21')	8.6 m (28.4')	674 lpm (178 gpm)
PRO-FLO SHIFT™	PS830 FIT	51 mm (2")	89 mm (3.5")	676 mm (26.6")	F	752 mm (29.8")	452 mm (17.8")	353 mm (13.9")	8.6 bar (125 psig)	6.4 mm (1/4")	6.5 m (21.8')	9.0 m (29.5')	704 lpm (186 gpm)
	PS800 Advanced	51 mm (2")	89 mm (3.5")	676 mm (26.6")	A	760 mm (29.9")	439 mm (17.3")	338 mm (13.3")	8.6 bar (125 psig)	6.4 mm (1/4")	6.4 m (21.0')	8.6 m (28.4')	697 lpm (184 gpm)



Where Innovation Flows



PSG reserves the right to modify the information and illustrations contained in this document without prior notice. This is a non-contractual document. 09-2014



22069 Van Buren Street
Grand Terrace, CA 92313-5651 USA
T: +1 (909) 422-1730
F: +1 (909) 783-3440
www.wildenpump.com

Authorized Partner:

Printed in the U.S.A. Copyright © 2014 Pump Solutions Group (PSG®), A Dover® Company WIL-11500-C-01