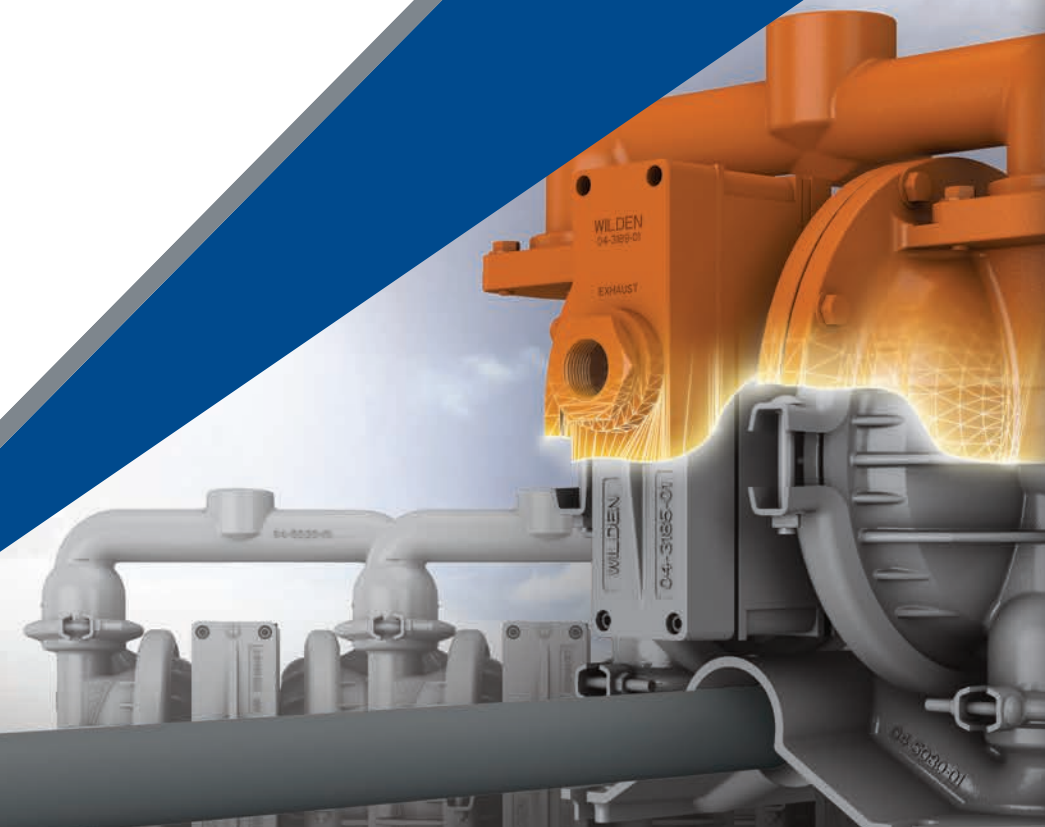


# WILDEN®

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

WILDEN®  
FIT Pumps



Where Innovation Flows

[wildenpump.com](http://wildenpump.com)

AIR-OPERATED DOUBLE-DIAPHRAGM PUMPS

  
a DOVER company



## Wilden® FIT Metal Pump – The Standard For AODD Pump Performance

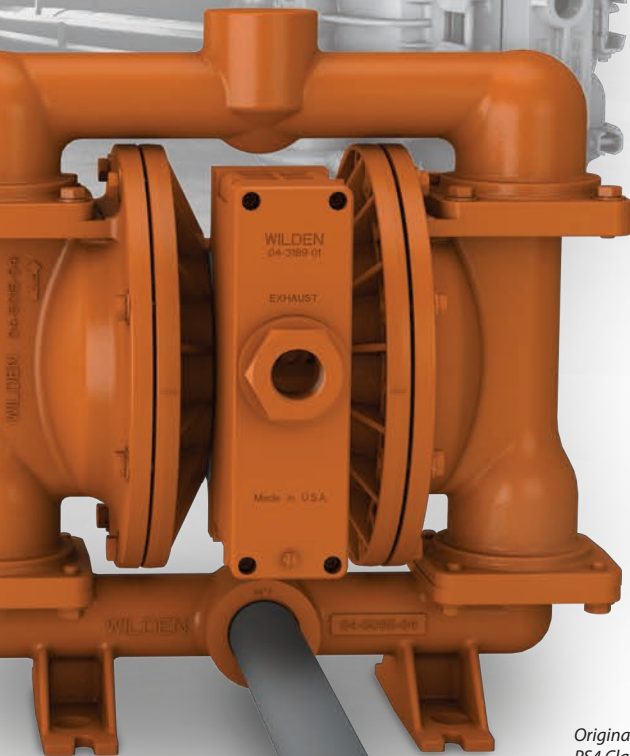
Wilden® FIT, a reliable performer, sets the standard for air-operated double-diaphragm (AODD) pump performance. FIT pumps provide higher flow rates when compared to many competitors' larger pumps. FIT provides value by increasing overall performance, efficiency and operational profitability by reducing the cost of ownership.

The best performing AODD pump in the world, FIT is available with either the Pro-Flo® SHIFT or Pro-Flo X™ Air Distribution Systems (ADS). These top-performing air distribution systems increase plant profitability and reduce overall cost of ownership beyond other AODD pumps on the market.

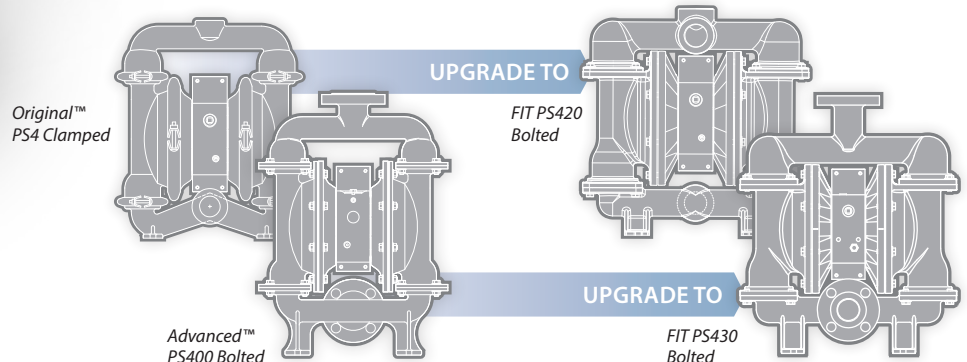
FIT is a direct replacement for most competitor and Wilden pumps in the field, and does not require any repiping for your application. The FIT metal pump has fewer fasteners with single socket assembly technology reducing downtime and making it easy to assemble/disassemble.

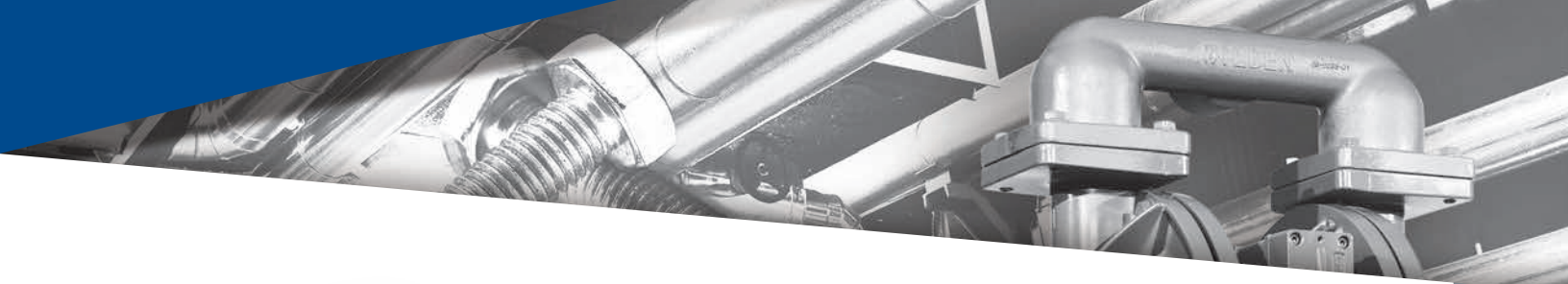
### Features & Benefits:

- Superior flow rates and operational efficiency
- Bolted construction for maximum product containment
- Sizes available: 38 mm (1-1/2"), 51 mm (2"), and 76 mm (3")
- Materials available: aluminum, ductile iron and stainless steel
- Liquid inlet/discharge connections:
  - -20 designator: NPT or BSPT threaded
  - -30 designator: ANSI 150# or DIN flanged

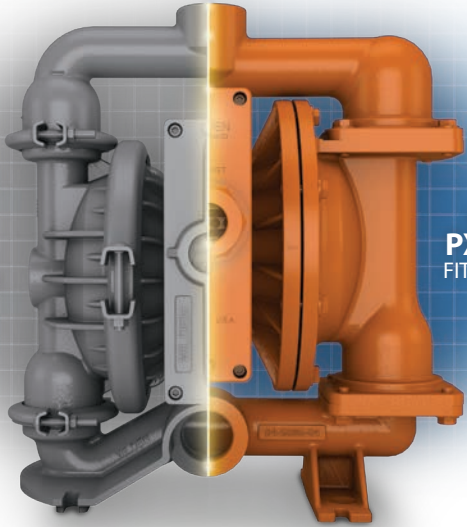


### Wilden Pump Evolution



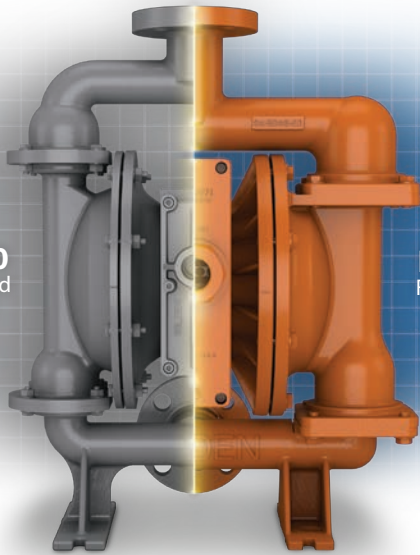


**PX4**  
Original  
Clamped



**NEW  
PX420**  
FIT Bolted

**PX400**  
Advanced  
Bolted



**NEW  
PX430**  
FIT Bolted

## For Higher Performance, Make It FIT

Wilden FIT pumps have been designed for best-in-class performance, superior containment, ease of maintenance and installation.

### Superior flow rates:

- Up to 37% higher than legacy Wilden Advanced™ pumps
- Up to 50% higher than competitor pumps
- Can be used in place of some of the competitor's larger pumps in some applications

### Ease of installation

- Direct replacement for legacy Wilden pumps
- Direct replacement for most competitor pumps including:
  - ARO®
  - Versa-Matic®
  - Warren Rupp®
- Some inlet/discharge manifolds slotted for easy adjustment

### Ease of maintenance

- Fewer fasteners
- Designed for fast assembly/disassembly
- Single socket assembly on most models

*Direct replacement for the following and does not require any repiping.*

WILDEN FIT MODEL	DIRECTLY REPLACES
PS/PX420	PS/PX4
PS/PX430	PS/PX400
PS/PX820	PS/PX8 ARO PD20 Warren Rupp S20 Versa-Matic E2
PS/PX830	PS/PX800
PS/PX1520	PS/PX15 ARO PD30 Warren Rupp S30 Versa-Matic E3
PS/PX1530	PS/PX1500

ARO® is a registered trademark of Ingersoll Rand®  
Versa-Matic® is a registered trademark of Warren Rupp®, Inc.  
Warren Rupp®, Inc. is registered trademark of IDEX® Corporation





## Compare to New FIT

### STAINLESS STEEL TECHNICAL SPECS

MODEL	THREADED CONNECTION			WEIGHT	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	MAX. SUCTION LIFT		MAX. FLOW
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT							DRY	WET	
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	50 kg (111 lb)	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")	28 kg (62 lb)	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")	73 kg (161 lb)	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 (21.8')	9.0 m (29.5')	712 lpm (188 gpm)
PX8 Original	51 mm (2")	64 mm (2.5")	620 mm (24.4")	53 kg (117 lb)	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 (188 gpm)
PX1520 FIT	76 mm (3")	71 mm (2.8")	765 mm (30.1")	126 kg (278 lb)	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)
PX15 Original	76 mm (3")	71 mm (2.8")	765 mm (30.1")	90 kg (198 lb)	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)
PX430 FIT	38 mm (1-1/2")	38 mm (1.5")	529 mm (20.8")	53 kg (116 lb)	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")	35 kg (77 lb)	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")	678 mm (26.7")	81 kg (178 lb)	760 mm (29.9")	452 mm (17.8")	356 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.6 m (21.8')	9.0 m (29.5')	712 lpm (188 gpm)
PX800 Advanced	51 mm (2")	89 mm (3.5")	646 mm (25.4")	73 kg (161 lb)	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")	137 kg (300 lb)	896 mm (35.3")	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")	125 kg (275 lb)	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)

\*Note: Vertical discharge configurations of PX420 have 0651 (NPT) and 0652 (BSPT) specialty codes.

## ALUMINUM TECHNICAL SPECS



MODEL	THREADED CONNECTION			WEIGHT	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	MAX. SUCTION LIFT		MAX. FLOW
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT							DRY	WET	
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	26 kg (57 lb)	445 mm (17.5") H 429 mm (16.9") V	442 mm (17.4")	518 mm (20.4")*	8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (18.2')	9.0 m (29.5')	499 lpm (132 gpm)
PX4 Original	38 mm (1-1/2") H 32 mm (1-1/4") V	64 mm (2.5")	429 mm (16.9")	28 kg (62 lb)	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")	48 mm (1.9")	630 mm (24.8")	47 kg (104 lb)	670 mm (26.4")	452 mm (17.8")	353 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	8.7 m (28.4')	658 lpm (174 gpm)
PX8 Original	51 mm (2")	48 mm (1.9")	630 mm (24.8")	35 kg (78 lb)	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")	61 mm (2.4")	765 mm (30.1")	70 kg (152 lb)	1,031 mm (40.6")	615 mm (24.2")	388 mm (15.3")	8.6 bar (125 psig)	12.7 mm (1/2")	6.6 m (21.7')	8.8 m (28.9')	1,021 lpm (270 gpm)
PX15 Original	76 mm (3")	58 mm (2.3")	762 mm (30.0")	60 kg (132 lb)	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)
PX430 FIT	38 mm (1-1/2")	80 mm (3.1")	531 mm (20.9")	28 kg (62 lb)	594 mm (23.4") ANSI 606 mm (23.9") DIN	442 mm (17.4")	518 mm (20.4")*	8.6 bar (125 psig)	6.4 mm (1/4")	5.5 m (18.2')	9.0 m (29.5')	499 lpm (132 gpm)
PX400 Advanced	38 mm (1-1/2")	79 mm (3.1")	531 mm (20.9")	33 kg (72 lb)	594 mm (23.4")	343 mm (13.5")	521 mm (20.5")*	8.6 bar (125 psig)	7.9 mm (5/16")	5.6 m (18.4')	9.3 m (30.6')	424 lpm (112 gpm)
PX830 FIT	51 mm (2")	89 mm (3.5")	675 mm (26.6")	47 kg (104 lb)	670 mm (26.4")	452 mm (17.8")	353 mm (14.0")	8.6 bar (125 psig)	6.4 mm (1/4")	6.9 m (22.7')	8.7 m (28.4')	658 lpm (174 gpm)
PX800 Advanced	51 mm (2")	89 mm (3.5")	676 mm (26.6")	35 kg (78 lb)	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)

\*Includes muffler

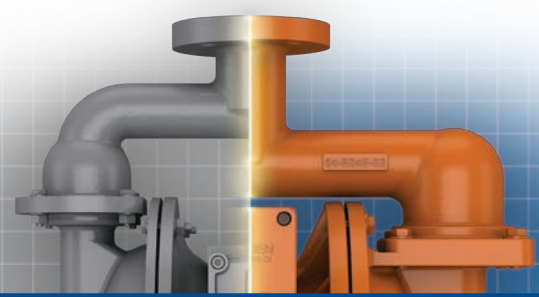


## Compare to New FIT

### METAL TECHNICAL SPECS

MODEL	FLANGED CONNECTION			WEIGHT	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	MAX. SUCTION LIFT		
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT							DRY	WET	MAX. FLOW
PS420 FIT	38 mm (1-1/2")	64 mm (2.5")	391 mm (15.4")	26 kg (57 lb) AL 39 kg (86 lb) Iron 50 kg (111 lb) SS	445 mm (17.5") H	442 mm (17.4")	531 mm (20.9") AL ADS*	8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.3 m (30.6')	510 lpm (135 gpm)
			429 mm (16.9") V		525 mm (20.7") SS ADS*							
PS4 Original	38 mm (1-1/2")	64 mm (2.5")	429 mm (16.9")	28 kg (62 lb)	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")	48 mm (1.9") AL, Iron 64 mm (2.5") SS	630 mm (24.8") AL, Iron	47 kg (104 lb) AL 71 kg (156 lb) Iron 73 kg (161 lb) SS	670 mm (26.4") AL, Iron	453 mm (17.9") AL, Iron	687 mm (27.1") AL, Iron*	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	9.0 m (29.5')	685 lpm (181 gpm)
			620 mm (24.4") SS		658 mm (25.9") SS		687 mm (27.0") SS - AL ADS*					
							679 mm (26.8") SS - SS ADS*					
PS8 Original	51 mm (2")	64 mm (2.5")	620 mm (24.4")	53 kg (117 lb)	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")	61 mm (2.4") AL, Iron 71 mm (2.8") SS	759 mm (29.9") AL	69 kg (152 lb) AL 114 kg (251 lb) Iron 126 kg (278 lb) SS	818 mm (32.2") AL	635 mm (25.0") AL	721 mm (28.4") AL*, Iron*	8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.7 m (31.8')	1026 lpm (271 gpm)
			757 mm (29.8") Iron		810 mm (31.9") Iron		721 mm (28.4") SS - AL ADS*					
			765 mm (30.1") SS		815 mm (32.1") SS		715 mm (28.2") SS - SS ADS*					
PS15 Original	76 mm (3")	71 mm (2.8")	765 mm (30.1")	90 kg (198 lb)	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)

\*Includes muffler



## METAL TECHNICAL SPECS

MODEL	FLANGED CONNECTION			WEIGHT	HEIGHT	WIDTH	DEPTH	MAX. DISCHARGE PRESSURE	MAX. SOLIDS PASSAGE	MAX. SUCTION LIFT			
	LIQUID INLET/DISCHARGE	INLET ATTACHMENT HEIGHT	DISCHARGE ATTACHMENT HEIGHT							DRY	WET	MAX. FLOW	
PS430 FIT	38 mm (1-1/2")	80 mm (3.1") AL	531 mm (20.9") AL	28 kg (62 lb) AL	594 mm (23.4") AL ANSI	442 mm (17.4") AL	531 mm (20.9") AL*	8.6 bar (125 psig)	6.4 mm (1/4")	5.9 m (19.5')	9.3 m (30.6')	510 lpm (135 gpm)	
		89 mm (3.5") Iron, SS	528 mm (20.8") Iron, SS ANSI	42 kg (92 lb) Iron	606 mm (23.9") AL DIN	528 mm (20.8") Iron, SS ANSI	443 mm (17.5") Iron, SS						525 mm (20.7") Iron, SS - SS ADS*
			529 mm (20.8") Iron, SS DIN	53 kg (116 lb) SS	529 mm (20.8") Iron, SS DIN								
PS400 Advanced	38 mm (1-1/2")	79 mm (3.1")	531 mm (20.9")	33 kg (72 lb)	594 mm (23.4")	343 mm (13.5")	531 mm (20.9")*	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")	675 mm (26.6") AL, Iron	54 kg (118 lb) AL	752 mm (29.6") AL, Iron ANSI		687 mm (27.1") AL, Iron*	8.6 bar (125 psig)	6.4 mm (1/4")	7.1 m (23.3')	9.0 m (29.5')	685 lpm (181 gpm)	
			678 mm (26.7") SS	82 kg (181 lb) Iron	758 mm (29.8") AL, Iron DIN	452 mm (17.8")	677 mm (27.1") SS - AL ADS*						
				81 kg (178 lb) SS	754 mm (29.7") SS ANSI		682 mm (26.9") SS - SS ADS*						
					760 mm (29.9") SS DIN								
PS800 Advanced	51 mm (2")	89 mm (3.5")	675 mm (26.6")	38 kg (83 lb)	759 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)	
PS1530 FIT	76 mm (3")	105 mm (4.1")	796 mm (31.3")	101 kg (223 lb) AL	890 mm (35.1") ANSI	673 mm (26.5")	715 mm (28.2") AL ADS*	8.6 bar (125 psig)	12.7 mm (1/2")	7.2 m (23.8')	9.7 m (31.8')	1026 lpm (271 gpm)	
				124 kg (272 lb) Iron	891 mm (35.3") DIN		356 mm (14.0") SS ADS*						
				137 kg (300 lb) SS									
PS1500 Advanced	76 mm (3")	105 mm (4.1")	796 mm (31.3")	125 kg (275 lb)	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)	

PRO-FLO SHIFT

PRO-FLO SHIFT

\*Includes muffler

## Where Innovation Flows

**WILDEN**<sup>®</sup>

PSG  
22069 Van Buren Street  
Grand Terrace, CA 92313-5651 USA  
P: +1 (909) 422-1730 • F: +1 (909) 783-3440  
[wildenpump.com](http://wildenpump.com)

PSG reserves the right to modify the information and illustrations contained in this document without prior notice. This is a non-contractual document. 01-2017

Authorized PSG Partner: