

Air Pumping Limited

The Double Diaphragm & Piston Pump Specialists

PRODUCT CATALOGUE



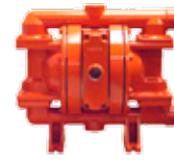
VARIMIX
v3



DIAPHRAGM PUMPS

Metallic

WILDEN
AIR OPERATED DOUBLE DIAPHRAGM PUMPS



Original

Original

Original

Advanced

Original

1/4"
(6 mm)

1/2"
(13 mm)

1"
(25 mm)

1"
(25 mm)

1 1/2"
(40 mm)

	Original	Original	Original	Advanced	Original
	1/4" (6 mm)	1/2" (13 mm)	1" (25 mm)	1" (25 mm)	1 1/2" (40 mm)
Pump model	(X) P025-X	(X) PX1-X	(X) PX2-X	(X) PX200-X	(X) PX4-X
Max flow rate*	18.9 l/min	62.8 l/min	170.3 l/min	212 l/min	306 l/min
Construction materials	Aluminium Stainless Steel	Aluminium Stainless Steel	Aluminium Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel	Aluminium Cast Iron Stainless Steel Hastelloy
Elastomer options (valve ball and diaphragm materials)	Buna-N (nitrile) PTFE (Teflon) Wil-Flex - (santoprene)	Buna-N EPDM Polyurethane PTFE Saniflex (hytrel) Viton Wil-Flex	Buna-N Nordel Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N Neoprene Nordel Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Tetra-Flex PTFE Viton Wil-Flex
Fluid connections	1/4" BSP 1/4" NPT	1/2" BSP 1/2" NPT	3/4" outlet 1" inlet BSP/NPT	1" BSP 1" NPT 1" ANSI/DIN	1 1/4" outlet 1 1/2" inlet BSP/NPT
Maximum solids handling	0.4 mm	1.6 mm	3.2 mm	6.4 mm	4.7 mm
Maximum air inlet pressure	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)
Shipping weight	1.8 kg Aluminium 4.0 kg Stainless Steel	6.0 kg Aluminium 9.0 kg Stainless Steel	12.0 kg Aluminium 16.3 kg Stainless Steel 18.1 kg Hastelloy	11.0 kg Aluminium 21.0 kg Cast Iron 23.0 kg Stainless Steel	17.5 kg Aluminium 26.2 kg Cast Iron 26.2 kg Stainless Steel 26.2 kg Hastelloy
ATEX Approved	XP025 models only	XP1 & XPX1 models only	XPX2 models only	XP200 & XPX200 models only	XPX4 models only



Advanced	Original	Advanced	Original	Advanced	Advanced
1½" (40 mm)	2" (50 mm)	2" (50 mm)	3" (80 mm)	3" (80 mm)	4" (100 mm)
(X) PX400-X	(X) PX8-X	(X) PX800-X	(X) PX15-X	(X) PX1500-X	XPX20-X
424 l/min	675 l/min	674 l/min	918 l/min	999 l/min	1211 l/min
Aluminium Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel Hastelloy	Aluminium Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel	Aluminium Stainless Steel Hastelloy	Cast Iron
Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane Saniflex Viton Wil-Flex
1½" ANSI/DIN	2" BSP 2" NPT	2" ANSI/DIN	3" BSP 3" NPT	3" BSP 3" NPT 3" ANSI/DIN	4" ANSI/DIN
7.9 mm	6.4 mm	6.4 mm	9.5 mm	12.7 mm	35 mm
8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)
25 kg Aluminium 35 kg Stainless Steel 38 kg Hastelloy	35 kg Aluminium 49 kg Cast Iron 53 kg Stainless Steel 54 kg Hastelloy	34 kg Aluminium 100 kg Stainless Steel 103 kg Hastelloy	60 kg Aluminium 98 kg Cast Iron 90 kg Stainless Steel	83 kg Aluminium 125 kg Stainless Steel 130 kg Hastelloy	223 kg Cast Iron
XPX400 models only	XPX8 models only	XPX800 models only	XPX15 models only	XPX1500 models only	All models

DIAPHRAGM PUMPS

WILDEN
AIR OPERATED DOUBLE DIAPHRAGM PUMPS

Non-Metallic



Original

Advanced

Original

Advanced

Original

1/4"
(6 mm)

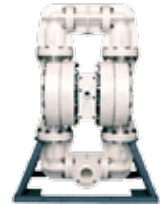
1/4"
(6 mm)

1/2"
(13 mm)

1/2"
(13 mm)

1"
(25 mm)

	Original	Advanced	Original	Advanced	Original
	1/4" (6 mm)	1/4" (6 mm)	1/2" (13 mm)	1/2" (13 mm)	1" (25 mm)
Pump model	P.025-X	P25-X	P1-X	P100-X	P2-X
Max flow rate*	18.2 l/min	16.7 l/min	56.8 l/min	58.7 l/min	140 l/min
Construction materials	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF PTFE	Polypropylene PVDF	Polypropylene PVDF
Elastomer options (valve ball and diaphragm materials)	Buna-N (nitrile) PTFE (Teflon) Wil-Flex - (santoprene)	PTFE	Buna-N Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex
Fluid connections	1/4" BSP 1/4" NPT	1/4" BSP 1/4" NPT	1/2" BSP 1/2" NPT	1/2" BSP 1/2" NPT 1/2" ANSI/DIN	1" BSP 1" NPT
Maximum solids handling	0.4 mm	0.7 mm	1.6 mm	1.6 mm	3.18 mm
Maximum air inlet pressure	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)
Shipping weight	1.4 kg Polypropylene 1.4 kg PVDF	2.0 kg Polypropylene 2.0 kg PVDF	4.0 kg Polypropylene 5.0 kg PVDF 5.0 kg PTFE	4.0 kg Polypropylene 5.0 kg PVDF	8.0 kg Polypropylene 10.0 kg PVDF
ATEX Approved	XA025P only	N/A	N/A	N/A	N/A



Advanced	Original	Advanced	Original	Advanced	Advanced
1" (25 mm)	1½" (38 mm)	1½" (38 mm)	2" (51 mm)	2" (51 mm)	3" (76 mm)
P200-X	PX4-X	PX400-X	PX8-X	PX800-X	P1500-X
220 l/min	355 l/min	450 l/min	587 l/min	693 l/min	784 l/min
Polypropylene PVDF PTFE	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF
Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	Buna-N EPDM Neoprene Polyurethane PTFE Saniflex Viton Wil-Flex	PTFE
1" ANSI/DIN	1½" ANSI/DIN	1½" ANSI/DIN	2" ANSI/DIN	2" ANSI/DIN	3" ANSI/DIN
4.76 mm	4.8 mm	6.4 mm	6.4 mm	6.4 mm	13 mm
8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)	8.6 bar (125 psi)
10 kg Polypropylene 15 kg PVDF 18 kg PTFE	17.5 kg Polypropylene 22 kg PVDF	19 kg Polypropylene 27 kg PVDF	34 kg Polypropylene 43 kg PVDF	32 kg Polypropylene 45 kg PVDF	138 kg Polypropylene 161 kg PVDF
N/A	N/A	N/A	N/A	N/A	N/A

0208 552 1172

0208 470 4617

sales@airpumping.co.uk

Air Pumping Online

Make sure you check out our website www.airpumping.co.uk for more information on all our products, the latest news in the pumping world, technical documents and user manuals, video demonstrations, and some exclusive online deals!

Whilst you're online why not stop by our new Diaphragm Pump and Hire Pump Shops:

SHOP ONLINE AT OUR DIAPHRAGM PUMP SHOP

With all our great brands at low prices, full details and pictures for all products - pumps, parts, spares, kits and packages - you can buy all you need with the click of a mouse!

If you're looking for first-rate deals or just want to buy online, take a look at our website today!

www.diaphragmpumpshop.com



HIRE PUMPS ONLINE QUICKLY AND EASILY...



From 1/2" to 3" our air operated pump fleet can handle it all... and now our online hire shop lets you browse our entire fleet with full specifications, making it even easier to pick the pump you need!

So for trial equipment, a demonstration or a difficult one-off job - find us at pumphireshop.com

www.pumphireshop.com

ARO

WILDEN
Pneumatic Diaphragm Pumps

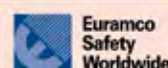


SandPIPER



IR Ingersoll Rand

DEPA



© 2012 Air Pumping Ltd., trading as Air Pumping Engineering Services. PO Box 239, London, E6 3SG, United Kingdom. All specifications are correct at time of printing. Manufacturers reserve the right to amend any weight, dimension or specification without warning. All images, logos, colours, product representations, trademarks and descriptions are used with kind permission of their respective owners. This document is not intended to extend or imply any warranties or guarantees regarding the product performance described herein.

For more information on Air Pumping Engineering Services, please visit www.airpumping.co.uk

