

Air Pumping Limited

The Double Diaphragm & Piston Pump Specialists

PRODUCT CATALOGUE



VARIMIX
v3



DIAPHRAGM PUMPS

ARO®

IR Ingersoll Rand



1/2"
(13 mm)



3/4"
(19 mm)



1"
(25 mm)



1"
(25 mm)



1 1/2"
(38 mm)

Pump model	PD05X-X	PD07X-X	666100-X	PD10X-X	666150-X
Max flow rate*	45.4 l/min	51.5 l/min	133 l/min	197 l/min	340 l/min
Construction materials	Aluminium Stainless Steel	Aluminium	Aluminium Cast Iron Stainless Steel	Aluminium Cast Iron Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel
Elastomer options (valve ball and diaphragm materials)	Hytre Nitrile Polyurethane PTFE (Teflon) Santoprene Stainless Steel Viton	Hytre PTFE Santoprene	Acetal EPR Hytre Neoprene Nitrile Polyurethane PTFE Santoprene Stainless Steel Viton	Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Stainless Steel Viton	Hytre Polyurethane PTFE Santoprene Stainless Steel Viton
Fluid connections	1/2" BSP 1/2" NPT	3/4" BSP 3/4" NPT	1" BSP 1" NPT	1" BSP 1" NPT	1 1/2" BSP 1 1/2" NPT
Maximum solids handling	2.4 mm	2.4 mm	3.2 mm	3.3 mm	6.4 mm
Maximum air inlet pressure	6.9 bar (100 psi)	6.9 bar (100 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)
Shipping weight	4.70 kg Aluminium 7.52 kg Stainless Steel	3.96 kg Aluminium	8.6 kg Aluminium 14.1 kg Cast Iron 16.3 kg Stainless Steel	9.4 kg Aluminium 16.0 kg Cast Iron 17.3 kg Stainless Steel 18.0 kg Hastelloy	23.4 kg Aluminium 36.1 kg Cast Iron 38.3 kg Stainless Steel
ATEX Approved	With Aluminium centre section	N/A	All models	With Aluminium or Stainless Steel centre section	All models



1 1/2"
(38 mm)



2"
(51 mm)



2"
(51 mm)



3"
(76 mm)



3"
(76 mm)

PD15X-X	666200-X	PD20X-X	666300-X	PD30X-X	Pump model
465 l/min	651 l/min	651 l/min	897 l/min	1041 l/min	Max flow rate*
Aluminium Cast Iron Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel	Aluminium Cast Iron Stainless Steel Hastelloy	Aluminium Cast Iron Stainless Steel	Aluminium Cast Iron Stainless Steel Hastelloy	Construction materials
Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Stainless Steel Viton	Hytre Santoprene	Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Stainless Steel Viton	Hytre Santoprene	Hytre Nitrile PTFE Santoprene Viton	Elastomer options (valve ball and diaphragm materials)
1 1/2" BSP 1 1/2" NPT 1 1/2" ANSI/DIN	2" BSP 2" NPT	2" BSP 2" NPT 2" ANSI/DIN	3" BSP 3" NPT	3" BSP 3" NPT	Fluid connections
6.4 mm	6.4 mm	6.4 mm	9.5 mm	9.5 mm	Maximum solids handling
8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	Maximum air inlet pressure
17.1 kg Aluminium 33.2 kg Cast Iron 27.8 kg Stainless Steel 39.4 kg Hastelloy	29.6 kg Aluminium 56.4 kg Cast Iron 58.9 kg Stainless Steel	41.5 kg Aluminium 66.9 kg Cast Iron 68.0 kg Stainless Steel 70.3 kg Hastelloy	49.8 kg Aluminium 96.7 kg Cast Iron 100.8 kg Stainless Steel	58.8 kg Aluminium 98.2 kg Cast Iron 103.8 kg Stainless Steel 113.3 kg Hastelloy	Shipping weight
With Aluminium or Stainless Steel centre section	All models	With Aluminium or Stainless Steel centre section	All models	With Aluminium or Stainless Steel centre section	ATEX Approved

DIAPHRAGM PUMPS

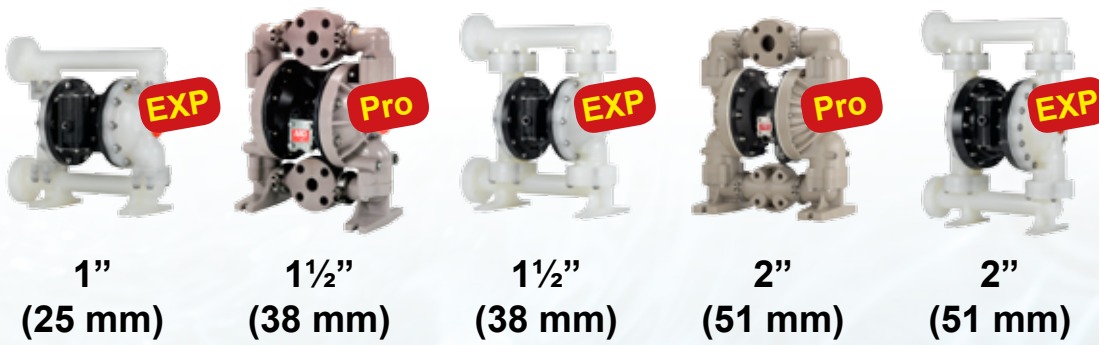
ARO®

IR Ingersoll Rand

Non-Metallic



Pump model	PD02P-X	PD03P-X	PDO5P-X	PD07P-X	6661AX-X
Max flow rate*	17.4 l/min	40.1 l/min	54.5 l/min	56 l/min	178 l/min
Construction materials	Polypropylene PVDF (Kynar) Groundable Acetal	Polypropylene PVDF Groundable Acetal	Polypropylene PVDF Groundable Acetal	Polypropylene	Polypropylene PVDF
Elastomer options (valve ball and diaphragm materials)	Nitrile PTFE (Teflon) Santoprene	Hytrel Neoprene Nitrile PTFE Santoprene Stainless Steel Viton	Hytrel Nitrile Polyurethane PTFE Santoprene Stainless Steel Viton	Hytrel PTFE Santoprene	Hytrel Polyurethane PTFE Santoprene Stainless Steel Viton
Fluid connections	1/4" NPT	3/8" BSP 3/8" NPT	1/2" BSP 1/2" NPT	3/4" BSP 3/4" NPT	1" BSP 1" NPT 1" ANSI/DIN
Maximum solids handling	Clean fluid only	1.6 mm	2.4 mm	2.4 mm	3.2 mm
Maximum air inlet pressure	6.9 bar (100 psi)	6.9 bar (100 psi)	6.9 bar (100 psi)	6.9 bar (100 psi)	8.3 bar (120 psi)
Shipping weight	1.85 kg Polypropylene 2.22 kg PVDF 2.10 kg Groundable Acetal	1.56 kg Polypropylene 2.04 kg PVDF 1.89 kg Groundable Acetal	2.36 kg Polypropylene 3.08 kg PVDF 2.85 kg Groundable Acetal	2.54 kg Polypropylene	9.2 - 13.1 kg Polypropylene 12.9 - 16.8 kg PVDF
ATEX Approved	Groundable Acetal only	Groundable Acetal only	Groundable Acetal only	N/A	N/A



PD10P-X	6661TX-X	PD15P-X	6662AX-X	PD20P-X	Pump model
200 l/min	378 l/min	465 l/min	549 l/min	696 l/min	Max flow rate*
Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF	Polypropylene PVDF	Construction materials
Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Viton	Hytre Polyurethane PTFE Santoprene Viton	Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Stainless Steel Viton	Hytre Polyurethane PTFE Santoprene Viton	Hytre Nitrile PTFE Santoprene Santoprene - <i>Medical Grade</i> Viton	Elastomer options (valve ball and diaphragm materials)
1" BSP 1" NPT 1" ANSI/DIN	1½" ANSI/DIN	1½" ANSI/DIN	2" ANSI/DIN	2" ANSI/DIN	Fluid connections
3.2 mm	6.4 mm	6.4 mm	6.4 mm	6.4 mm	Maximum solids handling
8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	8.3 bar (120 psi)	Maximum air inlet pressure
8.8 - 9 kg Polypropylene 11.7 - 12.3 kg PVDF	28.1 - 38.5 kg Polypropylene 41.7 - 52.1 kg PVDF	19.3 kg Polypropylene 25.3 - 29 kg PVDF	28.1 - 38.5 kg Polypropylene 41.7 - 52.1 kg PVDF	38.7 kg Polypropylene 50.3 kg PVDF	Shipping weight
With Groundable Acetal air motor	N/A	With Conductive Polypropylene air motor	N/A	With Conductive Polypropylene air motor	ATEX Approved

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WILDEN
Pneumatic Diaphragm Pumps

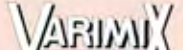


SandPIPER



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DEPA



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