

UP05 - 1/2" PORTED DIAPHRAGM PUMP



MARKETS SERVED

- Automotive Car Dealers
- Service Shops

FLUIDS HANDLED

- Polypropylene
- Antifreeze and antifreeze solutions
 - DEF
 - Windshield Wash Fluid
- Aluminum
- Lubricants
 - Used oil
 - Used fluid
 - Diesel

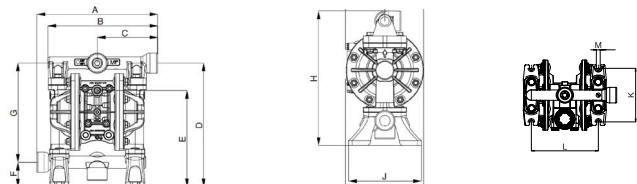
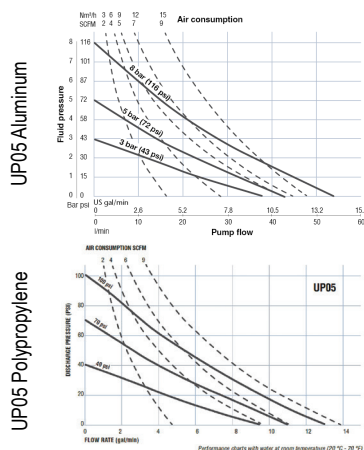
- Frictionless pivoting air valves
- Bolted cover design
- Long life diaphragms
- Conventional flow design combined with unique pivoting air valve, fast action air valve for increased delivery and reliable performance
- For small - medium volume transfer, de-watering and fluid evacuation

TECHNICAL SPECIFICATIONS

	UP05 Aluminum	UP05 Polypropylene
Pump ratio	1:1	1:1
Maximum free delivery	14.3 gal/min (54 l/min)	13.5 gal/min (51 l/min)
Maximum Dry suction lift	16' (5 m)	16' (5 m)
Maximum Wet suction lift	26' (8 m)	26' (8 m)
Minimum air pressure	20 psi (1.5 bar)	20 psi (1.5 bar)
Maximum air pressure	120 psi (8 bar)	100 psi (7 bar)
Max size solid suspension	3/32" (2.5 mm)	3/32" (2.5 mm)
Air inlet	1/4" NPT(F)	1/4" NPT(F)
Fluid outlet	1/2" NPT(F)	1/2" NPT(F)
Wetted materials	A=Aluminum / H=Hytre / C=Hytre	P= Polypropylene / M= Santoprene / A= Santoprene
Manual	855876	855875

ORDER INFORMATION

AIR MOTOR	HOUSINGS			WETTED PARTS		
Central Body & Air Chambers	Fluid Ports / Location Multiport manifolds: central and lateral	Fluid Chambers & Manifolds	Hardware Bolts & Inserts	Valve Seats	Valve Balls	Diaphragms Type & Material
552061 - 1/2" Diaphragm Pump (UP05A-NAC-AHC)						
A= Aluminum	N= NPT threaded ports	A= Aluminum	C= Carbon Steel	A= Aluminum	H=Hytre	C=Hytre
552181 - 1/2" Diaphragm Pump (UP05B-NPS-PMA)						
B= Polypropylene	N= NPT threaded ports	P= Polypropylene	S= Stainless Steel	P= Polypropylene	M= Santoprene	A= Santoprene
552180 - 1/2" Diaphragm Pump BSP Threads (UP05B-BPS-PMA)						
B= Conductive Polypropylene	B= BSP threaded ports	P= Polypropylene	S= Stainless Steel	P= Polypropylene	M= Santoprene	A= Santoprene



UP05 Aluminum inches (MM)

A	B	C	D	E	F	G	H	I	J	K	L	M
8.5"	8.16"	4.72"	11.1"	7.75"	2.01"	9.06"	11.77"	--	5.51"	4.88"	6.11"	0.36"
(216 mm)	(207 mm)	(120 mm)	(281 mm)	(197 mm)	(51 mm)	(230 mm)	(299 mm)		(140 mm)	(124 mm)	(155 mm)	(9 mm)

UP05 Polypropylene inches (MM)

A	B	C	D	E	F	G	H	I	J	K	L	M
9.84"	8.98"	4.92"	10.12"	7.87"	2.01"	8.11"	10.95"	--	5.91"	4.92"	6.18"	0.39"
(250 mm)	(228 mm)	(125 mm)	(257 mm)	(200 mm)	(51 mm)	(206 mm)	(278 mm)		(150 mm)	(125 mm)	(157 mm)	(10 mm)