

UP30 PIVOT SERIES 3" METALLIC PUMPS

The 3" (76 mm) Air Operated Double Diaphragm Pumps made of cast metal can reach a flow rate of up to 1.000 l/min (264 gal/min) and they offer a wide range of construction materials and porting configurations. The pump design ensures high abrasion resistance when pumping abrasive media and low flow resistance.

Central threaded or flanged inlet and outlet ports available. Manifolds can rotate 180° for maximum pump installation versatility.

MAIN APPLICATIONS

- CERAMIC & PORCELAIN
- PAINT & VARNISH INDUSTRY
- OIL & GAS / PETROCHEMICAL
- WASTE WATER / WATER TREATMENT
- MARINE & SHIPBUILDING
- FILTER PRESS
- MINING & CONSTRUCTION
- CHEMICAL / PROCESSING
- PULP AND PAPER / CARDBOARD



TECHNICAL DATA

UP30 METALLIC PUMPS

Pressure Ratio	1:1	
Maximum Free Delivery	1.000 l/min (264 US gal/min)	
Air pressure range	1,5 to 8 bar (20 to 120 psi)	
Solids in suspension, Max. size	12,7 mm (1/2")	
Max dry suction lift	6 m (19.7')	
Max wet suction lift	8 m (26')	
Displacement per cycle*	10 l (2.6 gal)	
Fluid inlet/outlet ports (Female)	3" NPT (F) Threaded 3" BSP (F) Threaded 3" ANSI/DIN Flanged	
Air Inlet Port (Female)	3/4" NPT (F)	
Air Exhaust Port (Female)	1 1/2" NPT (F)	
Sound level	83 dB (A) @50 cycles/min @70 psi	
Weight	Threaded	Flanged
Aluminium version	64 kg (141 lb)	71 kg (156.5 lb)
Stainless Steel version	118 kg (260 lb)	125 kg (275.6 lb)

* Delivery per cycle depends on the diaphragms material, air inlet pressure and fluid viscosity.

PUMP NOMENCLATURE

Examples: **UP30A-XXX-XXX**
UE30A-XXX-XXX-X

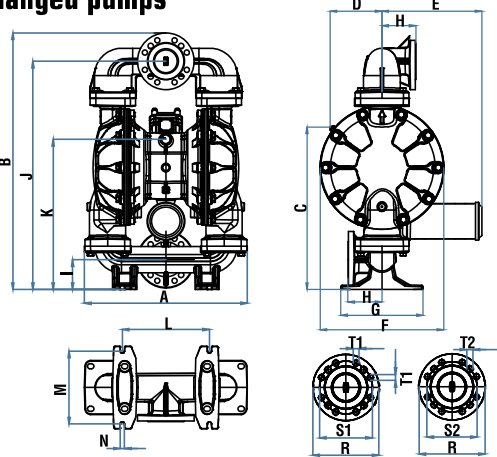
UP30X		XXX			XXX			X
PUMP TYPE	AIR MOTOR	HOUSINGS			WETTED PARTS			ACCESSORIES
1 Pump Type & Size	2 Central Body & Air Chambers	3 Fluid Ports / Location	4 Fluid Chambers & Manifolds	5 Hardware Bolts	6 Valve Seats	7 Valve Balls	8 Diaphragms Type & Material	9 Accessories (UE pumps only)
UP30 Universal Pump (Bolted) UE30 Universal Pump (Bolted) with electronic interface	ATEX Certified A* = Aluminium	B = 3" BSP Threaded Ports / Centre Horizontal C = 3" ANSI/DIN Flanged Ports / Centre Horizontal N = 3" NPT Threaded Ports / Centre Horizontal	ATEX Certified A* = Aluminium S* = Stainless Steel	C = Carbon Steel S = Stainless Steel	A = Aluminium D = AISI 440 Hardened Stainless Steel H = Hytrel® M = Santoprene® N = Nitrile (Buna-N) S = AISI 316 Stainless Steel	H = Hytrel® M = Santoprene® N = Nitrile (Buna-N) T = PTFE (Teflon®) V = FKM (Viton®)	Conventional A = Santoprene® C = Hytrel® G = Nitrile (Buna-N) V = FKM (Viton®) Two-piece Z = PTFE (Teflon® with Santoprene® backer)	A = Diaphragm leak detectors B = Diaphragm leak detectors (ATEX) C = Stroke sensor D = Stroke sensor (PLC) E = Stroke sensor (ATEX) F = Diaphragm leak detectors + Stroke sensor G = Diaphragm leak detectors + Stroke sensor (PLC) H = Diaphragm leak detectors + Stroke sensor (ATEX)

* ATEX Certified pumps for use in hazardous locations ATEX Group II 2GDx.

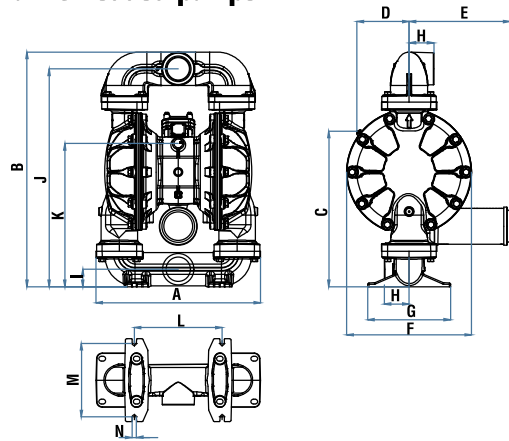
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UP30 PIVOT SERIES, 3" METALLIC PUMPS

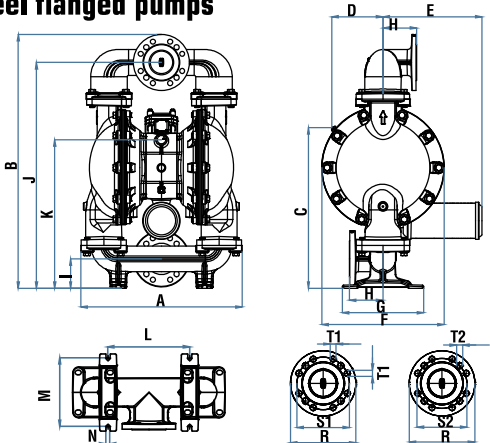
Aluminium flanged pumps



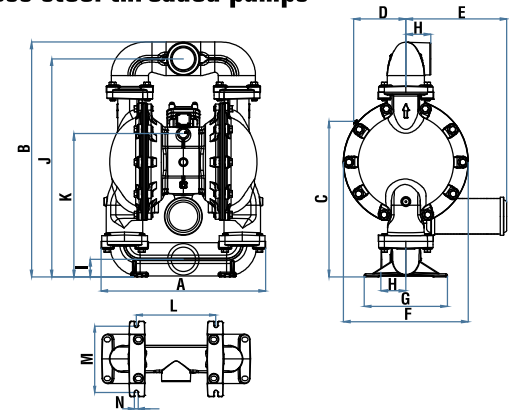
Aluminium threaded pumps



Stainless Steel flanged pumps

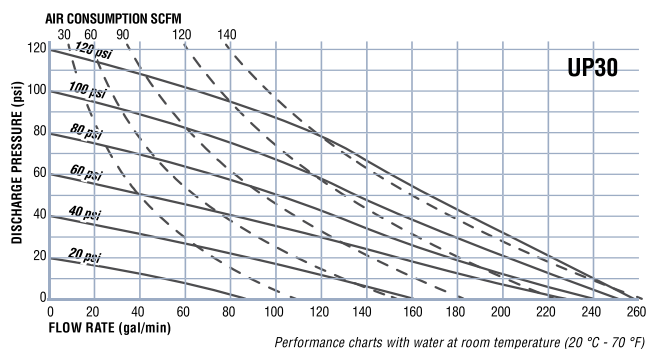
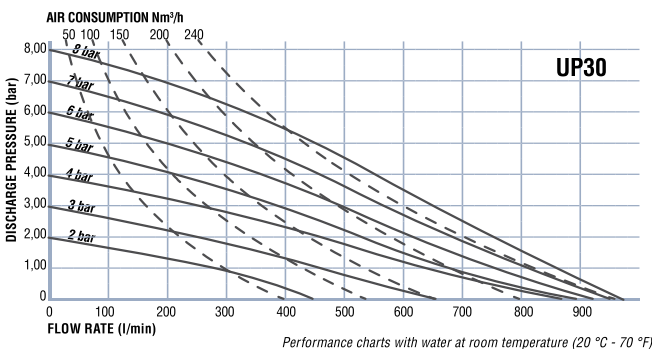


Stainless steel threaded pumps



DIMENSIONS (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	S1 (DIN)	S2 (ANSI)	T1 (DIN)	T2 (ANSI)
UP30 FLANGED PUMP	575	905	579	183	353	436	290	140	105	805	536	307	257	15	200	160	152,4	21	21
UP30 THREADED PUMP	575	820	543	183	353	436	290	87	61	761	500	307	257	15	-	-	-	-	-

DIMENSIONS (inches)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	S1 (DIN)	S2 (ANSI)	T1 (DIN)	T2 (ANSI)
UP30 FLANGED PUMP	22.64	35.63	22.80	7.21	13.90	17.17	11.42	5.51	4.13	31.69	21.10	12.09	10.12	0.59	7.87	6.30	6	0.83	0.83
UP30 THREADED PUMP	22.64	32.28	21.38	7.21	13.90	17.17	11.42	3.43	2.40	29.96	19.69	12.09	10.12	0.59	-	-	-	-	-



AVAILABLE VERSIONS

FLANGED PUMPS



Aluminium



Stainless Steel

THREADED PUMPS



Aluminium



Stainless Steel