

Unicub

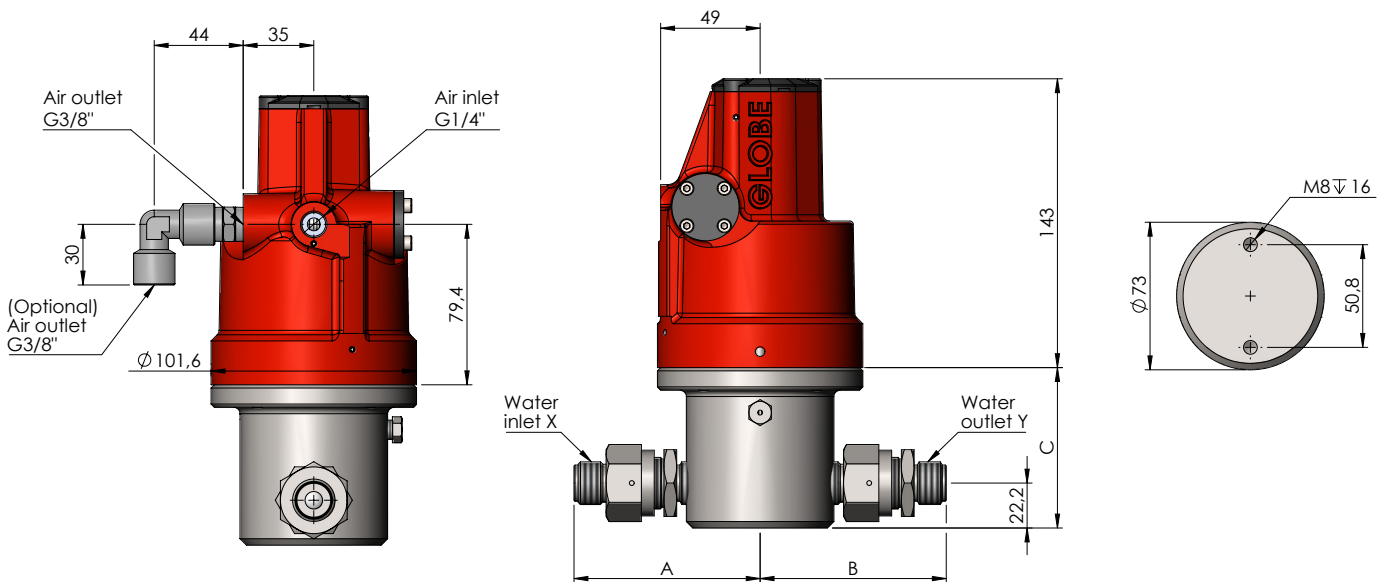
Air Operated High Pressure Pumps Up to 14,250 psi / 982 Bar

GLOBE Test Equipment is the specialist in everything that has to do with high pressure. The air driven MK-7 high pressure pumps are designed to deliver a wide range of fluids up to pressures of 982 BAR (14.250 PSI). They are suitable for pumping water, oil and a wide range of fluids with a minimum air pressure for start up up to 1 BAR. Common applications include pressure testing, general hydraulics (for instance: bolt tensioning), process industry and construction and mining.

Our Unicub high pressure pumps are commonly used with our APU High Pressure Systems. The high pressure systems consists of a high pressure pump in combination with all the necessary couplings and connections, built into a compact stainless steel frame. The system is easy to control, portable and ready for immediate use. Our systems are made in a stainless steel (inox) frame and mainly consist of stainless steel parts. This way we provide a high quality product with a long life span.

- Maintains pressure with minimal power consumption (Non-load holding).
- Usable in hazardous areas (per ATEX II 2G Ex h IIC T5 Gb X).
- Only 15 psi / 1 bar air pressure required to start pump.
- Requires flooded inlet. vertical mount.
- Can operate on gases other than air.
- Suitable for continuous and start/stop applications.
- Pumps oil, water, and other fluids.
- Stainless steel pump and check valves standard.
- Quiet operation
- Simple to install and maintain with a compact, rugged design.

Dimensions



type	RAM/ Dia.		A		B		C		Connection PUA...U		Connection PUA...U	
	(in.)	mm	(in.)	mm	(in.)	mm	(in.)	mm	Inlet	Outlet	Inlet	Outlet
PUA26U	1.25	32	3.6	92	3.6	92	3.6	90.5	1/2" BSP		1/2" NPT	
PUA70U	0.75	19										
PUA157U	0.50	12,7										
PUA275U	0.38	9,7					3.1	79.3				
PUA430U	0.31	7,9										
PUA655U	0.25	6,35	3.7	93.1	3.7	93.1						
PUA982U	0.20	5,1										

Specifications & Performance Unicub

type	Ratio	Outlet Pres.		Outlet Per Cycle		Max. Flow at 0 Pressure		Performance
		1:	PSI Bar	cu.in. ml		cu. in./min. l/min.		
PUA26U	4.3		380 26	1.680 27,5		850	13,9	
PUA70U	11.9		1010 70	0.607 9,9		305	5	
PUA157U	26.7		2280 157	0.270 4,4		146	2,4	
PUA275U	47.5		3990 275	0.151 2,5		85	1,4	



Wide product program

We are here to help you with all your questions about high pressure equipment, high pressure systems and everything that is related.



In-house engineering and production

As a team of experts with lots of experience we do not just exactly know what we sell, we can also provide customization for all our products.



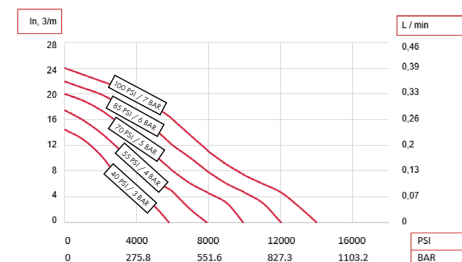
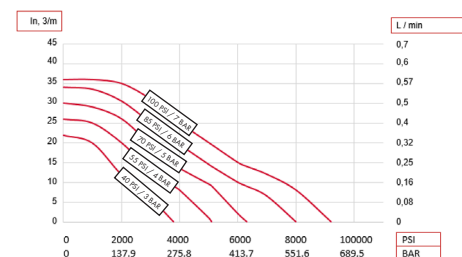
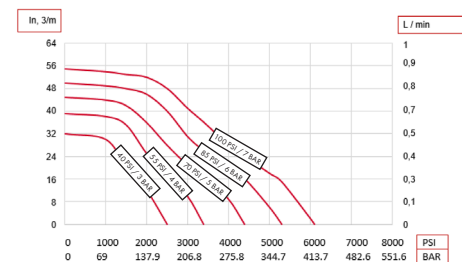
GLOBE Service

Whether you are looking for customization, high pressure couplings, maintenance of your existing system or the calibration of your pressure gauges.

We are happy to help.

Specifications & Performance Unicub

type	Ratio	Outlet Pres.		Outlet Per Cycle		Max. Flow at 0 Pressure		Performance
		1:	PSI	Bar	cu.in.	ml	cu. in./min.	
PUA430U	68.4		6230	430	0.105	1,7	55	0,9
PUA655U	107		9500	655	0.670	11	36	0,6
PUA982U	163.8		14250	982	0.044	0,7	24	0,4



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MK-7

Air Operated High Pressure Pumps

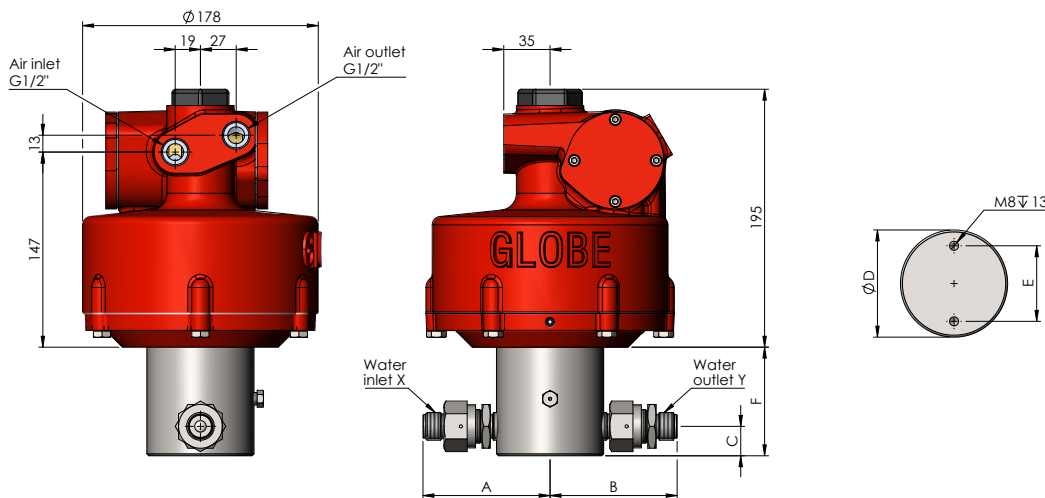
Up to 35.000 PSI / 2410 BAR

GLOBE Test Equipment is the specialist in everything that has to do with high pressure. The air driven MK-7 high pressure pumps are designed to deliver a wide range of fluids up to pressures of 2440 BAR (35.000 PSI). They are suitable for pumping water, oil and a wide range of fluids with a minimum air pressure for start up up to 1 BAR. Common applications include pressure testing, general hydraulics (for instance: bolt tensioning), process industry and construction and mining.

Our MK-7 high pressure pumps are commonly used with our APU High Pressure Systems. The high pressure systems consists of a high pressure pump in combination with all the necessary couplings and connections, built into a compact stainless steel frame. The system is easy to control, portable and ready for immediate use. Our systems are made in a stainless steel (inox) frame and mainly consist of stainless steel parts. This way we provide a high quality product with a long life span.

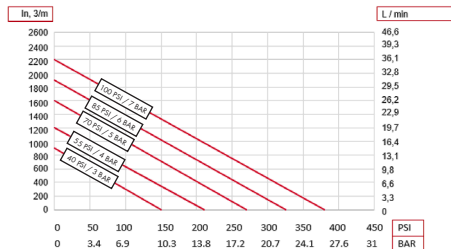
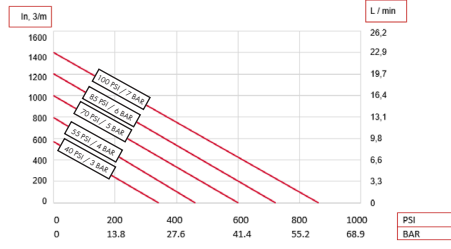
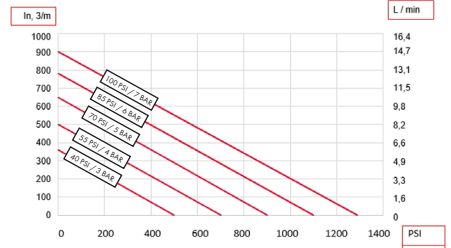
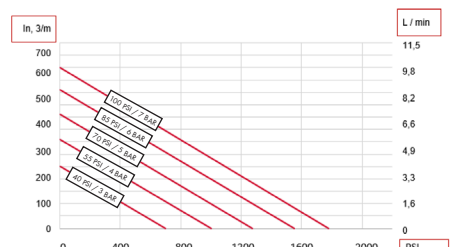
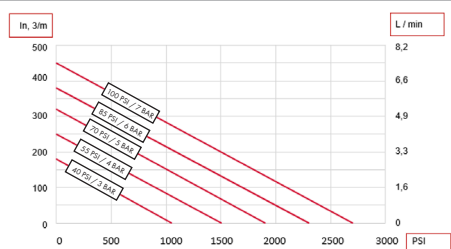

- Maintains pressure with minimal power consumption (Non-load holding).
- Usable in hazardous areas (per ATEX II 2G Ex h IIC T5 Gb X).
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- Pumps oil, water, and other fluids.
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Dimensions



type	RAM/Dia.		A		B		C		D		E		F		Connection	
	(in.)	mm	(in.)	mm	(in.)	mm	(in.)	mm	(in.)	mm	(in.)	mm	(in.)	mm	Inlet	Outlet
PMA27U	3	76.2	4.9	123.2	4.6	116.6	1.5	38.1	4	101.6	2.7	69.8	4.8	123.3	1" NPT/BSP	3/4" NPT/BSP
PMA60U	2	50.8											4.1	104.2		
PMA90U	1.63	41.4														
PMA130U	1.38	35.1	4.5	115.1	3.8	95.9	0.9	22.2	3.2	80.9	2.2	57	3.2	81.9	3/4" NPT/BSP	1/2" NPT/BSP
PMA190U	1.13	28.7														
PMA240U	1	25.4														
PMA370U	0.81	20.6	3.8	95.9	3.8	95.9	0.9	22.2	3.2	80.9	2.2	57	3.2	81.9	1/2" NPT/BSP	1/2" NPT/BSP
PMA520U	0.69	17.5														
PMA770U	0.56	14.2														
PMA980U	0.50	12.7	4.7	119.8	5.3	134.5	0.9	22.2	3.2	80.9	2.2	57	3.2	81.9	1/2" NPT/BSP	1/2" NPT/BSP
PMA1740U	0.38	9.7														
PMA2410U	0.31	7.9														3/8" HP HF6

Specifications & Performance MK-7

type	Ratio	Outlet Pres.		Outlet Per Cycle		Max. Flow at 0 Pressure		Performance
		1:	PSI	Bar	cu.in.	ml	cu. in./min.	
MK7-4/PMA27B	4	390	27	9,720	159,3	2260	37	
MK7-9/PMA60B	9	870	60	4,320	70,8	1400	22,9	
MK7-13.6/PMA90B	13,6	1300	90	2,850	46,7	915	15	
MK7-19/PMA130B	19	1880	130	2,040	33,4	670	11	
MK7-28.4/PMA190B	28,4	2750	190	1,370	22,5	455	7,5	
MK7-36/PMA240B	36	3480	240	1,080	17,7	354	5,8	

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Specifications & Performance MK-7

type	Ratio	Outlet Pres.		Outlet Per Cycle		Max. Flow at 0 Pressure		Performance
		1:	PSI	Bar	cu.in.	ml	cu. in./min.	
MK7-54.5/PMA370B	54,5	5360	370	0,710	11,6	230	3,8	
MK7-76.5/PMA520B	76,5	7540	520	0,510	8,4	170	2,8	
MK7-113/PMA770B	113	11160	770	0,340	5,6	110	1,8	
MK7-145/PMA980B	145	14210	980	0,270	4,4	91	1,5	
MK7-256/PMA1740B	256	25230	1740	0,150	2,5	51	0,8	
MK7-368/PMA2410B	368	35000	2410	0,104	1,7	35	0,6	

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