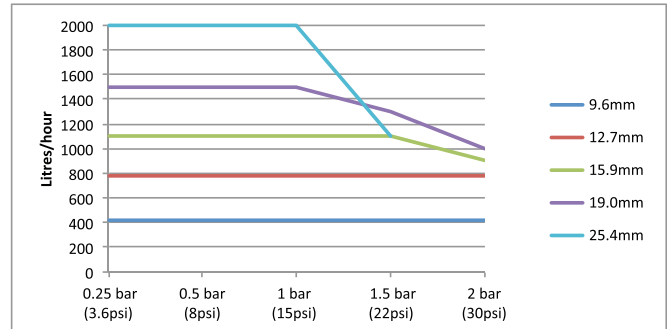
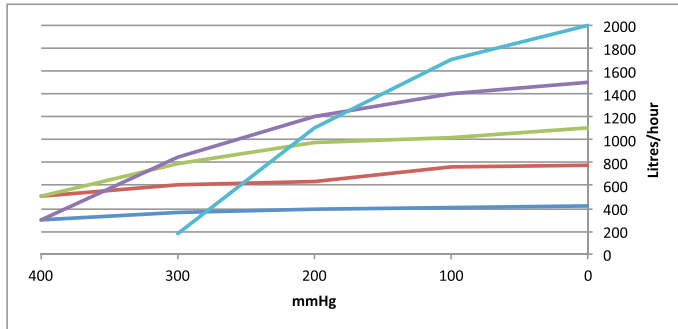


PERFORMANCE

720 cased pumps' performance limits										
Single pumphead (720R, 720RE)	0.25 bar (3.6 psi)		0.5 bar (8 psi)		1 bar (15 psi)		1.5 bar (22 psi)		2 bar (30 psi)	
	Max speed (rpm)*	Max flow	Max speed (rpm)*	Max flow	Max speed (rpm)*	Max flow	Max speed (rpm)*	Max flow	Max speed (rpm)*	Max flow
9.6mm (0.4")	360	420 l/hr (111 GPH)	360	420 l/hr (111 GPH)	360	420 l/hr (111 GPH)	360	420 l/hr (111 GPH)	360	420 l/hr (111 GPH)
12.7mm (0.5")	360	780 l/hr (206 GPH)	360	780 l/hr (206 GPH)	360	780 l/hr (206 GPH)	360	780 l/hr (206 GPH)	360	780 l/hr (206 GPH)
15.9mm (0.6")	360	1100 l/hr (291 GPH)	360	1100 l/hr (291 GPH)	360	1100 l/hr (291 GPH)	360	1100 l/hr (291 GPH)	300	900 l/hr (238 GPH)
19.0mm (0.7")	360	1500 l/hr (396 GPH)	360	1500 l/hr (396 GPH)	360	1500 l/hr (396 GPH)	300	1300 l/hr (343 GPH)	250	1000 l/hr (264 GPH)
25.4mm (1.0")	360	2000 l/hr (528 GPH)	360	2000 l/hr (528 GPH)	360	2000 l/hr (528 GPH)	200	1100 l/hr (291 GPH)		

*The maximum speed is reduced at increased discharge pressures to ensure safe running of the pump



SPECIFICATIONS

720SN, 720UN, 720DuN	
Ingress rating	IP66 / NEMA 4X
Enclosure	Watertight / dustproof
Suitability	Corrosion resistant for heavy industrial environments
Humidity	Condensing 10-100% RH
Temperature	5C to 40C (40F to 104F)
Pump weight	25kg (55lb 2oz) with 720RE, 31.5kg (69lb 7oz) with 720REX
Control ratio	3,600:1
Torque rating	Max 2.5Nm (shaft, x 4 at pumphead)
Noise	< 85dB(A) at 1m
Standard	CE, cETLus
Power supply	100-120V/200-240V 1ph 50/60Hz, 350vA

MATERIALS OF CONSTRUCTION

Component	Material
Keypad	Polyester
Switch-plate	ABS PA-765
Rear blanking plate	Stainless steel 316
Drive casework	Pressure die-cast aluminium (top - LM6, base - LM24)
Casework and pumphead coating	Alocrom pre-treatment, exterior grade polyester powder coat
Drive shaft	Stainless steel 440C
Pumphead body/ track	Aluminium
Rotor end plates	Aluminium
Rollers	MOS2 filled nylon 6 (Nylatron)
Springs/spindles	Stainless steel

ORDER INFORMATION

Product codes			
Description	Partcode	Description	Partcode
720SN/R	070.413N.000*	720R pumphead only	073.2001.000
720UN/R	070.414N.000*		
720DuN/R	070.415N.000*		
Leak detector	079.6131.E00		

* Supplied as 2.4 metre mains lead without plug. To specify an American 2.8m mains lead, please replace the last zero with the mains lead code A. For example - 070.413N.00A is a 720SN/R pump with American mains lead.

Continuous tubing					
	9.6mm	12.7mm	15.9mm	19mm	25.4mm
STA-PURE PCS	960.0096.048	960.0127.048	960.0159.048	960.0190.048	960.0254.048
Bioprene	933.0096.048	933.0127.048	933.0159.048	933.0190.048	933.0254.048
Marpene	902.0096.048	902.0127.048	902.0159.048	902.0190.048	902.0254.048
Pumpsil	913.A096.048	913.A127.048	913.A159.048	913.A190.048	913.A254.048
Neoprene	920.0096.048	920.0127.048	920.0159.048	920.0190.048	920.0254.048

All flow rates shown were obtained pumping water at 20C (68F) with zero suction and delivery heads. Watson-Marlow, Bioprene and Marprene are trademarks of Watson-Marlow Limited. Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. LoadSure is a trademark of Watson-Marlow Limited. © STA-PURE PFL and © STA-PURE PCS are registered trademarks of W.L Gore & Associates Inc. Please state the product code when ordering pumps and tubing.

**WATSON
MARLOW
Pumps**

wmftg.co.uk
info@wmftg.co.uk
+44 (0) 1326 370370