



Improving your PERFORMANCE

621P/RE4 fixed speed close coupled pump

Technical information and features

- Flow rates from 0.316 litre/min to 12.7 litre/min, pressures up to 2 bar (30psi), or 4 bar (60psi) with STA-PURE or TM Marprene/Bioprene
- Rugged pneumatic motor for hazardous industrial environments
- Compact design
- Reversible, variable speed 5:1 speed reduction
- All pumpheads have tool unlocking
- 620RE4 four-roller low pulsation pumphead with CIP/SIP rotor and guard interlock
- Rapid snap-fit tube loading, 620RE4 pumphead accepts both 12mm and 17mm industrial and sanitary LoadSure™ elements
- Two year comprehensive warranty



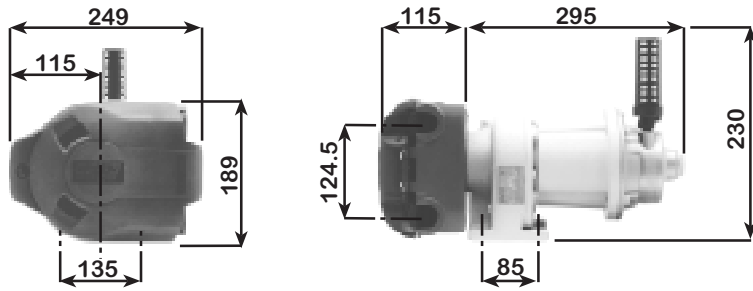
621P/RE4 (litre/min)

LoadSure™ element material	Speed range (rpm)	LoadSure™ 12mm	LoadSure™ 17mm
Marprene TM, Bioprene TM	50-251	1.58-7.91	2.06-10.3
Marprene TL, Bioprene TL	50-251	1.58-7.91	2.36-11.8
Silicone	50-251	1.65-8.26	2.13-10.7
Neoprene, STA-PURE	50-251	1.69-8.48	2.53-12.7

Note: 621P drive can also be fitted with the 625L high accuracy low pulse pumphead.

Tube life for 620RE and 620R two roller pumpheads with water @ 20C 100rpm rotor speed

Bioprene TL / Marprene TL	6000
STA-PURE	6000
Neoprene	430
Silicone	230
Butyl	100
Tygon	90
Fluorel	70



621P/RE4 fixed speed close coupled pump

Product codes		
621P/RE4 251 rpm	Drive + four roller pumphead for LoadSure™ elements	060.8252.E40
620RE4	Pumphead	063.0431.000
620RE	Pumphead	063.0231.000
620R	Pumphead	063.0211.000

LoadSure™ tube element codes for 620RE4 and 620RE pumpheads						
	12mm DIN 15	12mm Tri-clamp 3/4"	17mm DIN 15	17mm Tri-clamp 3/4"	12mm Cam and Groove 3/4"	17mm Cam and Groove 3/4"
STA-PURE	960.0120.PFD	960.0120.PFT	960.0170.PFD	960.0170.PFT	-	-
Bioprene TM	903.M120.PFD	903.M120.PFT	903.M170.PFD	903.M170.PFT	-	-
Bioprene TL	903.0120.PFD	903.0120.PFT	903.0170.PFD	903.0170.PFT	-	-
Plat. Silicone	913.0120.PFD	913.0120.PFT	913.0170.PFD	913.0170.PFT	-	-
Marprene TM	-	-	-	-	902.M120.PPC	902.M170.PPC
Marprene TL	-	-	-	-	902.0120.PPC	902.0170.PPC
Per. Silicone	-	-	-	-	910.0120.PPC	910.0170.PPC
Neoprene	-	-	-	-	920.0120.PPC	920.0170.PPC

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® STA-PURE is a registered trademark of W.L Gore & Associates Inc.

Please state the product code when ordering pumps and tubing

Specification

Weight	621P/RE4: 12.0kg
Operational temperature range	5°C to 40°C
Noise	Max <75dBA at 1m
Standards	CE, BS0800, IEC335-1, EN60529 (IP55)
Supply	7 bar filtered/lubricated air Max 7 bar (100 psi) Max 14 l/s (30 CFM)

Materials of construction

Drive:	Aluminium
Motor	Aluminium
Gearbox	Cast iron

620RE4, 620RE, 620R pumpheads

Track	Aluminium LM24M powder coated
Guard	Outer layer - Polyurethane PBA Inner shell - Grilamid TR55
Guard catch	EN34 case hardened Xlan 5200 coated
Rotor:	Fortron 1140L4 (PPS)
Hub and roller arms	Fortron 1140L4 (PPS)
Cover	Dupont Hytel G5544
Main rollers	Stainless steel 304
Main roller bearings	Carbon steel
Guide rollers	Nylatron
Tube clamp sets	Polypropylene



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