



Improving your PERFORMANCE

621F/R fixed speed close coupled pump

Technical information and features

- Flow rates from 0.92 litre/min to 15.3 litre/min, pressures up to 2 bar (30psi), or 4 bar (60psi) with STA-PURE
- Fixed speed, compact design
- Rugged IP55 AC motor for industrial environments
- All pumpheads have tool unlocking with safety interlock option
- 620R twin-roller pumphead with CIP/SIP rotor
- Rapid and simple tube loading, 620R pumphead accepts four tube bore sizes
- Two years comprehensive warranty



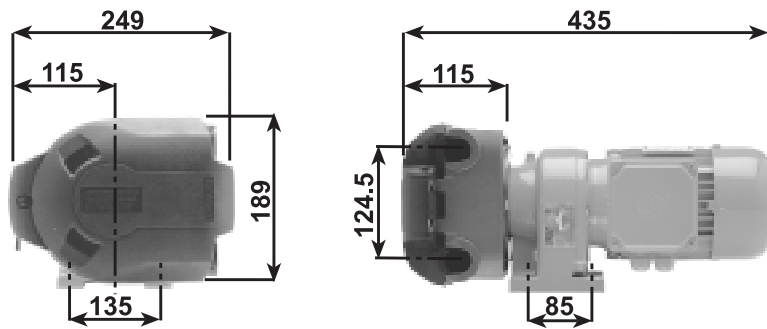
621F/R (litre/min)

Tubing material	Speed range (rpm)	6.4mm	9.6mm	12.7mm	15.9mm
Marpene, Bioprene	77 / 251	1.00 / 3.26	1.93 / 6.28	3.08 / 10.0	4.21 / 11.3
Silicone	77 / 251	0.92 / 3.01	2.08 / 6.78	3.23 / 10.5	4.74 / 14.5
Neoprene, STA-PURE	77 / 251	0.92 / 3.01	1.93 / 6.28	3.08 / 10.0	4.70 / 15.3

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

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

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



621F/R fixed speed close coupled pump

Product codes		
621F/R 77 rpm 251 rpm	Drive + two roller pumphead for 3.2mm wall tube	060.8122.020 060.8152.020
620R	Two roller pumphead for continuous tubing	063.0211.000
620RE	Two roller pumphead for LoadSure™ elements	063.0231.000
620RE4	Four roller pumphead for LoadSure™ elements	063.0431.000

Specification

Weight	621F/R: 18.5kg
Operational temperature range	5°C to 40°C
Noise	Max <75dBA at 1m
Standards	CE, BS0800, IEC335-1, EN60529 (IP55)
Supply	230/400V 3ph 50/60Hz

Materials of construction

Drive:	Aluminium
Motor	Cast iron
Gearbox	

620R, 620RE, 620RE4 pumpheads

Track	Aluminium LM24M powder coated
Guard	Outer layer - Polyurethane PBA Inner shell - Grilamid TR55
Guard catch	EN34 case hardened Xlan 5200 coated

Rotor:
Hub and roller arms Fortron 1140L4 (PPS)




Cover Dupont Hytrel G5544

Main rollers Stainless steel 304

Main roller bearings Carbon steel

Guide rollers Nylatron

Tube clamp sets Polypropylene

Tubing product codes for 620R pumphead							
 mm	 "	 #	Marprene	Bioprene	Peroxide Silicone	Platinum Silicone	STA-PURE ®
6.4	1/4	26	902.0064.032	903.0064.032	910.0064.032	913.0064.032	960.0064.032
9.6	3/8	73	902.0096.032	903.0096.032	910.0096.032	913.0096.032	960.0096.032
12.7	1/2	82	902.0127.032	903.0127.032	910.0127.032	913.0127.032	960.0127.032
15.9	5/8	184	902.0159.032	903.0159.032	910.0159.032	913.0159.032	960.0159.032
mm	"	#	Neoprene	Butyl	Tygon	Fluorel ®	
6.4	1/4	26	920.0064.032	930.0064.032	950.0064.032	970.0064.032	
9.6	3/8	73	920.0096.032	930.0096.032	950.0096.032	970.0096.032	
12.7	1/2	82	920.0127.032	930.0127.032	950.0127.032	970.0127.032	
15.9	5/8	184	920.0159.032	930.0159.032	950.0159.032	970.0159.032	

® Fluorel is a registered trademark of Dyneon LLC, a 3-M Hoechst Enterprise

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

Please state the product code when ordering pumps and tubing



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