

Quattroflow[®] QF2500

New Multiple-Use and
Single-Use Pump Size
Available



With a maximum flow rate of 2,500 lph, the new Quattroflow[®] QF2500 pumps are located between the existing QF1200 (max. 1,200 lph) and QF4400 (max. 5,000 lph) pump sizes.

The complete Quattroflow[®] pump range covers a flow capacity between 0.06 and 16,000 lph with eight pump sizes now available – the right Quattroflow pump for all applications.

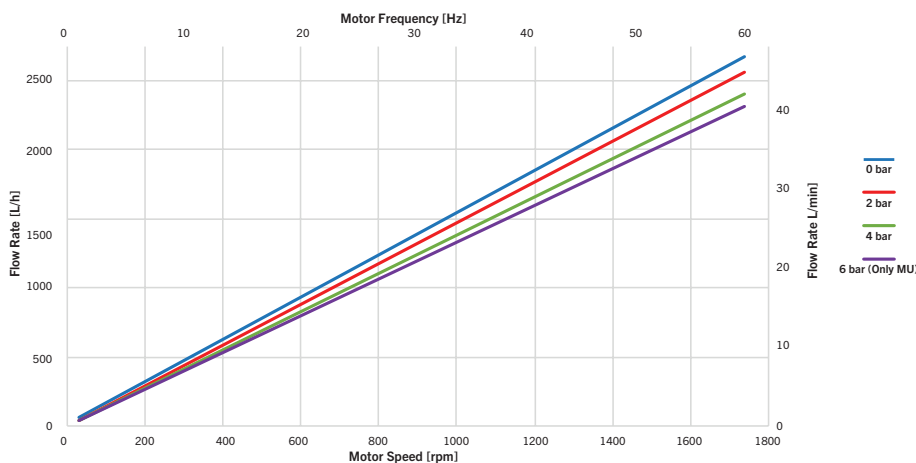
Quattroflow[®] has extended the Multiple-Use and Single-Use product lines of Quaternary (Four-Piston) Diaphragm Pumps with the new QF2500 size pumps.

FEATURES

- New pump chamber design (patent pending), available as Multiple-Use and Single-Use model
- Self-draining design
- Up to 125:1 turn-down ratio
- Linear flow performance
- 50-2,500 lph flow range, max. 4/6 bar (58/87 psi)
- High flow stability even at low flow rates
- Clean-In-Place (CIP), Steam-In-Place (SIP), autoclavable
- Available accessories: Control box, power box, diaphragm sensor, PID pressure controller
- Typical applications include: Chromatography, TFF, virus filtration, sterile filtration, depth filtration

Flow Rate Maximum:	
Eccentric Shaft 5°	2,500 lph (41 lpm)
Flow Rate Minimum:	
Eccentric Shaft 5°	50 lph (0.8 lpm)
Pressure:	
Temperature of Fluid < 40° C (104° F) MU/SU	6/4 bar (87/58 psi)
Temperature of Fluid > 40° C (104° F)	4 bar (58 psi)
Maximum Temperature:	
Fluid MU/SU	80/60°C (176/140°F)
CIP MU only	90°C (194°F)
Autoclave	130°C (260°F)
Pump Speed Range:	
rpm	30-1,750
Suction Lift Dry at Maximum Speed:	
Eccentric Shaft 5°	4 - 4.5 m (13.1-14.7 ft)
Volume Specifications:	
Approximated Volume per Revolution at Free Output	27 ml
Approximated Filling Volume Without Connectors	210 ml
Connection Specification (Standard):	
Connectors	1" TC
Position of Connectors	Front

Product Wetted Materials (Standard):	
Pump Chamber MU/SU	SS316L/PP
Valve Plate MU/SU	SS316L/PP
Diaphragms	TPE
Valves EPDM	EPDM
O-rings	EPDM
Certificates/Proofs (Optional):	
Elastomer (product wetted)	USP <88> Cl. VI; FDA21CFR177; BSE/TSE Safe
Stainless Steel Parts (product wetted)	3.1; Surface Roughness; Ferrite Content
Motor:	
Rated speed @ 50Hz	1,445 min-1
Voltage	230/400 V
Power	1.5 kW
Pump Dimension with Motor and Housing:	
Length	815 mm (32.09")
Width	215 mm (8.46")
Height	295 mm (11.61")
Pump Weight with Motor and Housing:	
MU	63 kg (139 lb.)
SU	56 kg (123 lb.)



DESIGN FOR LIFE



WARNING: The customer is solely responsible for determining the necessary or most suitable product or service for any particular use case or application. All such risks are assumed by the customer. Specifications subject to change without notice.
WARRANTY: For product warranty information, please contact: info@cpc-bio.com or +1 800-519-7633.
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