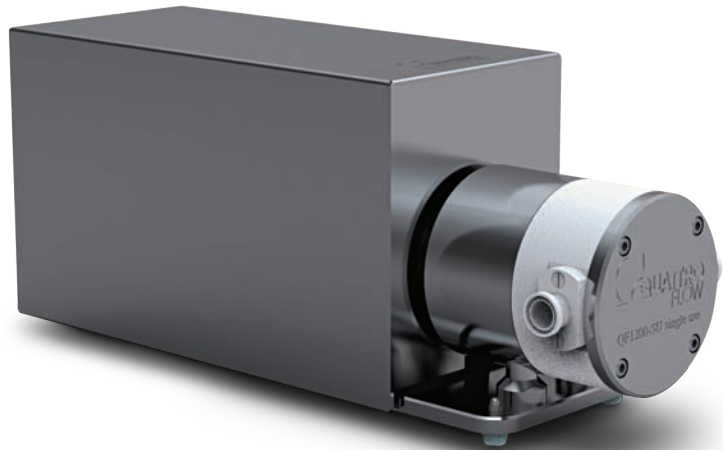


QF1200SU

Quaternary Diaphragm Pumps

Single-Use

- Disposable wetted pump chamber
- Pump chamber made of solid polypropylene
- Separate control box for manual operation available

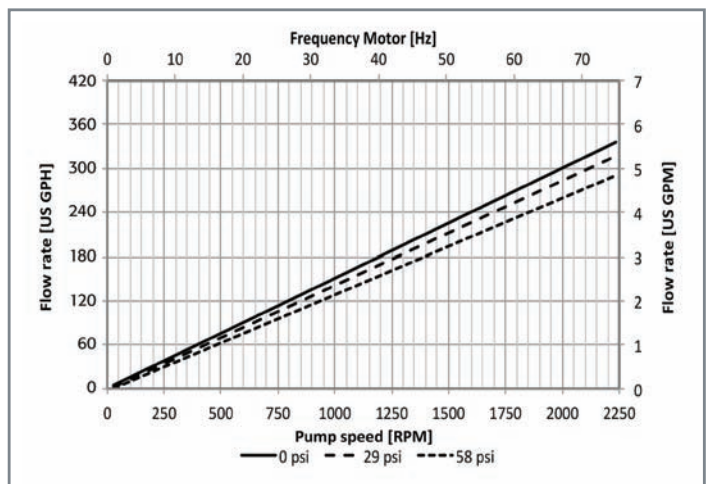
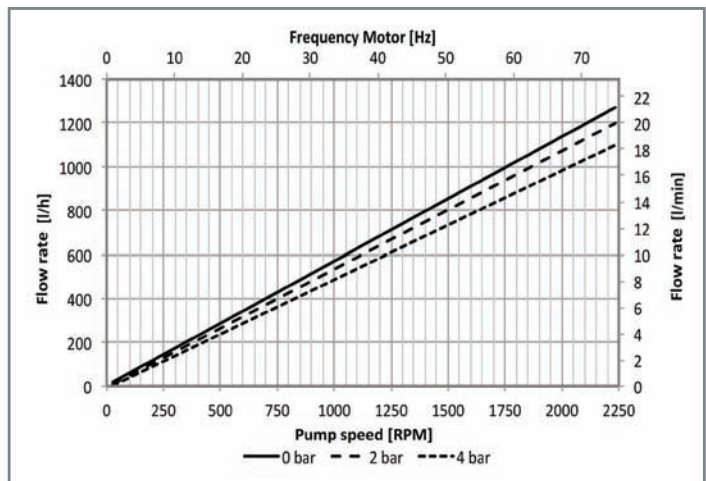


Technical Data

QF1200SU Standard Motor		
Flow Rate Maximum:	Eccentric Shaft 3°	800 lph (13.3 lpm)
	Eccentric Shaft 5°	1200 lph (20 lpm)
Flow Rate Minimum*:	Eccentric Shaft 3°	10 lph (0.167 lpm)
	Eccentric Shaft 5°	20 lph (0.333 lpm)
Pressure:	Temperature of Fluid < 40° C (104° F)	4 bar (58 psi)
	Temperature of Fluid > 40° C (104° F)	4 bar (58 psi)
Maximum Temperature:	Fluid	60° C (140° F)
	Autoclave	130° C (266° F)
Pump Speed Range:	rpm	30 - 2,400
Suction Lift Dry at 1800 rpm:	Eccentric Shaft 3°	2.5 - 3 m (8.2-9.8 ft)
	Eccentric Shaft 5°	4 - 4.5 m (13.1-14.7 ft)
Volume Specifications:	Approximated Volume per Revolution at Free Output	9.6 ml (5°) 5.8 ml (3°)
	Filling Volume Without Connectors	75 ml
Connection Specification (Standard):	Connectors	3/4" TC
	Position of Connectors	Inline
	Number of Flow Directions	4
Product Wetted Materials (Standard):	Pump Chamber	PP
	Valve Plate	PP
	Diaphragms	TPE
	Valves	EPDM
Certificates/ Proofs (Optional):	Elastomere (product wetted)	USP <88> Cl. VI; FDA21CFR177; BSE/TSE Safe; USP 87/381/661
Motor (Standard):	Rated speed	1375 min-1 (50 Hz)
	Voltage	230/400 V
	Power	0.37 kW
Pump Dimension with Motor and Housing:	Length	497 mm (19.56")
	Width	159 mm (6.26")
	Height	210 mm (8.27")
Pump Weight with Motor and Housing:		21 kg (46 lb)

Performance Charts

Eccentric Shaft: 5°



Depending on the selected motor/frequency drive combination, the motor frequency and the resulting pump speed might differ.

Other connection specifications, materials and motors available on request.
* When using pump with control box: 20 lph (0.333 lpm) and 40 lph (0.667 lpm)

Provided by: