

44Series

BENEFITS

Corrosion resistant metal
Easy to assemble
Run dry without damage
Self priming

FEATURES

Long life designed
Low vibration
Quiet and High efficient performance
Variety voltage version available

APPLICATIONS

Reverse Osmosis system
Beverage system
Domestic water system
Sparkling system

COMMON MODEL

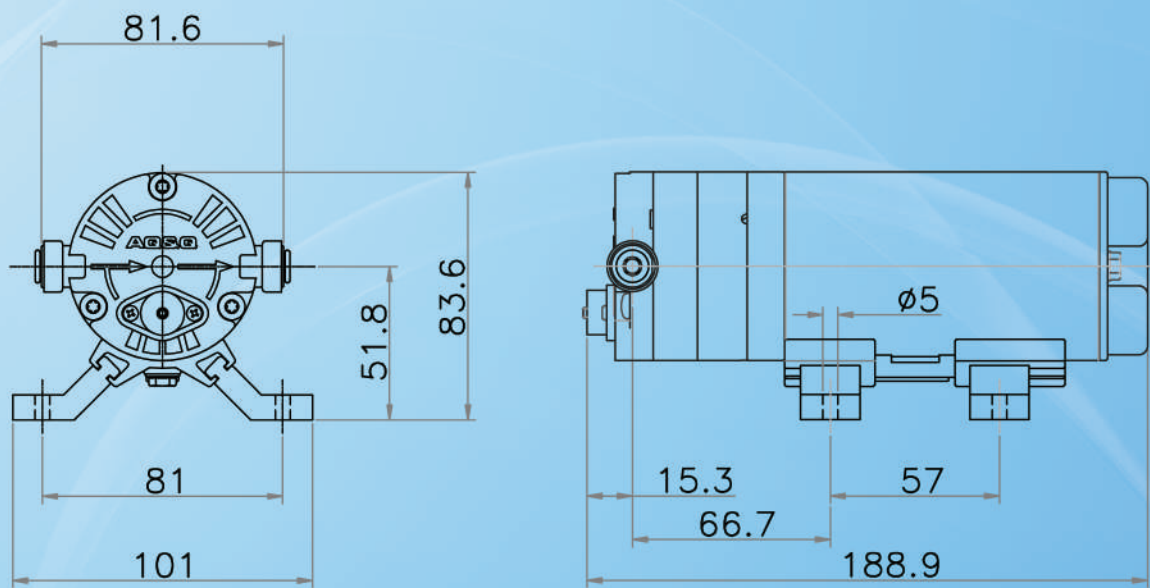
Name	Flow
S-50	50GPD
S-100	100GPD



AQQ Pumps and Accessories

<http://www.aqq.com.tw>

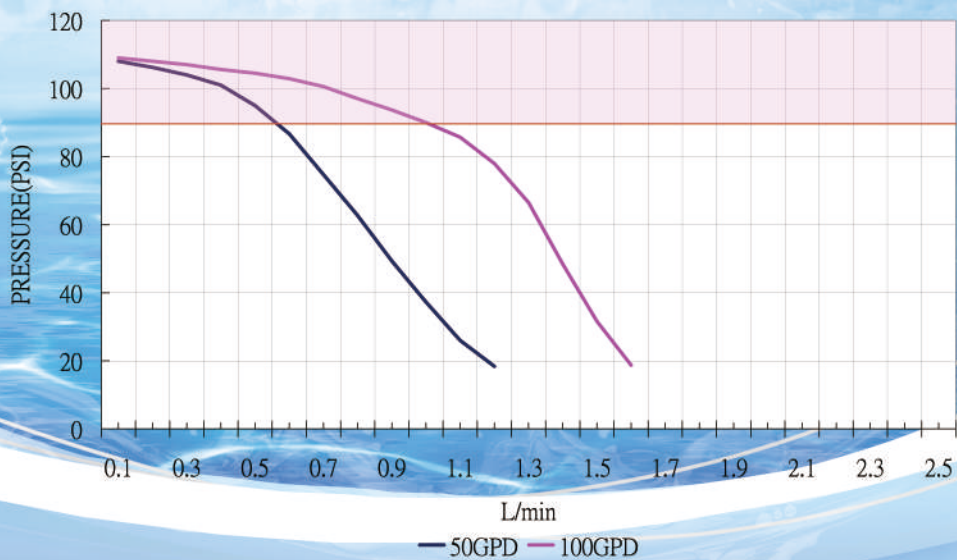
Dimension



Specifications:

⦿ Design	Positive displacement 3 chamber diaphragm pump
⦿ Motor	Permanent magnet motors. Ball bearing drive.
⦿ Voltage	24 VDC/VAC (Variety voltage available)
⦿ Ports	1/4" Quick Connect available
⦿ Material	Santoprene™ & Polyamide

Flow Curve

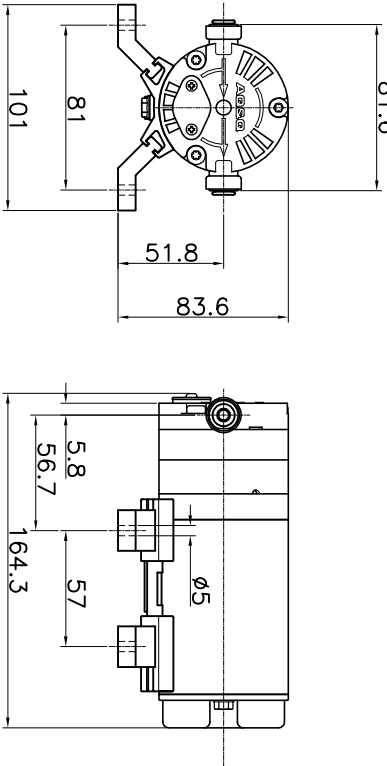


Test Condition
Inlet Pressure : 20 psi

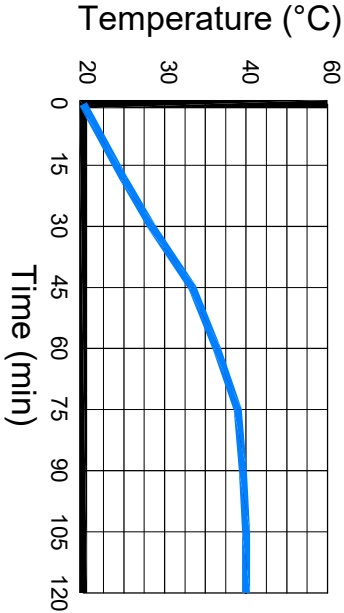
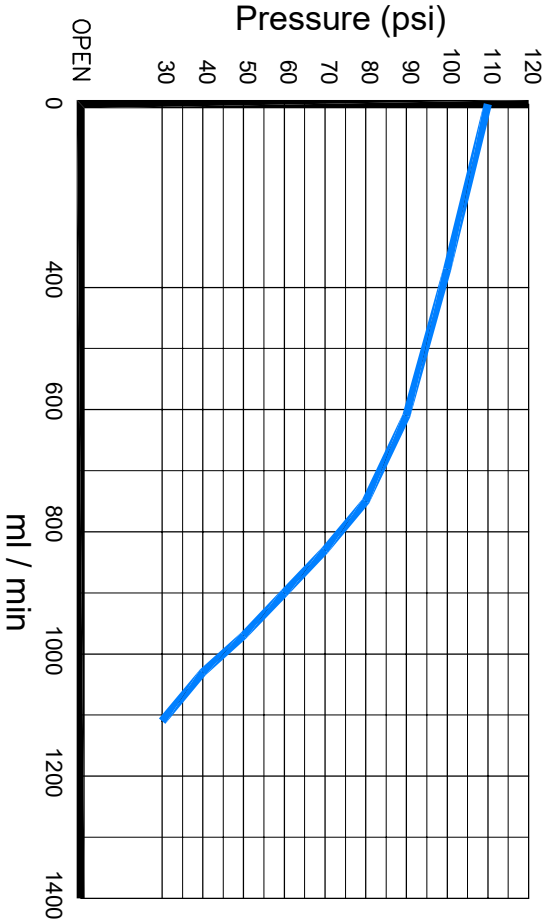
Recommendation:
For Reverse Osmosis system application, pressure shall not over 90psi.

Note:
Technical specification sheets are available for individual model numbers, AQ&Q reserves the right to update specifications, change prices, or make substitutions without prior notice.

Dimension : MM



FLOW CURVE



Specifications :

- ⦿ Design Positive displacement
3 chamber diaphragm pump
- ⦿ Motor Permanent magnet
- ⦿ Voltage 24 VDC
- ⦿ Ports 1 / 4 " Quick connect
- ⦿ Material Santoprene™ & Polyamide
- ⦿ Pressure Non-adjustable by-pass control

TEST CONDITION

1. TEST MODEL : SB-50-1024
2. PRESSURE : 20 PSI
3. VOLTAGE : 24 VDC

PRESSURE (psi)	FLOW (ml/min)	CURRENT (Amps)
BY - PASS		0.81
100	360	0.76
90	610	0.71
80	760	0.65
70	830	0.59
60	900	0.53
50	970	0.46
40	1030	0.40
30	1110	0.33
20	1200	0.26

Time (min)	Temperature (°C)
0	24.0
15	28.4
30	33.4
45	36.4
60	39.0
75	39.6
90	40.0
105	40.0
120	40.0