



# LF Plus

LOW FLOW, COMPACT BEVERAGE DISPENSE PUMPS

**The New LF Plus Compact Beverage Dispense Pumps are backed by Flojet's diaphragm pump technology, a brand enjoying over 35 years of operational excellence.**

Flojet's new LF Series compact beverage dispense pumps offer up to a 1.0 GPM (3.8 LPM) flow rate and optional industry leading switch technology, proven with over 1 million cycles. The 360° quick connect swivel ports allow for complete freedom of port orientation, a cost effective solution, minimizing the need for additional components.

These pumps are supported by Flojet's unquestionable reputation earned and proven with over 7 million Flojet diaphragm pumps in service worldwide.

## Features and Benefits

- Flow rates up to 1.0 GPM (3.8 LPM) and operating pressures up to 40 psi (2.75 bar)
- Demand (pressure switch shut-off) or non-switch models available
- Robust material selection, suitable for handling a broad range of applications
- Sealed motor and pressure switch, providing years of dependable reliability
- Flojet diaphragm pumps provide dependable run dry capabilities, extending the life of the pump
- Self priming, accommodating up to 6ft (1.8m)
- Built in thermal protector, prevents overheating to protect the pump from damage
- Quick disconnect ports allow for quick cleaning and easy hose replacement in seconds
- Low amp draw, ideal for battery powered applications



**FLOJET**  
a xylem brand

# LF PLUS LOW FLOW, COMPACT BEVERAGE DISPENSE PUMP

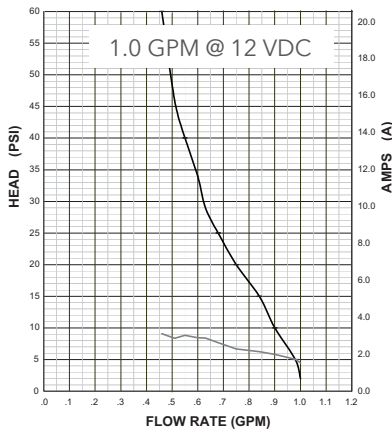
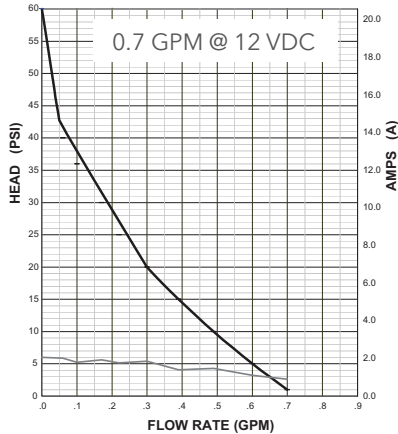
## Applications



### • Food & Beverage

- Beverage dispense
- Beverage transfer

## Head-Flow Chart



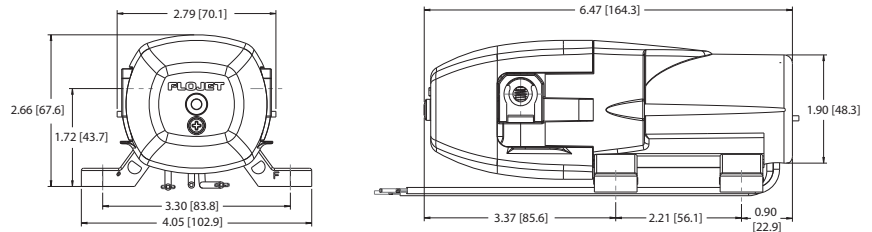
## Specifications

Pump Design	Reciprocating diaphragm
Maximum Flow Rate	1.0 GPM (3.78 LPM) @ open flow
Duty Cycle	Intermittent
Housing Material	Polypropylene
Diaphragm Elastomer	Santoprene®
Check Valve Material	EPDM
Check Valve Spring	316 Stainless steel
Port Type	Quick disconnect - 3/8 HB Straight, Celcon**
Operating Pressure	40 psi (2.75 bar) max (no pressure switch version)
Pressure Switch Setting	40 psi (2.75 bar) off / 25 psi (1.7 bar) on
Self Priming	Up to 6ft (1.8m)
Liquid Temperature	110°F (43°C) maximum
Motor Type	Permanent magnet motor
Motor Voltage	12 VDC, 24 VDC, 115 VAC
Current for 12 VDC	2.5 amps @ 25 psi (1.7 bar)
Certifications	CSA, CE*, NSF*, UL*
Weight	1.25 lbs (0.5 kg)

\*Available on certain models

\*\*Reference datasheet PN#81000-230 for additional fittings

## Dimensional Drawing



Part No.	Volts	GPM (LPM)	Pressure Switch	Switch PSI (Bar)	Diaphragm	Check Valve	Port Fitting	Certifications
RLFP222202	24	1.0 (3.78)	YES	40 (2.75)	Santoprene	EPDM	3/8 HB Straight, Celcon	CSA, CE, NSF
RLFP222002 (Available March 2012)	24	1.0 (3.78)	NO	40 (2.75)	Santoprene	EPDM	3/8 HB Straight, Celcon	CSA, CE, NSF
LFP521002 (Available March 2012)	115	0.7 (2.70)	NO	40 (2.75)	Santoprene	EPDM	3/8 HB Straight, Celcon	CSA, NSF, UL

Santoprene® is a registered trademark of Monsanto.



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