

This document provides technical information relating to this specific Flojet model. General information references and further resource locations are also included.

Flojet pumps are designed to be durable and high-performing - capable of providing years of satisfactory service in a variety of applications.

Features:

- Ultimate performance and reliability
- Stainless steel tank with replaceable bladder
- Ultra fast response
- Self-priming
- Run dry without damage

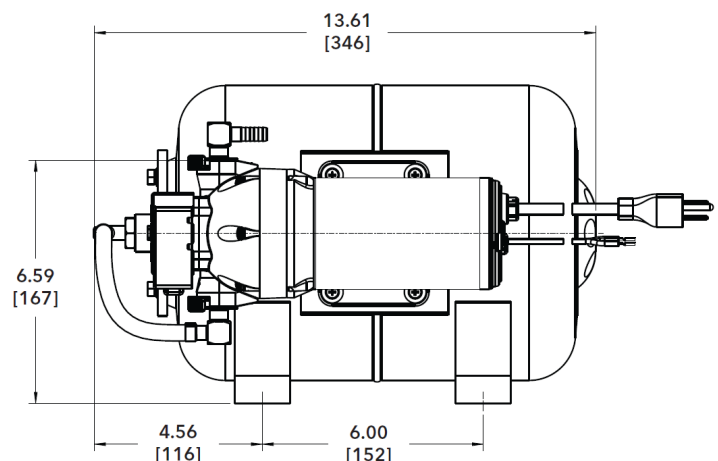
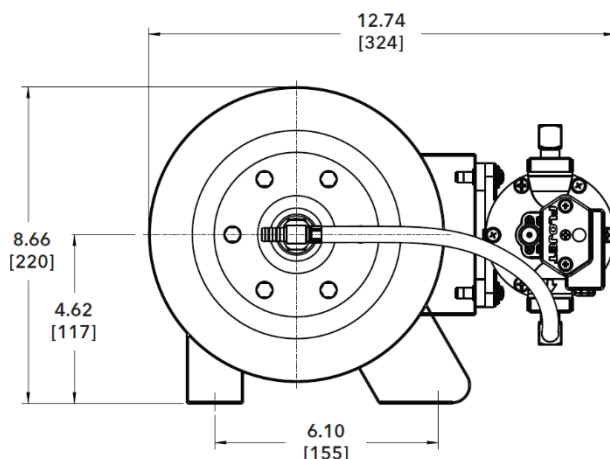
Contents:

Pump Unit:	Water Boost System 2G Tank
Port Fittings:	1 x 3/8" (9.5mm) Inlet Hosebarb 1 x 3/8" (9.5mm) Outlet Hosebarb
Strainer:	Not included
IOM:	Included (PN 81000490)
Carton type:	Brown Carton
Master pack qty:	1



Dimensional Drawing

Notes: Inches [mm]



Specifications:

General

Part Number: 028300722
Application: Water Boost System-Beverage
Design: Accumulator Tank
Quick Connect Ports
TENV Permanent Magnet Motor
Diaphragm Pump

Materials (*designates wetted path)

Upper Housing*: Glass-filled Polypropylene
Lower Housing: Glass-filled Polypropylene
Check Valve Retainer*: Polypropylene
Diaphragm*: Santoprene
Check Valves*: EPDM
Switch diaphragm*: EPDM
Bypass Diaphragm*: EPDM
PH Seals*: EPDM
PH Fasteners: Stainless Steel
Tank: Stainless Steel
Motor Casing: Metal
Tank Bladder: Chlorobutyl

Hydraulic Performance (at nominal voltage)

Open Flowrate: Refer to drawn down curves
Pressure Switch Cut-Off: 95 PSI (6.5 BAR)
Max Inlet Pressure: 30 PSI (2.1 BAR)
Fluid Temperature Range: 32°F - 140°F (0°C - 60°C)
Self-Priming Capability: Up to 8 ft (2.4 m) dry prime
Run-Dry Capable: Yes

Electrical Performance (at nominal voltage)

Nominal Voltage: 115 VAC
Max Current Draw: 0.9 Amps @ 95 PSI
Duty Cycle: Intermittent
Wire Connection: 15 AMP, 3 Prong NEMA Plug



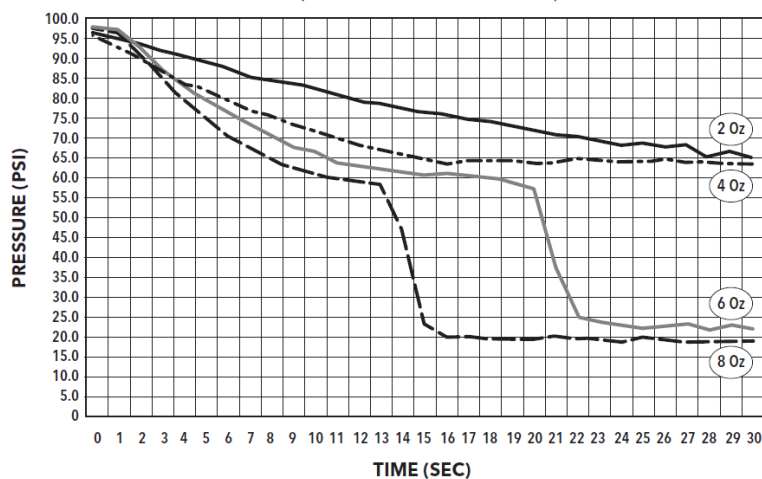
Compliance

NSF: Yes
Country of Origin: Mexico
HTS Code: 8413.50.0050

Other Information

Operating Environment: Water Boost System-Beverage
Ambient Temp Range: 32°F - 140°F (0°C - 60°C)
Carton Dimensions: 19.4x14x18" (492.7x356x457mm)
Master Pack Dimensions: N/A
Weight: 17.5 lbs (7.9 kg)
UPC Code: 705474208982

PERFORMANCE (DRAW DOWN CURVES)

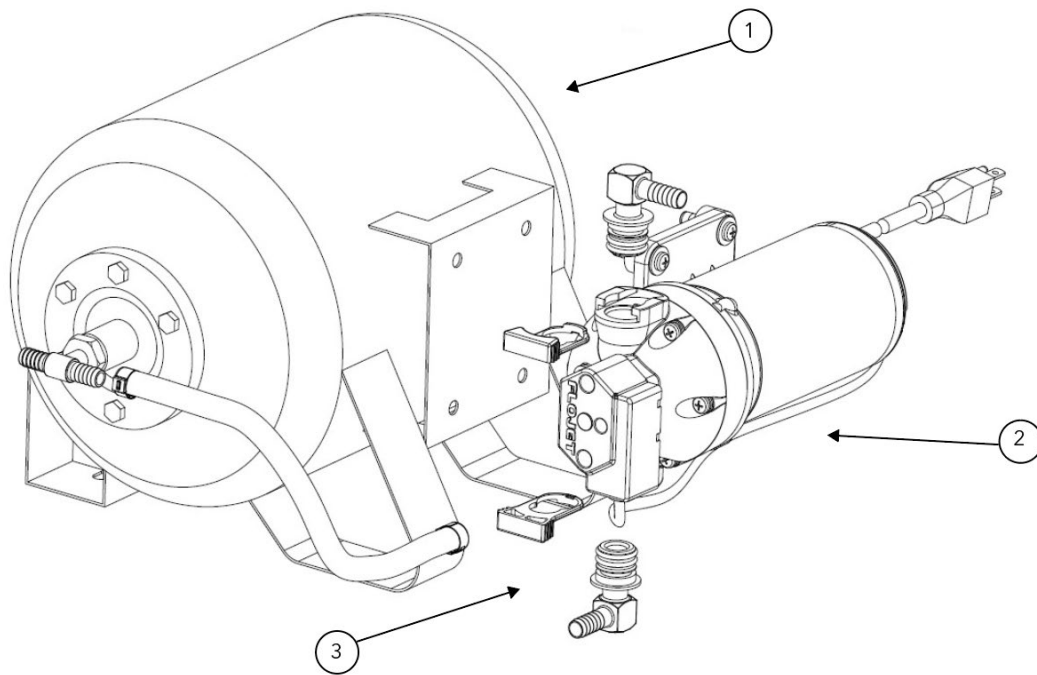


Tested with 30 psi incoming water pressure and
60 psi accumulator pre-charge pressure

Pump Service Kits & Spares:

ITEM	DESCRIPTION
1. Tank	Tank Accumulator 2 Gallons
2. Pump	Diaphragm Pump
3. Port Fittings	2 port fittings per kit

Exploded View:



Accessories (see website for further info):

Item	Kit PN	Description	Notes
In-line water pressure regulator	01752322C	INLINE WPR 30PSI 10/13mm HB ST	30PSI Regulator
	01752462C	INLINE WPR 65 PSI 3/8 HB ST SS	65PSI Regulator

Application Notes:

Beverage dispense systems, carbonators, ice machines, water dispensers, water filtration systems, non-carbonated drink dispensing valves, coffee and tea brewers.

For incoming water supply line install a 30 psi (2.1 bar) Flojet pressure regulator PN# 01752-XXXX (not included with all models). Failure to do so may void warranty.

Adjust precharge pressure on accumulator tank to label specified pressure using air or nitrogen only. Failure to do so may void warranty.

Connect inlet and outlet fittings to suitably rated hose using stainless stepless clamps.

Periodically check accumulator pre-charge and re-presurize as required to proper setting. See system label.

Available Flojet Water Boost Systems Options

In addition to the unit described in this datasheet Flojet also offers the following configurations (will vary somewhat by region and model type) and options for RV water systems:

Tank sizes 1 & 4 Gallons

Voltages:

115 VAC options

Switch Setting Range:

95 & 87 PSI shutoff (6.5 & 5.9 Bar)

Pump Configurations:

Freshwater Delivery Pumps

Installation and Operation

For guidance on proper installation and operation of this pump, as well as for any warnings or cautions involving use, please consult the appropriate IOM for the pump. Printed IOM's are supplied with the pumps and are also available online.

Resources & Contact Information

IOM: On website; hard copies with pumps

Customer Service: Refer to contact info at our website

Warranty: Information included in IOM

Website: www.xylem.com/Flojet

Note: Specifications provided for guidance only. We reserve the right to change specifications without prior notice.



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www.xylem.com/flojet

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028300722 Rev. A 08/2023