



Pulpjet Air Operated Diaphragm Pump

IDEAL FOR COMMERCIAL SMOOTHIE DISPENSING

The new Flojet Series PulpJet Air Operated Diaphragm Pump is designed for dispensing juice and smoothie mixes that contain pulp and particles.

The pump's uniquely designed, central opening check valve allows soft solids and stringy particles of at least 1/8" (3mm) to pass through without the risk of clogging, yet is still capable of high back pressures. The pump's smooth flow path is great for liquids containing pulp that would otherwise get caught on moving parts or become emulsified into the finished product, and is therefore ideal for dispensing smoothie mixes (mango, strawberry and banana), slushies, condiments, as well as acidic pizza sauce.

A built-in auto shutoff specifically tuned to highly viscous liquids, automatically turns the pump off when the bag is empty and restarts when a full bag is connected. PulpJet is part of the G Series line of Flojet beverage air operated pumps that are recognized for ultimate performance and service life.

Features and Benefits

- Enlarged diameter check valves, capable of passing pulp and particles easily
- Highest flow rate available. Capable of CO₂ inlet pressures up to 80 psi (5.5 bar)
- Ultimate performance and reliability with the patented shuttle valve
- Built-in auto shutoff, automatically shuts off pump when bag is empty and restarts when a full bag is connected
- Quiet operation with exhaust muffler
- Easy installation with all quick disconnect ports

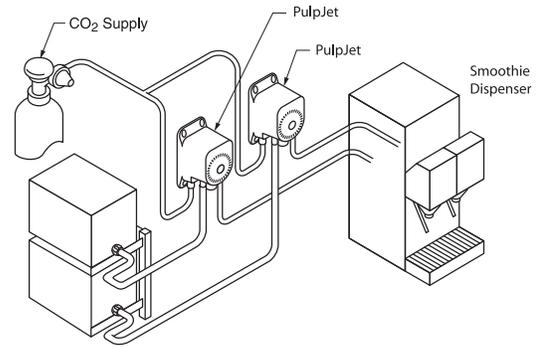


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Typical Installation

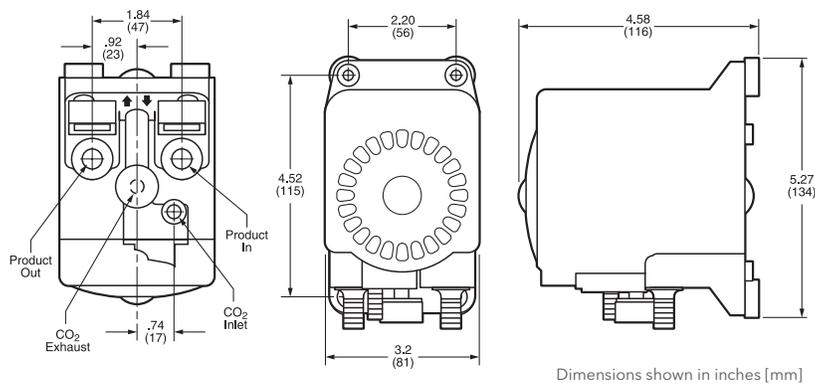
The diagram to the right shows a "typical Bag-in-Box installation" with a single bag connection.



Specifications

Pump Design	Positive Displacement, Double Diaphragm
Check Valve	Duckbill Valve Patent Pending
Power Source	CO2 Gas, Nitrogen or Compressed Dry Filtered Air
Materials of Construction (wetted parts)	Polypropylene, Santoprene®, EPDM, AISI 303 & 304 Stainless Steel
Temperature Limits	34° - 120°F (1.1° - 49°C)
Weight	1.24lbs (0.56kg)
Dimensions	5.27" H x 3.21"W x 4.58" D (133.8mm x 81.5mm x 116.3mm)
Displacement	3.2oz per cycle
Self Priming	Up to 6 ft (1.83m)
Operating Pressure	20 psi (1.4 bar) min / 80 psi (5.5 bar) max
Liquid Inlet Pressure	30 psi (2.1 bar) max
Flow Rate	6.0oz (177.4ml)/sec - Open Flow
Approvals	NSF listed, CE

Dimensional Drawings



Standard Flow Data

