T5000 Series
CO₂ OPERATED BAG-IN-BOX PUMP

FLOJET
a xylem brand
Superior performance and reliability

Flojet’s New T5000 Series air operated diaphragm pump provides superior performance and reliability for dispensing bag-in-box syrups, juice concentrate, teas, wines, and liquor.

Engineered for ultimate performance and reliability, Flojet’s T5000 Series air operated diaphragm pump provides excellent chemical resistance for a wide variety of syrups and concentrates.

Flojet’s rigorously tested, customer-inspired design features have extended the pump’s service life to 50,000 gallons (140,000 liters), up 25% over its predecessor, the N5000 Series.

Dispensing Beverages For Over 25 Years

- Flojet’s air operated pumps are serving over 2 billion fountain drinks.
- Flojet is the bag-in-box industry standard for air-operated pumps.
- Backed by the Flojet brand of air-operated diaphragm pump technology, a brand enjoying over 25 years of operational excellence.
- Providing efficient fluid handing solutions to the two largest water users in world.

Pump Features and Benefits

- Customer inspired design improvements extend the pump’s life by 25%
- New air inlet quick disconnect ports for easy CO₂ installation and servicing
- New glass filled polypropylene body material for improved resistance to harsh syrups
- Snap-on bracket allows for easier maintenance and servicing as well as simple slide mounting to BIB racks
T5000 Series
Next Generation Design Improvements

New Cutaway Features Overview

1. Quick Disconnect Exhaust Fitting
2. Improved Shaft / Slipper Seal Design
3. Designed for Use with Slide Rail Bracket
4. Material upgrade to Polypropylene
Applications

- Designed for dispensing bag-in-box syrups, juice concentrate (without pulp or particulates), teas, wines, and liquor
- Supplies the following from remote location:
  - Four (4) 3.0oz (89ml) valves or
  - Two (2) 4.5oz (133ml) valves

1 Each valve dispenses syrup at 0.50oz/sec
2 Each valve dispenses syrup at 0.75oz/sec

Typical Installation

New Model No. Replaces
T5000-130 N5000-130
T5000-140 N5000-140
T5000-515 N5000-515
T5000-135 Service Pump (w/out auto shutoff) N5000-135
T5000-153 High Altitude Pump or Installations Above 3000ft (900m) N5000-153

Note: All N5000 Series pumps have been converted to T5000 series pumps per the part number format noted above.

Specifications

Pump Design Positive Displacement, Double Diaphragm
Power Source CO₂, Gas, Nitrogen or Compressed Filtered Air
Materials of Construction (Wetted Parts) Polypropylene, Santoprene®, EPDM, 302 or 304 Stainless Steel Spring
Temperature Limits 34˚ - 120˚F (1.1˚ - 49˚C)
Weight 1.19lbs (0.54kg)
Dimensions 5.26" H x 6.18" W x 2.89" D (133.6mm x 156.8mm x 73.5mm)
Displacement: 2.5 oz per cycle
Self Priming Up to 10ft (3.05m)
Operating Pressure 20 psi (1.4 bar) min / 80 psi (5.5 bar) max
Flow Rate 4.0oz (118.3ml)/sec - Open Flow
Approvals CE, NSF Standard 18
Warranty 5 Years

Dimensional Drawing

Dimensions in inches (mm)