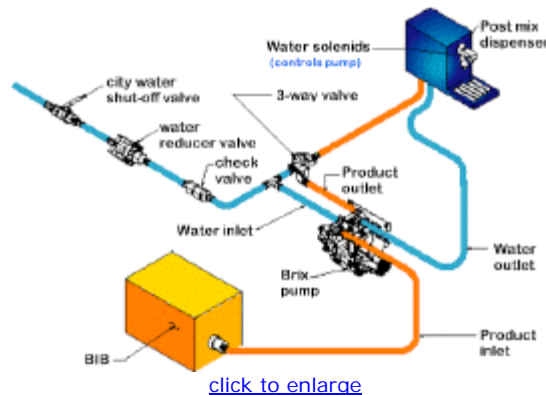


### Brix Pump



The Brix pump is a proportioning device, which pumps two liquids (e.g. water and concentrate) in an exact ratio. The particular ratio is determined by the pump design, and is thereby maintained precisely, independent of system flow or pressure changes, with no need to regularly readjust brix at the dispensing valve.

The pump operates on the source pressure of one of the proportioned liquids; typically the incoming water eliminating the need for CO2 or electric power.



The Brix pump is designed with a vacuum shut off. The vacuum shut-off will automatically stop operation of the brix pump, when the concentrate BIB container is completely evacuated, by closing off the water inlet. When a new BIB is installed, the pump will automatically resume operation without the need to prime the system.

The Brix pump is ideally suited to premium juice applications, and incorporates a valve design suitable for use with syrups containing "stringy" pulp.

The table below shows brix pump ratios currently available. The brix pump is shipped with the 3-way sanitizing valve.

Model	Ratio	Qty/Box
94-260-01	3:1 pump	8
94-260-03	4:1 pump	8
94-260-05	5:1 pump	8
94-260-06	5.3:1 pump (6:1 APR FOR FCB)	8
94-260-07	7.7:1 pump	8
94-260-17	4.2:1 pump w/o sold out feature	8
94-260-18	6:1 pump	8

Technical Specifications	
<b>Design</b>	Positive Displacement; Fix Ratio (non-adjustable)
<b>Power Source</b>	Potable Water
<b>Materials of Construction</b>	Acetal Copolymer, EPDM, Santoprene, Silicone, 316 Stainless Steel-FDA sanctioned, NSF listed
<b>Temperature Limits</b>	34-120&Mac251;F [2-45&Mac251;C]
<b>Dimensions</b>	7.6" x 5.2" x 5.7" [19.3 x 13.2 x 14.47 cm]
<b>Weight</b>	2.2 lbs. [1 kgs]
<b>Operation Pressure</b>	50 PSI. [3.4 bar] MAX. / 25 PSI. [1.7 bar] MIN.
<b>Accuracy</b>	± 3% of available ratio
<b>Sold Out</b>	Automatic B-I-B Vacuum Shut-off @ 18-22 in. Hg. [48-61 kPa]
<b>Suction Lift (Wet)</b>	25 in. Hg. [85 kPa] (minimum)
<b>Available Fittings</b>	3/8" [10mm] Barb, Plastic 90* Std. Configuration, 1/4" [6mm] , 3/8" [10mm], and 1/2" [13mm] barb, Plastic or Stainless Steel; Straight and/or 90* configurations