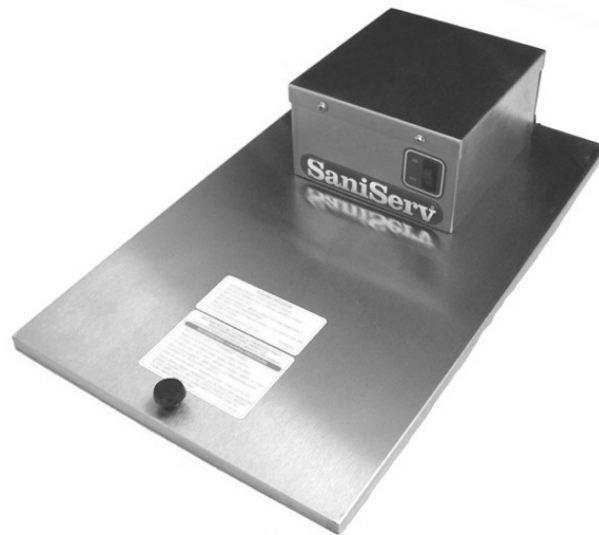


SaniServ

 An AFFINIS GROUP Company



AF-1 AUTO FILL LID Operators Manual

The AF-1 is to be used on frozen beverage machines only. It is designed to maintain optimum product level in the mix pan reservoir. It requires a remote transfer pump (not supplied). It also requires a standard 115 volt 15 amp receptacle.

Theory of operation:

Product is placed in a container in a remote area away from the machine, typically in a walk-in cooler. Product is then pumped or pressurized from the remote source directly to the AF-1 Auto Fill Lid. A product solenoid is contained within the lid and is driven by an electronic control module that senses product level through a mix level probe built into the lid (See Fig. 3). As product is dispensed from the machine the product level in the mix pan reservoir will drop. When the product level drops below the probe the product solenoid will open and the mix pan reservoir will begin to fill. Once the level of product reaches the probe, the product solenoid will close and filling will stop.

Installation:

DO NOT APPLY POWER TO THE AF-1 AT THIS TIME. THE AF-1 MUST BE UNPLUGGED. The AF-1 rests on top of the mix-pan reservoir. Flexible ¼ inch tubing should be connected from the product solenoid's ¼ inch fitting to the product source (typically in the walk in cooler). The product solenoid fitting is at the rear of the AF-1 control box and is referenced in figure # 1 and # 2. Note: Use an acceptable hose clamp to connect tubing to ¼ inch fitting. It is recommend that nylabraid or similar tubing be used. Plug the power cord into a standard 115 volt 15 amp receptacle. Note: The receptacle must have a good ground source for the AF-1 to work properly.

SaniServ does not provide the pumping source for the AF-1. There are several options when it comes to choosing the source used to pump the product to the AF-1. Typical sources are electric pumps, brix pumps, CO² driven and compressed air driven systems. Attached are diagrams to better understand these sources.

Operation:

To operate have the AF-1 resting on the mix-pan reservoir. Confirm that the dasher, seals and front plate have been properly installed in the machine. Turn the on-off switch to the on position. Product should start to flow into the mix-pan reservoir. Allow the AF-1 to fill the mix-pan reservoir complete before operating the frozen beverage machine.

Notes:

1. Follow the instructions in your frozen beverage operator's manual for proper operation, cleaning, lubing and sanitizing procedures of your frozen beverage machine.
2. If the AF-1 is removed from the mix-pan reservoir with the switch "ON", it will begin dispensing product.

Cleaning:

It is recommended once a week that the AF-1 is purged with warm water to dilute solids built up in the product solenoid due to sugar bases in the product. Depending upon the source used to pump the product to the AF-1 will determine the best way to purge. Regardless of source you will replace the product with warm water and pump it through the AF-1. At this time make sure that all product is drained from the frozen beverage machine and is in the off position. The water will begin to fill the mix-pan reservoir. Allow the warm water to fill for several minutes. Drain and discard the warm water from the machine and repeat if necessary. Repeat the process using 2-3 gallons of sanitize solution with equivalent of 100 parts per million chlorine residual or prescribed by your local health authorities. Once complete, dispense and discard sanitizer from the machine.

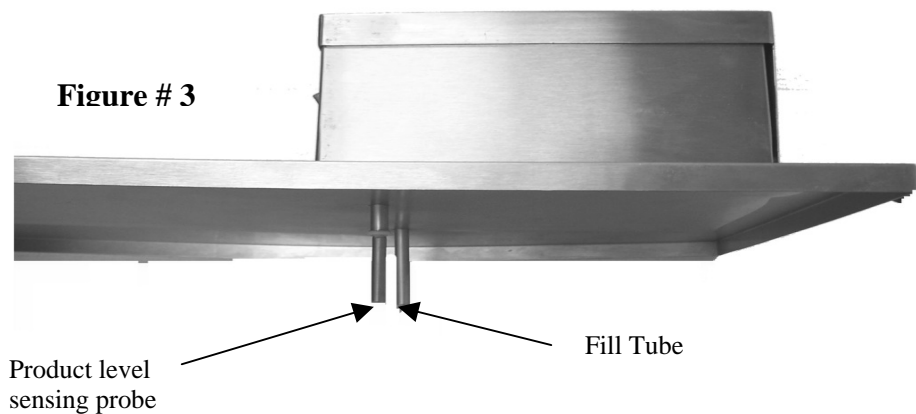
Figure # 1



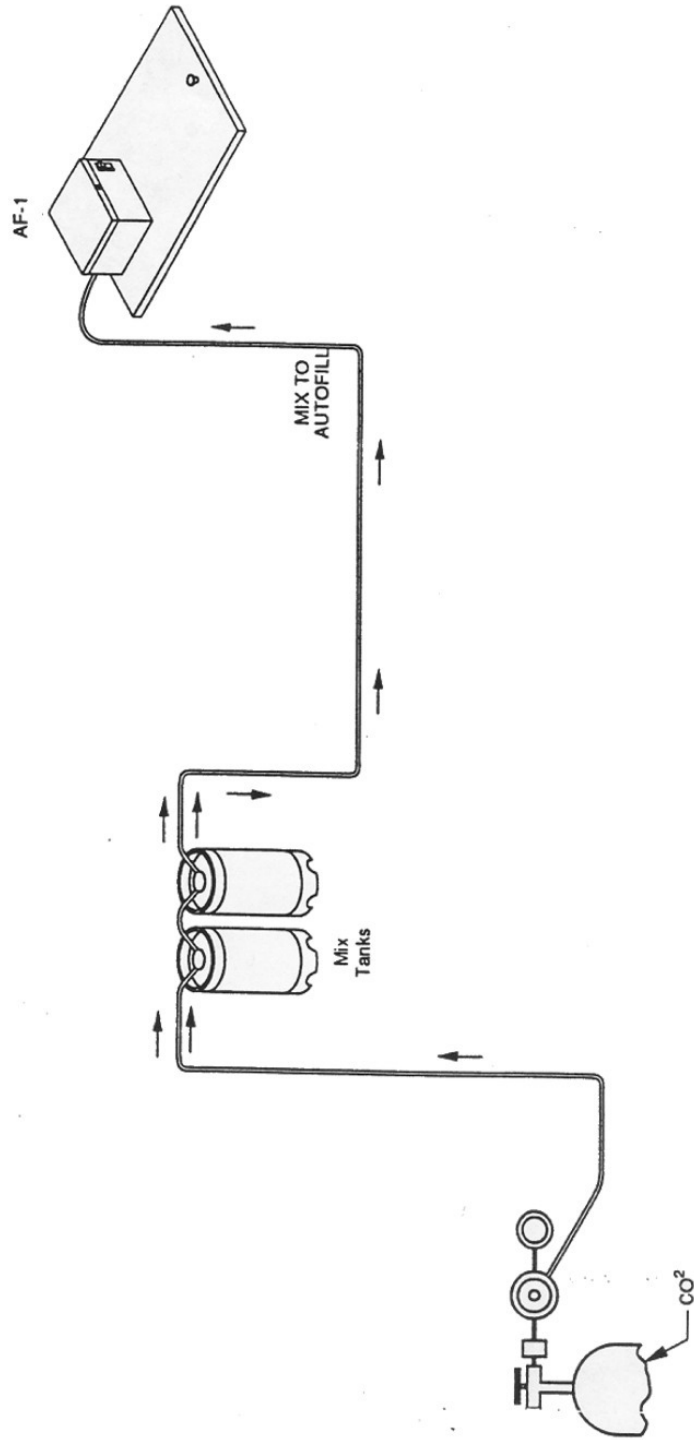
Figure # 2



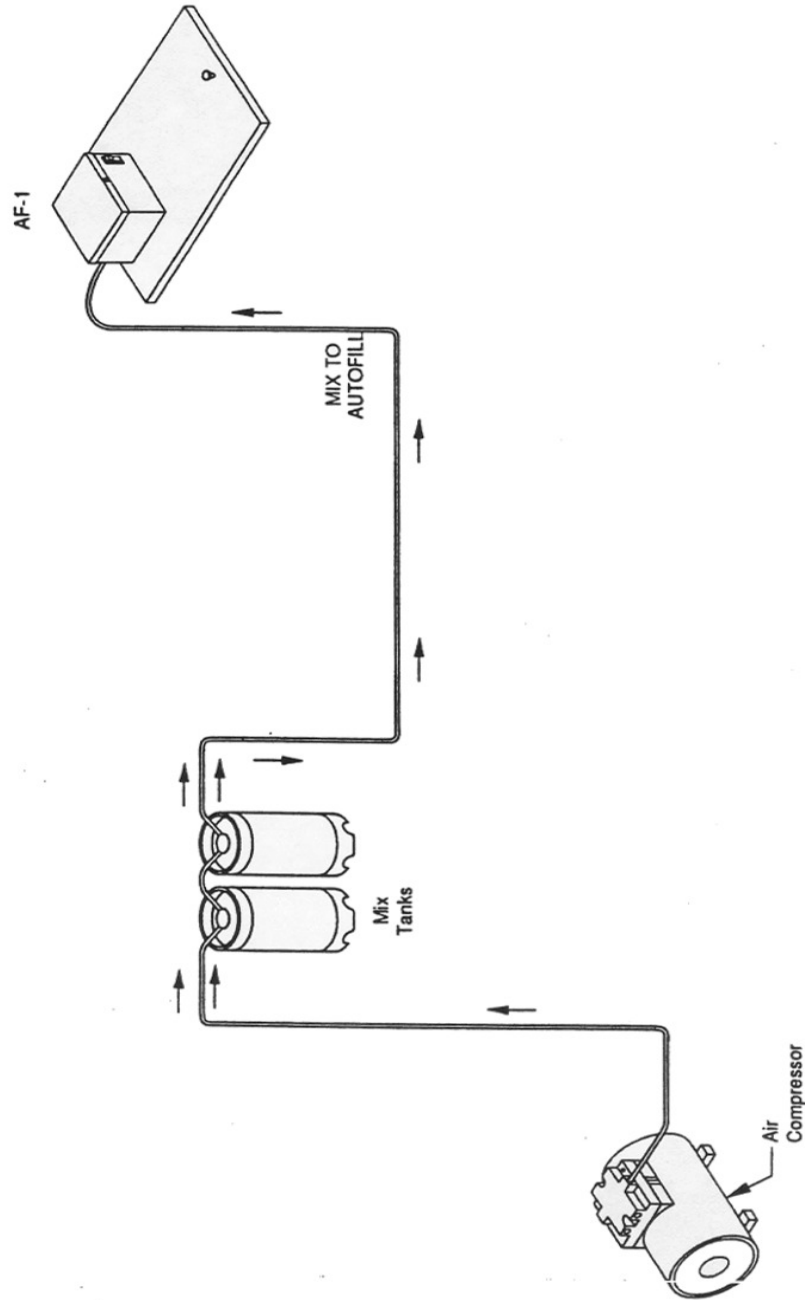
Figure # 3



**AF-1
AUTOFILL CONNECTIONS CO²/TANKS**

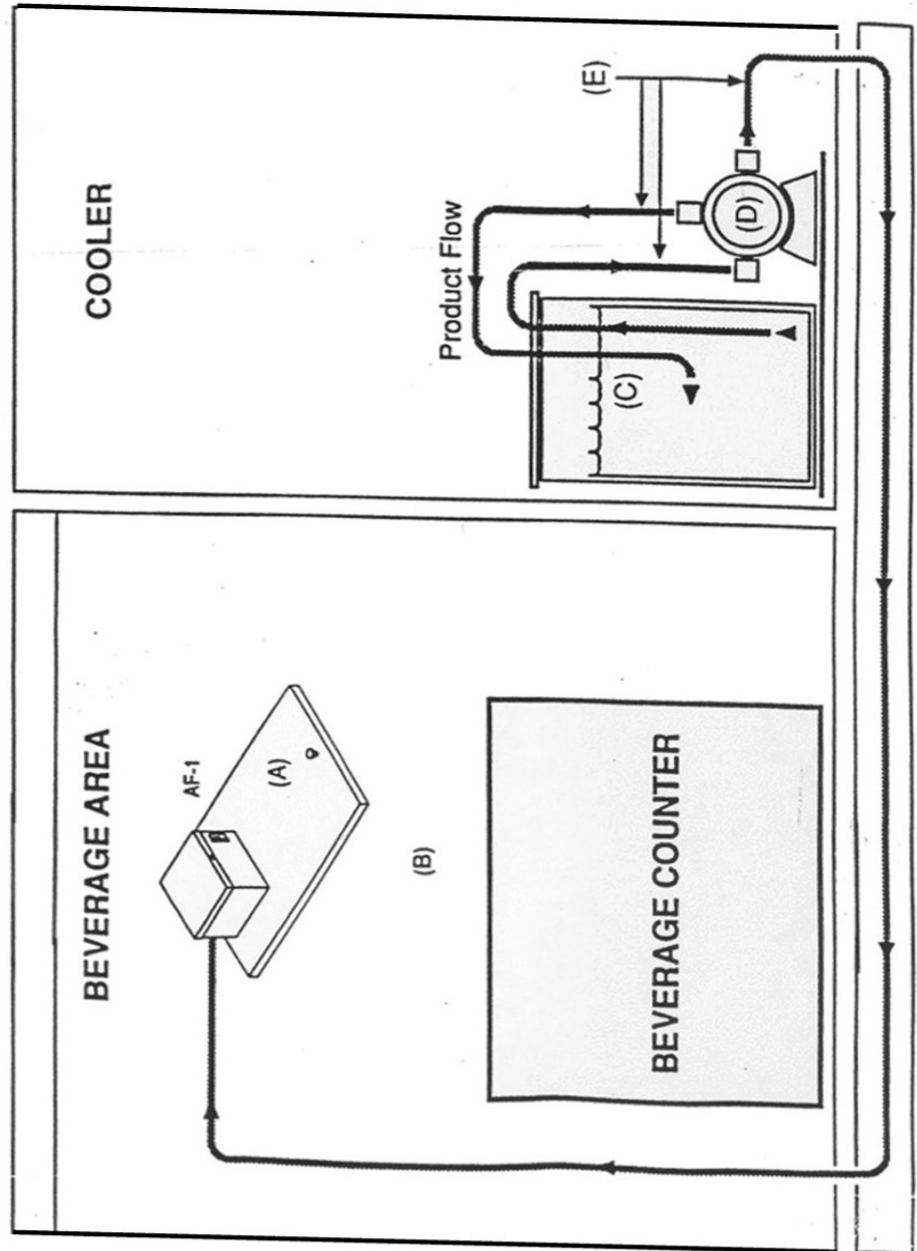


AF-1 AUTOFILL CONNECTIONS COMPRESSOR/TANKS



AF-1/RECIRCULATING PUMP FROM VAT

- (A) AF-1 AutoFill Kit (115V)
- (B) SaniServ Self-Contained FUB of choice
- (C) Vat
- (D) Recirculating Pump (115V)
- (E) 1/4" Braided tubing





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Part No. 80852