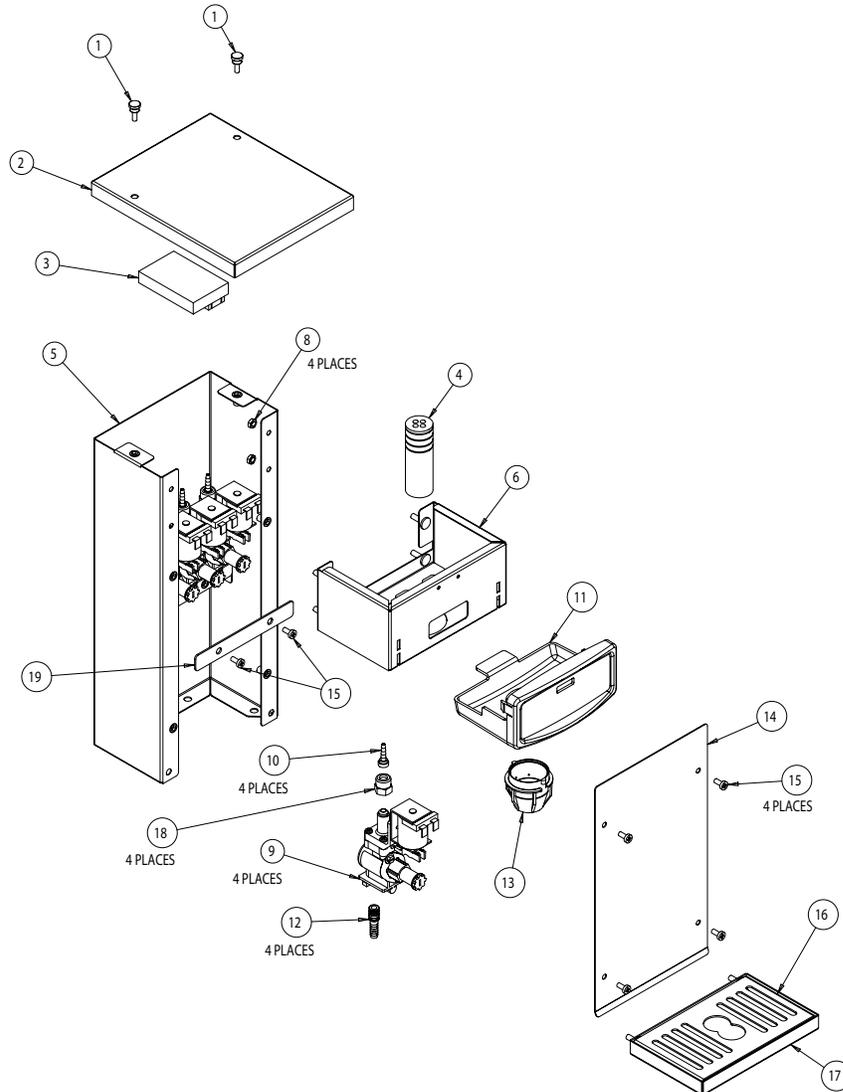


# INSTALLATION INSTRUCTIONS

## FLAVORBLAST™ TOWER KIT

### Component and Overall Assembly



Item No.	Part No.	Description
1	70188	#8-32 Knurled thumb screw
2	620520570	Tower cover
3	620314823	PC board
4	620715833	Inner nozzle
5	620053016	Tower
6	620053013	Nozzle housing
8	70015	#10-32 KEPS nut
9	2487	Solenoid
10	620718933	1/8" barb X 1/4" FPT straight fitting
11	620516527	Flavor Blast plastic housing



12	620709066	3/8" Dole X 1/4" barb straight fitting
13	1945	Outer nozzle, black
14	620053443	Tower front panel
15	70171	#8-32 X 3/8" Long truss head phillips machine screw
16	620716512	Cuprest
17	620053702	Drip tray
18	77010100	Flare nut
19	620052284	Solenoid holddown plate
-	52792	1/4" ID Red-line Plus braided tubing
-	620313280	Membrane keypad
-	620316443	Solenoid power harness
-	620318305	24V Power harness (from x-fmr to pc board)
-	630000601	115V to 24V Transformer assembly
-	770000119	1/8" ID clear tubing
-	77040700	1/4" Barb X 3/8" barb splicer
-	311908000	#11.3 Oetiker clamp
-	620313686	Keypad harness to PC board

## Troubleshooting

<p>FLAVOR SYRUPS DO NOT DISPENSE</p>	<ul style="list-style-type: none"> <li>• No 24 volt power to PC board.</li> <li>• No CO2 pressure.</li> <li>• Empty syrup tank.</li> <li>• Kinked tubing.</li> <li>• Clogged inner nozzle.</li> <li>• Defective PC board.</li> <li>• Defective harness from keypad.</li> <li>• Circuit breaker on transformer box tripped, reset transformer box circuit breaker.</li> <li>• Defective Flow control.</li> <li>• Defective solenoid harness.</li> <li>• Defective keypad.</li> </ul>
<p>FLAVOR DISPENSES FOR MORE THAN 1 SEC</p>	<ul style="list-style-type: none"> <li>• Dip switch settings on control board incorrect.</li> <li>• PC board defective.</li> <li>• Defective flow control.</li> </ul>
<p>FLAVOR DISPENSES MORE THAN .5 OZ</p>	<ul style="list-style-type: none"> <li>• Dip switch settings on control board incorrect.</li> <li>• Flow control incorrectly set.</li> <li>• PC board defective.</li> <li>• Defective flow control.</li> </ul>



## Sanitizing Procedure

### **WARNING: Disconnect Power Before Cleaning!**

- Soap solution – Use a mixture of mild detergent and warm (100°F) potable water.
- Sanitizing solution – Use ½ ounce of household bleach in 1 gallon of potable water. Preparing the sanitizing solution to this ratio, the required solution of 200 PPM will be obtained.
- Cleaning tank – Fill clean, empty tank with a mixture of mild detergent and five (5) gallons of warm potable water (120°F).

### **Sanitize Flavor Syrup Lines - B-I-B System**

1. Remove all the quick disconnects from all the B-I-B containers.
2. Fill a suitable pail or bucket with soap solution.
3. Submerge all disconnects (gas and liquid) in the soap solution and then clean them using a nylon bristle brush. Do not use a wire brush. Rinse with clean water.
4. Using a plastic pail, prepare approximately five (5) gallons of sanitizing solution.
5. Rinse the B-I-B disconnects in the sanitizing solution.
6. Sanitizing fittings must be attached to each B-I-B disconnect. If these fittings are not available, the fittings from the empty B-I-B bags can be cut from the bags and used. These fittings open the disconnect so the sanitizing solution can be drawn through the disconnect.
7. Place all the B-I-B disconnects into the pail of sanitizing solution. 'Purge' all the flavor valves until the sanitizing solution is flowing from inner nozzle. This can easily be accomplished by holding down each keypad button for at least 15 seconds. After 15 seconds the valve will go into 'purge' mode and continuously dispense for the next 60 seconds. Allow sanitizer to remain in lines for at least thirty (30) minutes.
8. Remove nozzle cover (outer nozzle) from flavor module housing. Clean in a soap solution and rinse with clean water.
9. Remove the sanitizing fittings from the B-I-B disconnects and connect the disconnects to the appropriate B-I-B container. Operate the flavor valves until all sanitizer has been flushed from the system and flavor syrup is flowing freely.

## Tower - Cleaning Exterior Surfaces

### **IMPORTANT: Perform the following daily.**

1. Remove the cup rest from drip tray.
2. Wash the drip tray with soap solution and rinse with clean water.
3. Wash the cup rest with soap solution and rinse in clean water. Install the cup rest into the drip tray.
4. Clean all exterior surfaces with soap solution and wipe down with a clean damp rag or towel.