

BULLET TOWER

24VAC / 50Hz

Installation, Operation & Service Manual

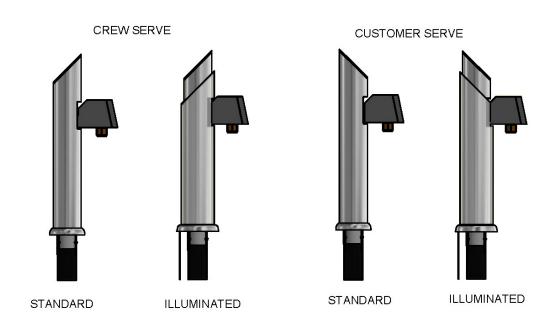






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1. Specifications and Features

1.1 Models

| <u>MODEL</u> | DESCRIPTION |
|--------------|--|
| 05000256 | Tower Bullet Customer Versapour 3 oz Push Button H-556mm |
| 05000259 | Tower Bullet Customer LEV 3 oz Push Button Candy H-556mm |
| 05000380 | Tower Bullet Crew LEV 4.5 oz Portion Control H-656mm |
| 05000385 | Tower Bullet Customer LEV 4.5 oz Push Button H-656mm |
| 05000386 | Tower Bullet Customer LEV 3 oz Lever H-556mm |
| 05000387 | Tower Bullet Customer LEV 4.5 oz Push Button H-556mm |
| 05000447 | Tower Bullet Customer Cirsapoiur 3oz Lever H-556mm |
| 05000279 | Tower Bullet Customer LEV 4.5 oz Push Button Illuminated H-656mm |
| 05000283 | Tower Bullet Crew LEV 3 oz Push Button Illuminated H-656mm |
| 05000284 | Tower Bullet Crew LEV 3 oz Portion Control Illuminated H-656mm |
| 05000360 | Tower Bullet Customer Versapour 3 oz Lever Illuminated H-656mm |
| 05000362 | Tower Bullet Customer Versapour 3 oz Push Button Illuminated H-656mm |
| 05000383 | Tower Bullet Crew LEV 4.5 oz Portion Control Illuminated H-656mm |
| | |

1.2 Product Features

The Bullet Tower is a beverage dispenser that consists of a stainless steel tube with a 24 VAC Lancer Electric Valve (LEV) and is intended for countertop installation.

The Bullet Tower is designed to be supported by a remote chiller that supplies chilled water (carbonated or plain) and a syrup pump that will supply the syrup to be mixed and dispensed in the Tower at a pre-set ratio.

1.3 Options

Height: Option A - 556mm

Option B - 656mm

Drink Flow Rate: 3.0 oz/sec (88.7 mL/sec) &

4.5 oz/sec (133 mL/sec)

Valve Type: LEV or Versapour

Lever,

Push Button Portion Control

Finish: Standard stainless steel high polish or Satin.

Various finishes and colours can be supplied upon request.

LED Lighting Option 1 – Customer Top Logo

Option 2 – Illuminate Acrylic Sleeve (Colour Changing)

Crew Serve or Customer Serve

1.4 Specifications

Voltage / Current Valves 24 VAC 50Hz / 1.25 Amps

Option 1 - LED Lights Customer Top Logo 24VAC 0.2 Amps

Option 2 - LED Lights translucent tube 24 VAC / 0.35 Amps

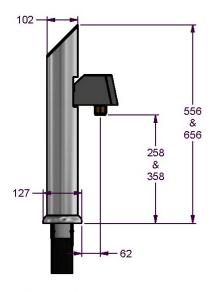
Ambient Temperature 2 - 40°C

Max Product Pressure 760 kPa (110 PSIG)



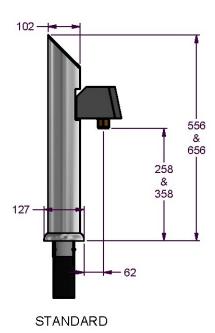
1.5 Dimensions

Crew Serve



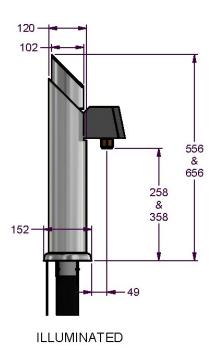
STANDARD

Customer Serve



120 102 102 556 8 656 258 8 358

ILLUMINATED



2. Tower Safety Information

2.1 Safety Instructions

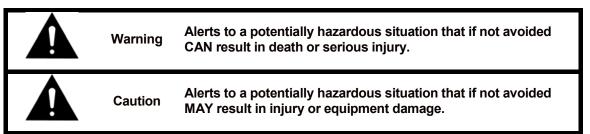
For your personal safety, and that of others working around you please read, understand, and follow thoroughly all safety instructions included in this manual.

- Review all applicable OSH (Occupational Safety & Health) regulations.
- Learn how to operate the Dispenser and use the controls properly.
- Ensure that the Dispenser is maintained according to service manual instructions.
- Do not allow any unauthorised modifications to the machine.

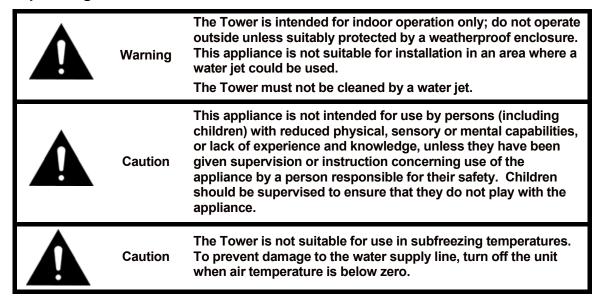


2.2 Recognise Safety Alert Symbols

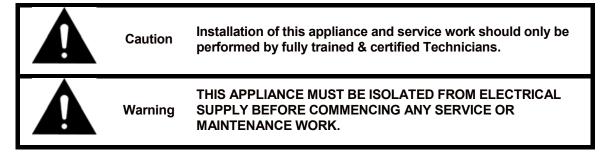
The safety alert symbol precedes Warning and Caution notes throughout this manual. To prevent personal injury or damage to the machine these alerts must be strictly adhered too.



2.3 Operating



2.4 Service & Maintenance



3. Installation

3.1 Receiving & Unpacking

Each unit is tested and thoroughly inspected before shipment. At time of shipment, the carrier accepts the unit and any claim for damage(s) must be made with the carrier. Upon receiving units from the delivering carrier, carefully inspect shipping crate for visible indication(s) of damage. If damage exists, have carrier note damage on bill of landing and file a claim with the carrier.



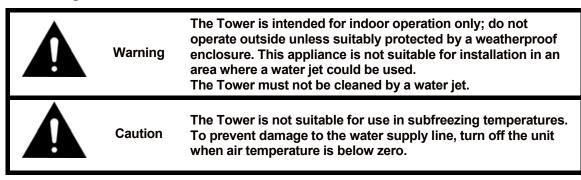
Caution

The use of gloves is recommended to protect hands from potential injury from sharp edges.



Carefully unpack the Bullet Tower from the shipping carton. Inspect unit for concealed damage and if evident, notify delivering carrier and file a claim against the carrier.

3.2 Selecting a Counter Location



Select a suitable firm, level, horizontal countertop location close to a properly grounded (earthed) electrical outlet. The location should make full use of the merchandising features of the tower to create maximum impact.

3.3 Drip Tray Installation

- This dispenser is designed to be mounted on a Drip tray on top of a counter or bar.
- Inspect the counter location where the unit is to be installed. Verify the selected counter is strong enough to safely support the weight of the installed unit, after the cut-out for the unit is made.
- Install the drip tray as per the instruction provided with the drip tray.

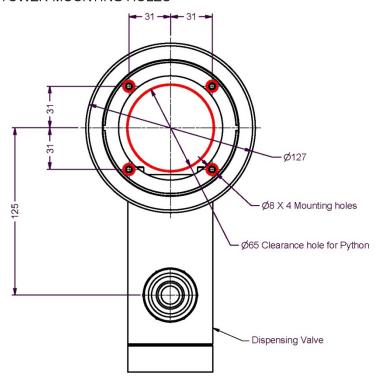
3.4 Tower Installation

- Use the mounting dimensions provided to verify the selected location; then mark the trunk hole and four mounting holes, illuminated towers require a 15mm Ø hole for LED lead.
- Cut the trunk hole 65mm Ø and drill four 8mm Ø mounting holes, and for Illuminated towers a 15mm Ø hole for LED lead.
- Holding the tower over the mounting location, feed the power wire and tubing leads through the hole, ensuring the gasket is under the base of the tower.
- IMPORTANT for illuminated towers ensure that the LED lead is inserted into the 15mm Ø hole. Seal the lead in the hole with silicon.
- Fasten the tower using the appropriate screws, nuts and washers supplied with the Tower.
- Installation should only be performed by a qualified and competent technician.

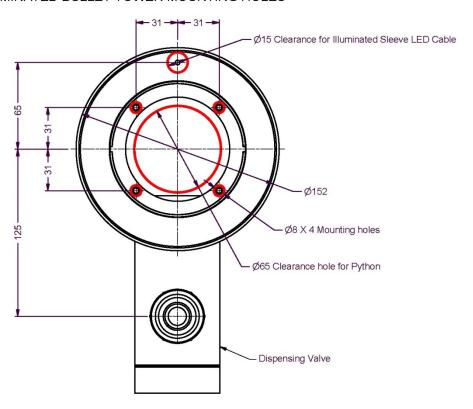


3.5 Mounting Holes

BULLET TOWER MOUNTING HOLES



ILLUMINATED BULLET TOWER MOUNTING HOLES





3.6 Connecting Syrup & Soda / Water Lines

- This dispenser is designed to be supported by a remote chiller system and connected to the cooling system via an insulated post mix Python.
- Connect the syrup; soda supply and return (or water if applicable) tube tails of the Bullet Tower to the supply lines from the Python using standard installation procedures.
- The soda (or water if applicable) supply is continuously circulated between the chiller and tower ensuring the beverage is dispensed at the required temperature.
- Use a tube cutter to cut tubing. Tubing cut with a saw will result in plastic shavings that could plug the flow controls in the dispensing valve.
- Ensure the lines from python to the Tower connections are insulated to prevent condensation.

3.7 Electrical Connections

- Connect the LEV valve and the Top Logo LED Lights electrical supply wires to the secondary output of a 24VAC transformer.
- For Illuminated Towers connect the 24VDC to 24VDC convertor wires to the secondary output of the 24VAC transformer.
- (Lancer Transformer 83000451, 240 to 24Vac 3A is sold separately and is suitable for supplying up to 3 towers).
- Plug the transformer into a 240VAC 50 Hz outlet, protected by an appropriate circuit breaker and Residual Current Device (RCD).
- Illuminated Bullet Tower colour adjustment:

The Acrylic Tube colour can be changed by the LED controller changing the colour of the LED Assembly at the base of the tower.

Point the remote control supplied at the sensor attached to the LED controller and press the required colour button on the remote.

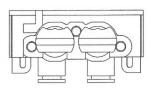
Important: Cover the sensors on any other Bullet Towers close by as the remote will affect any LED controller within its range.

| Warning | If the transformer is damaged, they must be replaced with an Australian approved SELV transformer of the same rating. Have it checked by a qualified person in order to avoid a hazard. |
|---------|---|
| Warning | To prevent possible electrical shock or extensive damage to the unit, the appliance must be supplied by SELV transformers connected to an appropriate electrical outlet socket installed in accordance with local codes and regulations i.e. AS/NZS 3000. The service of a licensed electrician may be required to ensure the installation is in accordance with the local codes and regulations. |

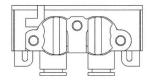


3.8 Commissioning

- Turn on the remote chiller and ensure it is operating as per manufacturer's instructions.
- Turn on the tower supply transformer.
- Ensure the chiller has made an ice-bank.
- The drink temperature should be no higher than 4.4°C (40°F) when the brix ratio is set.
- Check the system for leaks.
- Ensure the mounting block soda and syrup stems are in the OPEN position.
- Be sure the shut-off stems are fully turned to the desired position or the flow will be restricted.
- Actuate each dispensing valve to bleed air from the system until a smooth flow is obtained.



SHUTOFF CLOSED

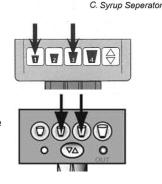


SHUTOFF OPEN

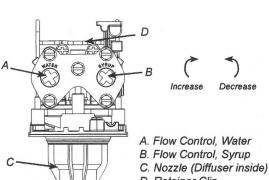
Adjusting Soda/Water Flow

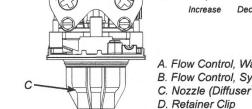
The remote cooling system should have been running for at least two hours before attempting to brix the valve. If a remote chiller is use, ensure the chiller has made an icebank. The drink temperature should be no higher than 4.4°C (40°F) when the brix is set.

- Slide up I.D. panel until flow control adjustments are exposed (see Figure 1)
- Remove nozzle by twisting counter clockwise and pulling down.
- Remove diffuser by pulling down.
- Install Lancer syrup separator (yellow) (PN 54-0031 for 3Oz valves) or Lancer syrup separator (smoke) (PN 54-0201 for 4.5Oz valves) in place of the nozzle.
- Activate dispensing valve to fill separator syrup tube.
- Hold a Lancer brix cup under the syrup separator.
- Operate the valve for 4 seconds.
- For LEV PC valves touch the medium and large cup size at the same time (for 1 second, light blinks) to dispense soda/water and syrup into the cup for 4 seconds.
- For Versapour PC valves touch the small and large cup size at the same time for 1 second, to dispense soda/water and syrup into the cup for 5 seconds.
- Divide number of ml (oz.) of soda/water in the cup by 4 (5 for Versapour PC valves) to determine water flow rate per second.
- To obtain the required flow, use a screwdriver to adjust the soda/water flow control. Adjust clockwise to increase the soda/water flow and anticlockwise to decrease the soda/water flow.



A. Nozzle B. Diffuser

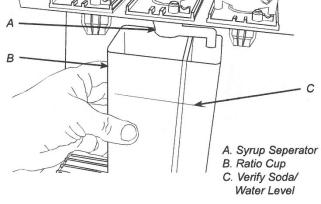






Adjusting Soda/Water to Syrup Brix (Ratio)

- Obtain a Lancer brix cup with the desired brix ratio for the syrup connected to the valve.
- Hold the Lancer brix cup under the separator and activate the valve.
- Check brix ratio, the soda/water and syrup dispensed into the brix cup should be level.
- To obtain the correct brix ratio, use a screwdriver to adjust the syrup flow control. Adjust clockwise to increase the syrup flow and anti-clockwise to decrease the syrup flow.
- Once the correct soda/water to syrup brix ratio is obtained, repeat the measurement to verify.
- Remove the syrup separator and install the diffuser and nozzle.
- Slide down I.D. panel.



3.9 LEV Portion Control Programming Procedures

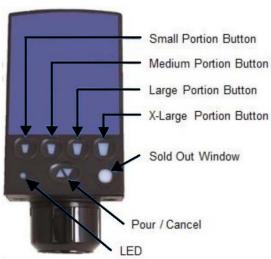
Lancer Electric Valve

The portion control has 5 actuators (selections): small; medium; large; extra-large; pour/cancel. When you touch a selection, the conductivity of your finger completes an electrical circuit activating the valve.

The control also has a lock out feature that deactivates the selection when a button is activated continuously for 15 or more seconds. When powered up, the control performs a self-test by checking each selection to ensure that a button is not activated. If a button is activated the control locks out that selection.

The Portion Control has 3 automated features: a 4 second timer for setting flow rate, no top off pour and top off pour.

LEV



Four Seconds Pour Timer:

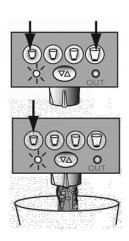
- Place ratio cup under nozzle.
- Touch medium and large cup size at the same time (for 1 second, light blinks) the valve will pour for 4 seconds.





Programming Portion Size - No Top Off

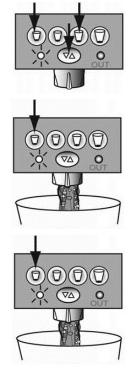
- To enter programming mode, touch small and extra-large cup size at the same time. Hold for 2 seconds until LED lights.
- To set portion, place cup under nozzle and touch corresponding portion button (e.g. Small button highlighted) until the desired liquid level is obtained.
- Repeat for other cup sizes.
- Note: If LED does out during programing all data is retained, however you must re-enter the programming mode to set any remaining sizes.
- To exit programming mode touch the Pour/Cancel button.





Programming Portion Size - Top Off

- To enter programming mode, touch small, large and pour/cancel cup size buttons at the same time. Hold for 2 seconds until LED light flashes.
- To set portion, place cup under nozzle and touch corresponding portion button (e.g. Small button highlighted) until the desired liquid level is obtained.
- Note: If LED goes out during programing all data is retained, however you must re-enter the programming mode to set any remaining sizes.
- Note: Faster blinking indicates a top off is needed. Regular blinking indicates that the next size should be entered.
- To top off, let the foam settle and then touch the size button again until the desired liquid level is obtained.
- Repeat 'B' & 'C' for other cup sizes.
- Note: There is a 10 second foam settle time limit. You must deign top off within 10 second or the program will save only the first pour and exist the programming mode.
- Note: User is unable to program another cup size until a fill, settle and top off are all recorded.
- To exit programming mode touch the Pour/Cancel button.



Notes:

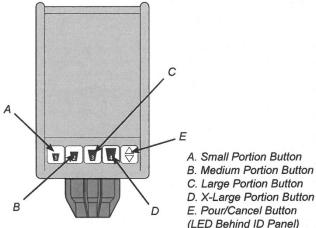
- 1. Programming data will be saved if the keypad is in the programming mode and not touched for 60 seconds.
- 2. Lock out that deactivates the selection will occur when a button is activated continuously for 15 or more seconds. Power the unit off and on to clear the lockout.
- 3. If you touch the pour/cancel button for more than 55 seconds all buttons will lock out until pour/cancel is released.



3.10 Versapour Portion Control Programming Procedures

The Portion Control Keypad for the Versapour valve operates at the touch of a finger and has 5 actuators (selections): small, medium, large, extra-large, and pour/cancel. The Portion Control Keypad has three (3) automated features: a five (5) second timer for setting the flow rate, a no top off pour feature, and a top off pour feature.

There is a timeout feature that will exit programming mode after 25.5 seconds of continuous pouring or 25.5 seconds of inactivity. If timeout occurs, all data will be retained; however, you must re-enter programming mode to set any remaining sizes.



A. Small Portion Button B. Medium Portion Button C. Large Portion Button

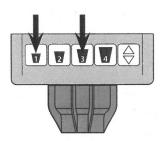
E. Pour/Cancel Button

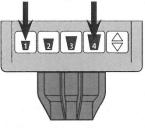
Flow Rate Setting

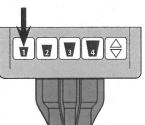
- Place a ratio cup underneath the nozzle.
- Touch the Small and Large size buttons at the same time.
- The valve will pour for five (5) seconds.
- Use the amount poured to adjust flow rate as needed, (See previous page).
- Press the pour/cancel button to stop the pour at any time.

Programming Portion Size - No Top Off

- Place a cup underneath the nozzle.
- Slide the ID Panel up on the Valve Cover to gain access to Valve LED light located on the back of the ID Panel.
- NOTE: DO NOT fully disengage the ID Panel from the Valve Cover. When programming mode is activated, the LED will start blinking.
- To enter programming mode, touch the small and extra-large sizes at the same time.
- To set the portions, touch the corresponding portion size button until the desired liquid level is obtained.
- NOTE: There is a timeout feature that will exit programming mode after 25.5 seconds of continuous pouring or 25.5 seconds of inactivity. If timeout occurs, all data will be retained; however, you must re-enter programming mode to set any remaining sizes.
- Press any of the different size buttons to save the portion data.
- To exit programming mode, touch the pour/cancel button.



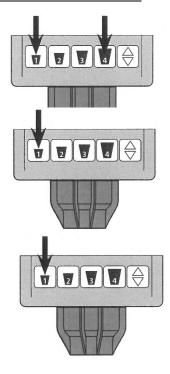






Programming Portion Size – Top Off

- Fill any cup with the appropriate amount of ice and place underneath the nozzle.
- To enter programming mode, touch the small and extra-large sizes at the same time.
- To set the portions, touch the corresponding portion size button until the desired liquid level is obtained.
- NOTE: There is a timeout feature that will exit programming mode after 25.5 seconds of continuous pouring or 25.5 seconds of inactivity. If timeout occurs, all data will be retained; however, you must re-enter programming mode to set any remaining sizes.
- To set the top off portion, let foam settle and touch the same portion button again until the cup is full.
- To exit programming mode, touch the pour/cancel button.



4. Dispenser Operation

4.1 Lever

Fill cup with appropriate amount of ice and place under nozzle.

Press cup against level to dispense beverage.

Remove cup to stop.

4.2 Push Button

Fill cup with appropriate amount of ice and place under nozzle.

Press and hold the button on the front panel to dispense beverage.

Release button to stop.

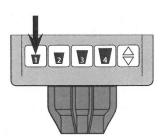
4.3 Portion control

Fill cup with appropriate amount of ice and place under nozzle.

Press the required portion size button to begin dispensing the beverage.

- 1. The required portion of beverage will pour.
- 2. Press the Pour/Cancel to stop pour prior to complete dispense.

Press and hold the pour/cancel button, beverage will continue to pour until the button is released.







5. Maintenance



Warning

Regular cleaning of the beverage system is extremely important, if this is not performed bacteria etc. will build up and quickly degrade the quality and taste of the beverage.

5.1 As Needed

 Keep exterior surfaces of dispenser (including drip tray and cup rest) clean with a damp, clean cloth.

5.2 Daily Cleaning

Dispensing nozzle and diffuser must be cleaned and sanitized daily.

- Wear sanitary gloves when cleaning and sanitizing.
- Disconnect power so the valve will not be activated during the cleaning procedure.
 Remove nozzle by twisting counter clockwise and pulling down. Wash nozzle and diffuser in cleaning solution, and then immerse them in a bath of sanitizing solution for 15 minutes.
- Visually inspect around nozzle area for syrup residue. This area may be cleaned with warm clean water and a cloth.
- Rinse and air dry the nozzle and diffuser. Ensure that cleaning solution is thoroughly rinsed from the nozzle and diffuser.
- Reinstall the diffuser and nozzle.
- Connect the electrical power, the unit is ready for operation.

5.3 Weekly

• Taste product for off taste. If off taste occurs clean and sanitize the unit using the appropriate procedures outlined in the Cleaning and Sanitizing section of this manual.

5.4 Monthly

- Clean and sanitize the unit using the appropriate procedures outlined in the Cleaning and Sanitizing section of this manual.
- Check the water level in the water bath of the remote chiller (if necessary). Replenish as required.

5.5 Every Six Months

• Clean the remote chiller as per the manufacturer's instructions (if necessary).



6. Cleaning and Sanitizing

6.1 General Information

| | Warning | The operator of the equipment must provide continuous maintenance as required by this manual and state and local health department guideline to maintain proper operation and sanitization. |
|---|---------|--|
| | Caution | Cleaning and sanitizing should be accomplished only by trained personnel. |
| A | Caution | Use sanitary gloves and wear eye protection during cleaning and sanitizing operations. Follow instruction warnings on the cleaning and sanitizing products. DO NOT use strong bleaches or detergents: these can discolour and corrode various materials. DO NOT use metal scrapers, sharp objects, steel wool, scouring pads, abrasives or solvents on the dispenser. |
| | Caution | The cleaning and sanitizing procedures below pertain to the Lancer equipment identified by this manual. If other equipment is being cleaned, follow the guidelines established for that equipment. |
| | Caution | DO NOT use a water jet to clean or sanitize the unit. DO NOT disconnect the water lines when cleaning and sanitizing syrup lines, to avoid contamination. DO NOT spill cleaning and sanitizing solution on any electrical equipment. |

6.2 Cleaning and Sanitizing Solutions

Recommended Preparation of Cleaning Solutions

- Mix a mild, non-abrasive detergent (e.g. Sodium Lauretha Sulphate, dish soap) with clean, potable water at a temperature of 32 to 45°C should be used to clean equipment. The mixture ratio is 30ml of cleanser to 7.5 litres of water. A minimum of 15 litres of cleaning solution should be prepared.
- NOTE: Extended lengths of product lines may require additional volume of solution to be prepared.
- Any equivalent cleanser may be used if it provides a caustic-based, non-perfumed, easilyrinsed mixture containing at least two (2) percent sodium hydroxide (NaOH).

Recommended Preparation of Sanitizing Solutions.

- Sanitizing solutions should be prepared per the manufacturer's written recommendations and safety guidelines. The solution must provide 100 parts per million (PPM) chlorine (e.g. Sodium Hypochlorite or bleach). Prepare a minimum of 15 litres of sanitizing solution.
- NOTE: Extended lengths of product lines may require additional volume of solution be prepared.
- Any sanitizing solution may be used if it is prepared as per the manufacturer's written recommendations and safety guidelines and provides 100 parts per million (PPM) chlorine.



6.3 Cleaning and Sanitizing Bag-In-Box (Bib) Product Lines

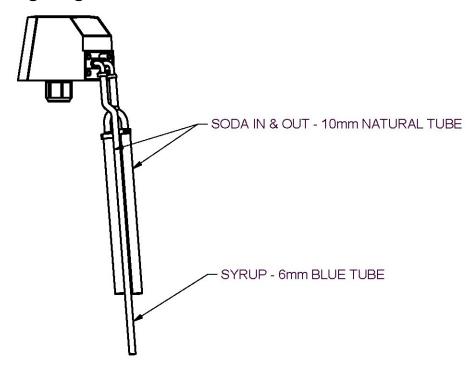
- Disconnect the syrup quick disconnect coupling from syrup package and connect coupling to a bag valve removed from an empty Bag-in-Box package.
- Place end of the syrup inlet line, with bag valve attached, into a clean container filled with warm, clean, potable water.
- Place a waste container under the dispensing tap. Activate the tap to fill the line with warm water. Flush and rinse the line and fittings for a minimum of sixty (60) seconds to remove all traces of residual product.
- NOTE: Extended lengths of product lines may require additional time for flushing and rinsing lines.
- Prepare cleaning solution as described in Section 7.2. Place the end of the syrup inlet line into a container filled with the prepared cleaning solution.
- Place waste container under the dispensing tap. Activate the tap and draw cleaning solution through lines for a minimum of sixty (60) seconds. This will ensure line is flushed and filled with cleaning solution. Allow to stand for at least ten (10) minutes.
- Place end of the syrup inlet line into a clean container filled with clean, potable water at temperature of 32 to 45°C.
- Place waste container under the dispensing Tap. Activate the tap to flush and rinse the line and fittings for a minimum of sixty (60) seconds to remove all traces of cleaning solution.
- Prepare sanitizing solution as described in Section 7.2. Place the end of the syrup inlet line into the container filled with the prepared sanitizing solution.
- Activate the tap and draw sanitizing solution through the line for a minimum of sixty (60) seconds. This will ensure the line is flushed and filled with sanitizing solution. Allow the line to stand for at least fifteen (15) minutes.
- Remove bag valve from quick disconnect coupling and reconnect syrup inlet line to the syrup package.
- Draw drinks and refill lines with end-user product to flush sanitizing solution from the line and dispenser.
- Test dispenser in the normal manner for correct operation. Taste dispensed product to ensure there is no off taste. If off-taste is found, flush syrup system again.

6.4 Cleaning and Sanitizing Nozzles and Diffusers

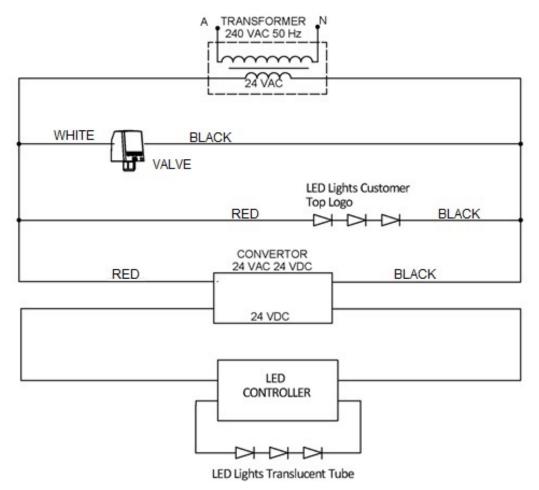
- Disconnect the power so the dispensing valve will not be activated during the cleaning procedure.
- · Remove nozzles by twisting counter clockwise and pulling down.
- · Remove the diffusers by pulling downwards.
- Wash nozzles and diffusers in cleaning solution, and then immerse them in a bath of sanitizing solution for 15 minutes.
- Let nozzles and diffusers air dry. DO NOT rinse with water after sanitizing.
- · Reinstall the diffusers and nozzles.
- · Connect power.
- Test dispenser in the normal manner for correct operation. Taste dispensed product to ensure there is no off taste. If off-taste is found, flush syrup system.



7. Plumbing Diagram



8. Electrical Circuit Diagram

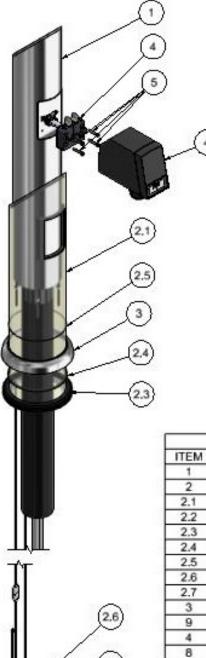




9. Assembly Diagram & Parts List

9.1 Bullet Tower Crew Illuminated Assembly.

05000283, 05000284 & 05000383



| | | P | arts List |
|------|-----|-----------------|--------------------------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | 05000282 | TOWER BULLET 24V CREW TALL |
| 2 | 1 | 83000476 | ACRYLIC LED 24V SL BULLET CREW |
| 2.1 | 1 | 83000472 | ACRYLIC LED SLEEVE |
| 2.2 | 1 | 83000472 | ACRYLIC LED SEAL |
| 2.3 | 1 | 83000494 | LED RGB ROUND ASSEMBLY |
| 2.4 | 1 | 83000476 ITEM 4 | ORING 5MM |
| 2.5 | 1 | 83000476 ITEM 5 | ORING 2MM |
| 2.6 | 1 | 83000522 | LED CONTROLLER |
| 2.7 | 1 | 83000529 | LED CONVERTER |
| 3 | 1 | 61001031 | SKIRT ILL BULLET PMIX TWR |
| 9 | 1 | 21000900 | VALVE LEV 30Z PORTION CONTROL |
| 4 | 1 | 21190114 | VALVE LEV 3 OZ PUSH BUTTON |
| 8 | 1 | 21190213 | VALVE 4,50Z PORTION CONTROL |
| 5 | 4 | 79601328 | SCREW BR M5 X 25MM CH HD SLT |



9.2 Bullet Tower Customer Illuminated Assembly

05000279, 05000360 & 05000362

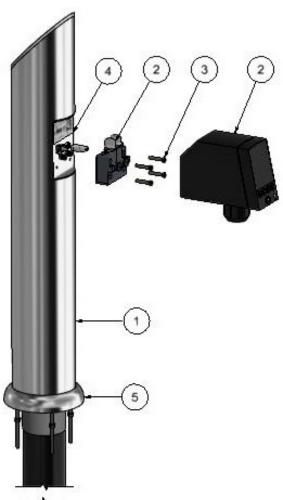


| Parts List | | | | | | |
|------------|-----|-----------------|---------------------------------|--|--|--|
| ITEM | QTY | PART NUMBER | DESCRIPTION | | | |
| 1 | 1 | 05000278 | TOWER BULLET 24V CUS TALL 4,5P | | | |
| 2 | 1 | 83000474 | ACRYLIC LED 24V SL BULLET CUST | | | |
| 2.1 | 1 | 83000448 | ACRYLIC LED SLEEVE | | | |
| 2.2 | 1 | 83000448 | ACRYLIC LED SEAL | | | |
| 2.3 | 1 | 83000494 | LED RGB ROUND ASSEMBLY | | | |
| 2.4 | 1 | 83000474 ITEM 4 | ORING 5MM | | | |
| 2.5 | 1 | 83000474 ITEM 5 | ORING 2MM | | | |
| 2,6 | 1 | 83000522 | LED CONTROLLER | | | |
| 2.7 | 1 | 83000539 | LED CONVERTER | | | |
| 3 | 1 | 61001031 | SKIRT ILL BULLET PMIX TWR | | | |
| 4 | 1 | 21000175 | VALVE VERSAPOUR 30Z LEVER | | | |
| 4 | 1 | 21000176 | VALVE VERSAPOUR 30Z PUSH BUTTON | | | |
| 4 | 1 | 21190185 | VALVE LEV 4.50Z PUSH BUTTON | | | |
| 5 | 4 | 79601328 | SCREW BR M5 X 25MM CH HD SLT | | | |



9.3 Bullet Tower Crew Standard Assembly

05000380



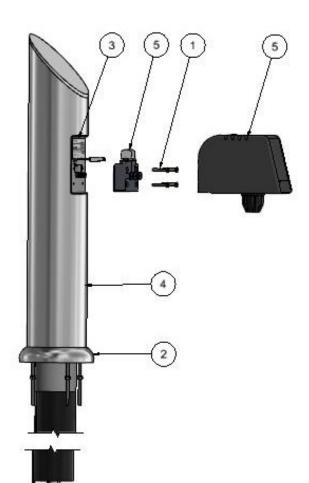


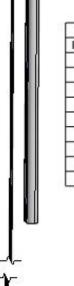
| | | F | Parts List |
|------|-----|-------------|------------------------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | 05000282 | TOWER BULLET 24V CREW TALL |
| 2 | 1 | 21190213 | VALVE LEV 4,50Z PC |
| 3 | 4 | 79601328 | SCREW BR M5 X 25MM CH HD SLT |
| 4 | 1 | 69000415 | PLAQUE BULLET TOWER V2 |
| 5 | 1 | 61000154 | SKIRT SLIMLINE PMIX TOWER |



9.4 Bullet Tower Customer Standard Assembly

 $\begin{array}{l} \text{Height } 556\text{mm} - 05000256,\, 05000259,\, 05000386 \,\,\& \,\, 05000387 \\ \text{Height } 656\text{mm} - 05000385 \end{array}$



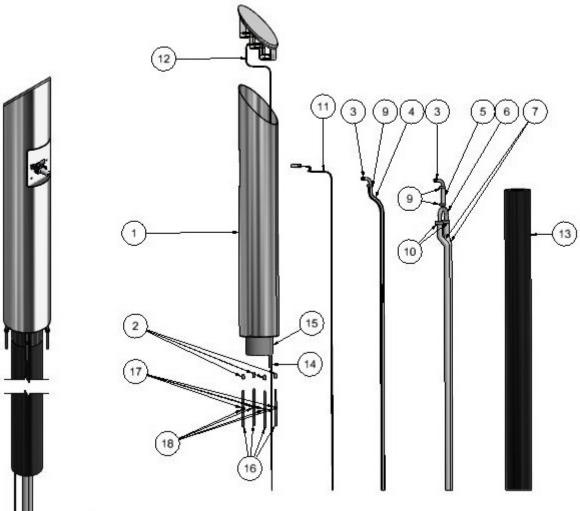


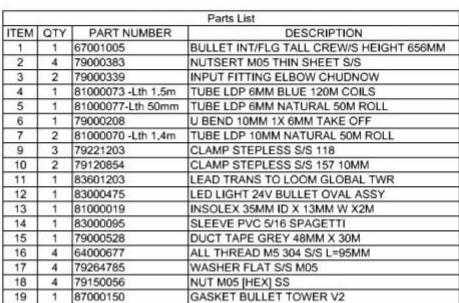
| Parts List | | | | | |
|------------|-----|-------------|------------------------------------|--|--|
| ITEM | QTY | PART NUMBER | DESCRIPTION | | |
| 1 | 4 | 79601328 | SCREW BR M5 X 25MM CH HD SLT | | |
| 2 | 1 | 61000154 | SKIRT SLIMLINE PMIX TOWER | | |
| 3 | 1 | 69000415 | PLAQUE BULLET TOWER V2 | | |
| 4 | 1 | 05000381 | TOWER BULLET CUSTOMER HEIGHT 556MM | | |
| 4 | 1 | 05000278 | TOWER BULLET CUSTOMER HEIGHT 656MM | | |
| 5 | 1 | 21000040 | VALVE LEV 3 OZ LEVER | | |
| 5 | 1 | 21000176 | VALVE VERSAPOUR 3.0 PUSH BUTTON | | |
| 5 | 1 | 21190114 | VALVE LEV 3 OZ PUSH BUTTON | | |
| 5 | 1 | 21190185 | VALVE LEV 4.50Z PUSH BUTTON | | |



9.5 Bullet Tower Crew Base Assembly

05000282

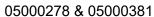


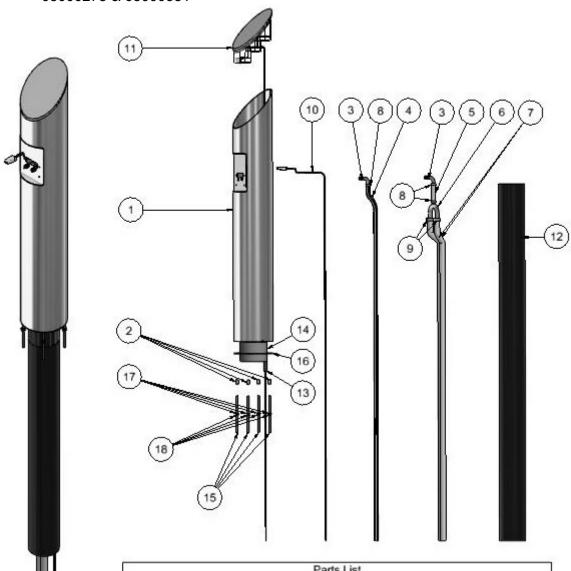






9.6 Bullet Tower Customer Base Assembly

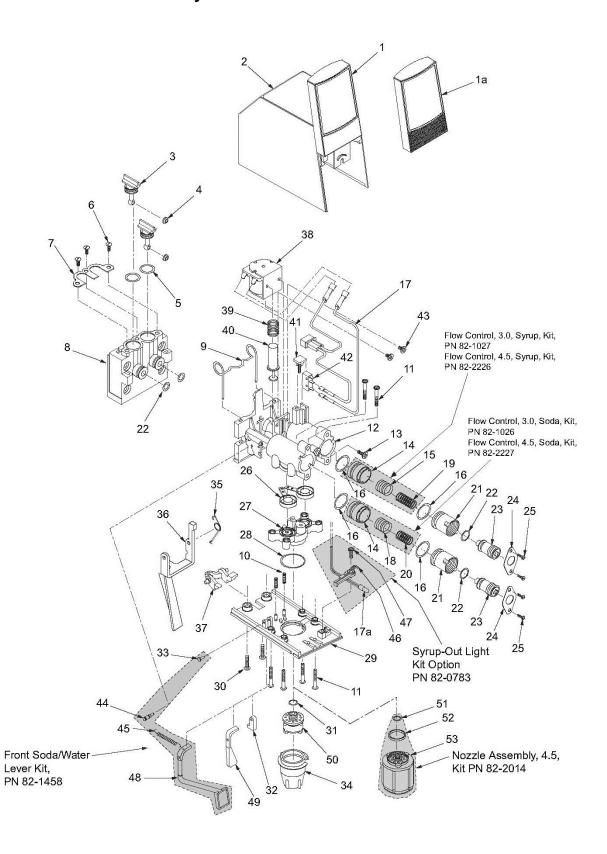




| | | F | Parts List |
|------|-----|--------------------|------------------------------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | 67001002 | BULLET INT/FLG CUST/S HEIGHT 656MM |
| 1 | 1 | 67000307 | BULLET INT/FLG CUST/S HEIGHT 556MM |
| 2 | 4 | 79000383 | NUTSERT M05 THIN SHEET S/S |
| 3 | 2 | 79000339 | INPUT FITTING ELBOW CHUDNOW |
| 4 | 1 | 81000073 -Lth 1,5m | TUBE LDP 6MM BLUE 120M COILS |
| 5 | 1 | 81000077-Lth 50mm | TUBE LDP 6MM NATURAL 50M ROLL |
| 6 | 1 | 79000208 | U BEND 10MM 1X 6MM TAKE OFF |
| 7 | 2 | 81000070 -Lth 1.4m | TUBE LDP 10MM NATURAL 50M ROLL |
| 8 | 3 | 79221203 | CLAMP STEPLESS S/S 118 |
| 9 | 2 | 79120854 | CLAMP STEPLESS S/S 157 10MM |
| 10 | 1 | 83601203 | LEAD TRANS TO LOOM GLOBAL TWR |
| 11 | 1 | 83000475 | LED LIGHT 24V BULLET OVAL ASSY |
| 12 | 1 | 81000019 | INSOLEX 35MM ID X 13MM W X2M |
| 13 | 1 | 83000095 | SLEEVE PVC 5/16 SPAGETTI |
| 14 | 1 | 79000528 | DUCT TAPE GREY 48MM X 30M |
| 15 | 4 | 64000677 | ALL THREAD M5 304 S/S L=95MM |
| 16 | 1 | 87000150 | GASKET BULLET TOWER V2 |
| 17 | 4 | 79264785 | WASHER FLAT S/S M05 |
| 18 | 4 | 79150056 | NUT M05 [HEX] SS |



9.7 LEV Lever Assembly



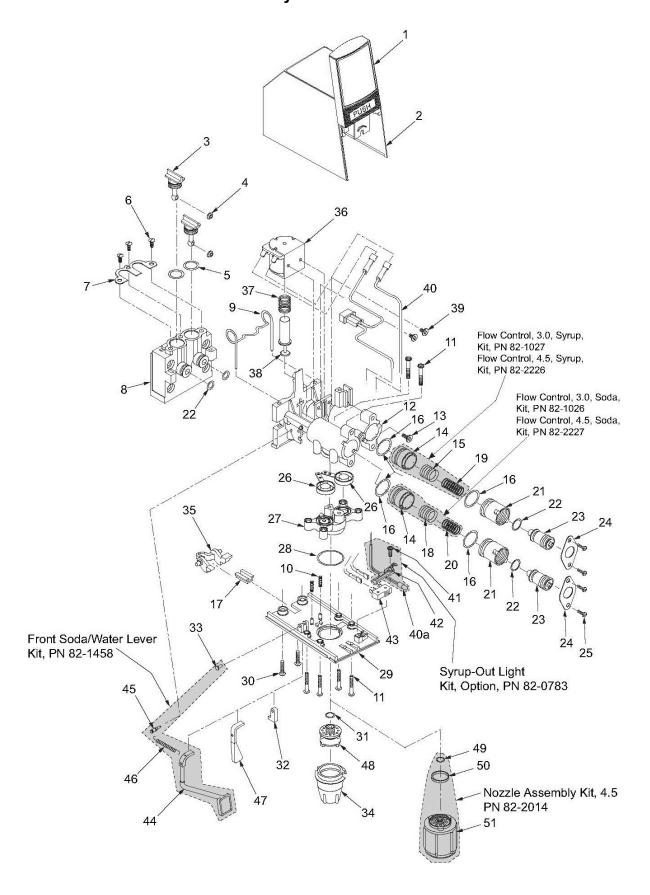


LEV Lever Assembly Continued

| <u>Item</u> | Part No. | <u>Description</u> | <u>ltem</u> | Part No. | <u>Description</u> |
|---------------|--------------------|---|-------------|----------|---|
| | | | | | ASSET 134 2-00 -000 00000 135 135 135 135 135 |
| 1 | 05-0287 | I.D. Panel | 34 | 05-0233 | Nozzle, 3.0 (Used in Valves |
| 1a | 54-0057 | I.D. Panel (Syrup-Out) | | | produced through |
| 2 | 54-0029 | Cover Sub Assy | | | September 1998) |
| 10 | 54-0030 | Cover Assy (Item No. 1-2) | 2 🖽 | 05-1463 | Nozzle, 3.0 (Used |
| | 54-0059 | Cover Assy (Item No. 1a-2) | | | in Valves produced in |
| 3 | 05-0266 | Stem, Valve, Mounting Block | | | September 1998 and later) |
| 4 | 05-0267 | Washer | 35 | 03-0081 | Lever, Spring, Electric |
| 5 | 02-0047 | O-Ring | 36 | 05-0231 | Lever, Electric |
| 6 | 04-0269 | Screw | 37 | 05-0238 | Yoke, Electric |
| 7 | 03-0087 | Retainer, Stem, Valve, | 38 | 52-0288 | Coil Assy,LEV® |
| | | Mounting Block | 39 | 03-0125 | Spring, Solenoid, LEV® |
| 8 | 05-0265 | Mounting Block | 40 | 10-0117 | Armature, LEV® |
| 5(11.00) | 82-0274 | Block Assy, Mounting | 41 | 05-0935 | Plug, Retainer, Micro-Switch |
| | | (Item No. 3-8, 22) | 42 | 26-0265 | Micro-Switch |
| 9 | 03-0233 | Retainer, Valve, 1-Piece | 43 | 04-0486 | Screw |
| 10 | 03-0143 | Spring, Pin, LEV® | 44 | 04-0724 | Pin, Stud |
| 11 | 04-0270 | Screw | 45 | 03-0238 | Spring, Front Soda/Water |
| 12 | 54-0189 | Body Assy, Upper | | | Lever |
| 13 | 04-0302 | Screw | 46 | 05-0490 | Holder |
| 14 | 81-0274 | Sleeve, Syrup/Water, 3.0 | 47 | 04-0470 | Screw |
| 5- | 81-0382 | Sleeve, Syrup/Soda, 4.5 | 48 | 09-0120 | Lever, Front, Soda/Water |
| 15 | 81-0273 | Piston, Syrup, 3.0 | 49 | 05-0274 | Lever, Soda, 3.0 |
| - | 81-0383 | Piston, Syrup, 4.5 | 50 | 54-0028 | Diffuser Assy, 3.0 (Used |
| 16 | 02-0132 | O-Ring | | | in Valves produced |
| 17 | 52-0622 | Wire Harness | | | through September 1998) |
| | 52-0902 | Wire Harness (Syrup-Out) | - | 05-1593 | Diffuser Assy, 3.0 (Used |
| 18 | 81-0275 | Piston, Soda, 3.0 | | | in Valves produced in |
| 2- | 81-0384 | Piston, Soda, 4.5 | | | September 1998 and later) |
| 19 | 03-0169 | Spring, Syrup, Flow Control, | 51 | 02-0133 | O-Ring |
| | | LEV® | 52 | 02-0421 | Seal, Nozzle, 4.5 |
| 20 | 03-0171 | Spring, Soda, Flow Control, LEV® | 53 | 54-0183 | Nozzle Assy, 4.5 |
| 21 | 05-0262 | Bonnet, Flow Control | | | |
| 22 | 02-0126 | O-Ring | | | |
| 23 | 05-1919 | Plug, Adjustment, Flow Control, White | | | |
| 1 | 82-0527/01 | Plug, Adjustment Assy, White (Item No. 16, 21-23) | | | |
| 24 | 03-0088 | Retainer, Flow Control | | | |
| 25 | 04-0267 | Screw | | | |
| 26 | 82-2929 | Arm, Paddle, Assy | | | |
| 27 | 54-0046 | Body Assy, Lower, 3.0 | | | |
| 15 | 54-0188 | Body Assy, Lower, 4.5 | | | |
| 28 | 02-0408 | O-Ring, Nozzle, Red, 3.0 (Used in Valves produced | | | |
| 00 | 05 0000 | through September 1998) | | | |
| 29 | 05-0232 | Plate, Bottom, 3.0 | | | |
| - | 05-1108 | Plate, Bottom, 4.5 | | | |
| 30 | 04-0310 | Screw | | | |
| 31 | 02-0133 | O-Ring (Used in Valves produced through | | | |
| 20 | 05 0004 | September 1998) | | | |
| 32 33 | 05-0281 04-0775 | Plug, Bottom Plate Pin, Lever, Soda | | | |
| JJ | 04-0770 | i iii, Level, Ooda | | | |



9.8 LEV Push Button Assembly



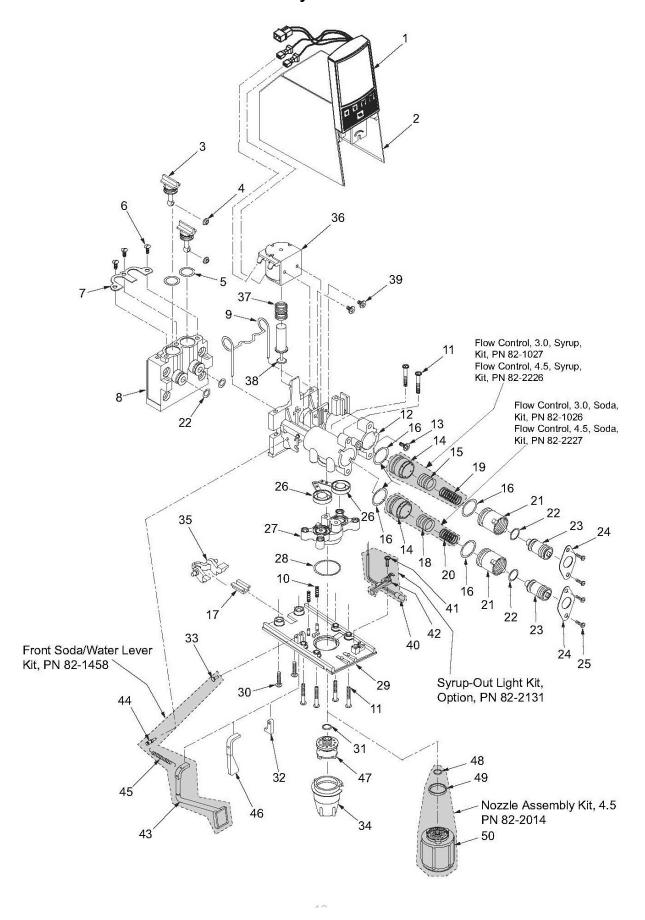


LEV Push Button Assembly Continued

| 2 54-0029 | <u>ltem</u> | Part No. | <u>Description</u> | <u>ltem</u> | Part No. | <u>Description</u> |
|--|-----------------|----------|--|-------------|----------|--|
| - 54-0139 | | | | | | |
| Clushbutton, Item No. 1-2) | 2 | | | | | |
| 3 05-0266 Stem, Valve, Mounting Block | / - | 54-0139 | | | | |
| 4 05-0267 Washer 40 52-0622 Wire Harness (Syrup-Out) 5 02-0047 O-Ring 40 52-0902 Wire Harness (Syrup-Out) 6 04-0269 Screw 41 04-0470 Screw 7 03-0087 Retainer, Stem, Valve, 42 05-0490 Holder 7 05-0490 Mounting Block 44 08-0120 Lever, Front Soda/Water 82-0274 Block Assy, Mounting 45 04-0724 Pin, Stud 19 03-0233 Retainer, Valve, 1-Piece (Item No. 3-8, 22) 46 03-0238 Spring, Front Soda/Water 10 40-0270 Screw 48 54-0028 Diffuser Assy, 30 (Used in Valves produced through September 1998) 12 04-0302 Screw 48 54-0028 Diffuser Assy, 30 (Used in Valves produced through September 1998 and later) 0-Ring 19 03-0169 Spring, Syrup, Flow Control, LEV® 20 03-0171 Spring, Soda, 4.5 Spring, Syrup, Flow Control, LEV® 20 02-0126 O-Ring Soda, Flow Control, LEV® 20 03-0170 Screw Arm, Paddle, Assy Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 4.5 O-Ring Soda Plate, Body Assy, Lower, 3.0 Plate, Body Assy, Lower, 4.5 O-Ring Soda Plate, Body Assy, Lowe | | | | | | |
| 5 02-0047 O-Ring 40a 52-0902 Wire Harness (Syrup-Out) 6 04-0269 Screw 41 04-0470 Screw 7 03-0087 Retainer, Stem, Valve, Mounting Block 42 05-0490 Holder 8 05-0265 Mounting Block 43 26-0265 Micro-Switch 8 05-0265 Block Assy, Mounting 45 04-0724 Pin, Stud 9 03-0233 Retainer, Valve, 1-Piece Lever, Font Soda/Water 10 03-0143 Spring, Prin 47 05-0274 Lever, Soda 11 04-0270 Screw 48 54-0028 Diffuser Assy, 3.0 (Used in Valves produced through September 1998) 10 03-0132 Piston, Sorda, 4.5 5 49 02-0133 O-Ring 10 03-02162 Bo | | | | | | |
| 6 04-0269 Screw 41 04-0470 Screw 7 03-0087 Retainer, Stem, Valve, 42 05-0490 Holder 8 05-0265 Mounting Block 43 26-0265 Micro-Switch 8 05-0265 Mounting Block 44 09-0120 Lever, Front Soda/Water 8 02-0274 Block Assy, Mounting (Item No. 3-8, 22) 46 03-0238 Spring, Front Soda/Water 10 03-0143 Spring, Pin 47 05-0274 Lever, Soda 11 04-0270 Screw 48 54-0028 Diffuser Assy, 3.0 (Used in Valves produced in September 1998) 15 81-0274 Sleeve, Syrup/Soda, 4.5 15 81-0273 Piston, Syrup, 3.0 - 05-1593 Diffuser Assy, 3.0 (Used in Valves produced in Valves | | | | | | |
| Retainer, Stem, Valve, Mounting Block | 5 | | | | | The state of the s |
| Mounting Block | | | | | | |
| 8 | ı | 03-0007 | Control of the contro | | | |
| Block Assy, Mounting | 8 | 05-0265 | | | | |
| (Item No. 5-8, 22) | | | | | | į. |
| 9 03-0233 Retainer, Valve, 1-Piece 10 03-0143 Spring, Pin 47 05-0274 Lever, Soda 11 04-0270 Screw 48 54-0028 Diffuser Assy, 3.0 (Used in Valves produced through September 1998) 12 54-0189 Body Assy, Upper 13 04-0302 Screw 5ryup/Soda, 4.5 14 81-0274 Sleeve, Syrup/Soda, 4.5 15 81-0273 Piston, Syrup, 3.0 16 02-0132 O-Ring 50 02-0421 Seal, Nozzle, 4.5 17 05-0491 Filler 51 54-0183 Nozzle Assy, 4.5 18 81-0275 Piston, Soda, 3.0 19 03-0169 Spring, Syrup, Flow Control Corror, LEV® 20 03-0171 Spring, Soda, Flow Control Corror, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring Flow Control 23 05-1919 Plug, Adjustment, Flow Control, White 24 03-0088 Retainer, Flow Control 25 02-0408 Retainer, Flow Control 26 82-2929 Arm, Paddle, Assy 27 54-0048 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 29 05-0232 Plate, Bottom, 3.0 29 05-0232 Plate, Bottom, 3.0 20 04-0310 Screw 31 02-0130 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0281 Plug, 3.0 (Used in Valves produced through September 1998) 35 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) 36 05-0231 Nozzle, 3.0 (Used in Valves produced through September 1998) 39 05-0232 Plate, Bottom Plate 30 04-0775 Pin, Lever, Soda 31 05-0281 Plug, Bottom Plate 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) 39 05-0232 Nozzle, 3.0 (Used in Valves produced in Valves produced through September 1998) 30 05-0231 Nozzle, 3.0 (Used in Valves produced in Valves produced through September 1998) 30 05-0232 Nozzle, 3.0 (Used in Valves produced in Valves produced through September 1998) 30 05-0233 Nozzle, 3.0 (Used in Valves produced | | 02 0211 | | | | |
| 10 30-0143 Spring, Pin | 9 | 03-0233 | | | | |
| 11 | | | | 47 | 05-0274 | Lever, Soda |
| 13 04-0302 Screw through September 1998) 14 81-0274 Sleeve, Syrup/Water, 3.0 - 05-1593 Diffuser Assy, 3.0 (Used in Valves produced in September 1998) 15 81-0373 Piston, Syrup, 3.0 - 05-1593 in Valves produced in September 1998 and later) 16 81-0273 Piston, Syrup, 4.5 49 02-0133 O-Ring 17 05-0491 Filler 50 02-0421 Seal, Nozzle, 4.5 18 81-0275 Piston, Soda, 3.0 Piston, Soda, 4.5 19 03-0169 Spring, Syrup, Flow Control, LEV® 20 03-0171 Spring, Soda, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0231 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) | 11 | 04-0270 | | 48 | 54-0028 | |
| 14 81-0274 Sleeve, Syrup/Water, 3.0 - 05-1593 Diffuser Assy, 3.0 (Used in Valves produced in Sleeve, Syrup/Soda, 4.5 Sleeve, Syrup/Soda, 4.5 September 1998 and later) 15 81-0273 Piston, Syrup, 3.0 September 1998 and later) 16 02-0132 O-Ring 50 02-0421 Seal, Nozzle, 4.5 Seal, Nozzle, Assy, 4.5 Seal, Nozzle, 3.0 Seal, 4.5 Seal, 4.5 Seal, Nozzle, 3.0 Seal, 4.5 Seal, Nozzle, 3.0 Seal, 4.5 Seal, 4.5 Seal, Nozzle, 3.0 Seal, 4.5 Seal, | | 54-0189 | Body Assy, Upper | | | in Valves produced |
| - 81-0382 Sleeve, Syrup/Soda, 4.5 in Valves produced in September 1998 and later) - 81-0383 Piston, Syrup, 4.5 49 02-0133 O-Ring - 81-0383 Piston, Syrup, 4.5 50 02-0421 Seal, Nozzle, 4.5 - 81-0384 Piston, Soda, 3.0 - 81-0384 Piston, Soda, 4.5 - 81-0275 Piston, Soda, 4.5 - 81-0384 Piston, Soda, 4.5 - 82-0520 Spring, Syrup, Flow Control, LEV® - 105-0262 Bonnet, Flow Control - 22 02-0126 O-Ring - 82-0527/01 Plug, Adjustment, Flow Control - 82-0527/01 Plug, Adjustment Assy, White - 82-0527/01 Plug, Bottom Plate - 54-0046 Body Assy, Lower, 3.0 - 05-1108 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 - 30 04-0310 Sorew - 30 | 13 | | | | | |
| 15 | 14 | | | - | 05-1593 | |
| - 81-0383 | | | | | | |
| 16 02-0132 | 15 | | The transfer of the state of th | 0.02200 | | |
| 17 05-0491 Filler 51 54-0183 Nozzle Assy, 4.5 18 81-0275 Piston, Soda, 3.0 - 81-0384 Piston, Soda, 4.5 19 03-0169 Spring, Syrup, Flow Control, LEV® 20 03-0171 Spring, Syrup, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 C-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 O2-04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) | | | | | | |
| 18 81-0275 Piston, Soda, 3.0 - 81-0384 Piston, Soda, 4.5 19 03-0169 Spring, Syrup, Flow Control, LEV® 20 03-0171 Spring, Soda, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate Plug, Bottom Plate Plug, Bottom Plate Plug, Plug, Bottom Plate Plug, Bottom Plate Plug, Bottom Plate Plug, Bo | | | | | | |
| - 81-0384 Piston, Soda, 4.5 19 03-0169 Spring, Syrup, Flow Control, LEV® 20 03-0171 Spring, Soda, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) | | | | וכ | 54-0183 | Nozzie Assy, 4.5 |
| 19 | | | | | | |
| Flow Control, LEV® 20 03-0171 Spring, Soda, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves prod | | | | | | |
| 20 03-0171 Spring, Soda, Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | 10 | 00 0 100 | | | | |
| Flow Control, LEV® 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | 20 | 03-0171 | | | | |
| 21 05-0262 Bonnet, Flow Control 22 02-0126 O-Ring 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced i | | | Flow Control, LEV® | | | |
| 23 05-1919 Plug, Adjustment, Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produce | 21 | 05-0262 | | | | |
| Flow Control, White - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced through September 1998) | 22 | 02-0126 | O-Ring | | | |
| - 82-0527/01 Plug, Adjustment Assy, White 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves | 23 | 05-1919 | | | | |
| 24 03-0088 Retainer, Flow Control 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in Valves produced in | | | | | | |
| 25 04-0267 Screw 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | | | | | | |
| 26 82-2929 Arm, Paddle, Assy 27 54-0046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valv | | | 200 | | | |
| 27 54-046 Body Assy, Lower, 3.0 - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced produced in Valves produced in Valves produced in Valves produc | | | | | | |
| - 54-0188 Body Assy, Lower, 4.5 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in Valves produced in | | | | | | |
| 28 02-0408 O-Ring, Nozzle, Red, 3.0 (Used in Valves produced through September 1998) 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in Valves produced in | | | | | | |
| (Used in Valves produced through September 1998) 29 05-0232 | | | | | | |
| through September 1998) 29 05-0232 | 20 | 02 0 100 | | | | |
| 29 05-0232 Plate, Bottom, 3.0 - 05-1108 Plate, Bottom, 4.5 30 04-0310 Screw 31 02-0133 O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in Valves produced in | | | | | | |
| 30 | 29 | 05-0232 | | | | |
| O-Ring (Used in Valves produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | - | 05-1108 | Plate, Bottom, 4.5 | | | |
| produced through September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | 30 | 04-0310 | Screw | | | |
| September 1998) 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in | 31 | 02-0133 | | | | |
| 32 05-0281 Plug, Bottom Plate 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in Valves produced in | | | , | | | |
| 33 04-0775 Pin, Lever, Soda 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | | | | | | |
| 34 05-0233 Nozzle, 3.0 (Used in Valves produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | | | | | | |
| produced through September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | | | | | | |
| September 1998) - 05-1463 Nozzle, 3.0 (Used in Valves produced in | 34 | 00-0200 | | | | |
| - 05-1463 Nozzle, 3.0 (Used in Valves produced in | | | | | | |
| in Valves produced in | _ | 05-1463 | | | | |
| | | | | | | |
| | | | | | | |



9.9 LEV Portion Control Assembly



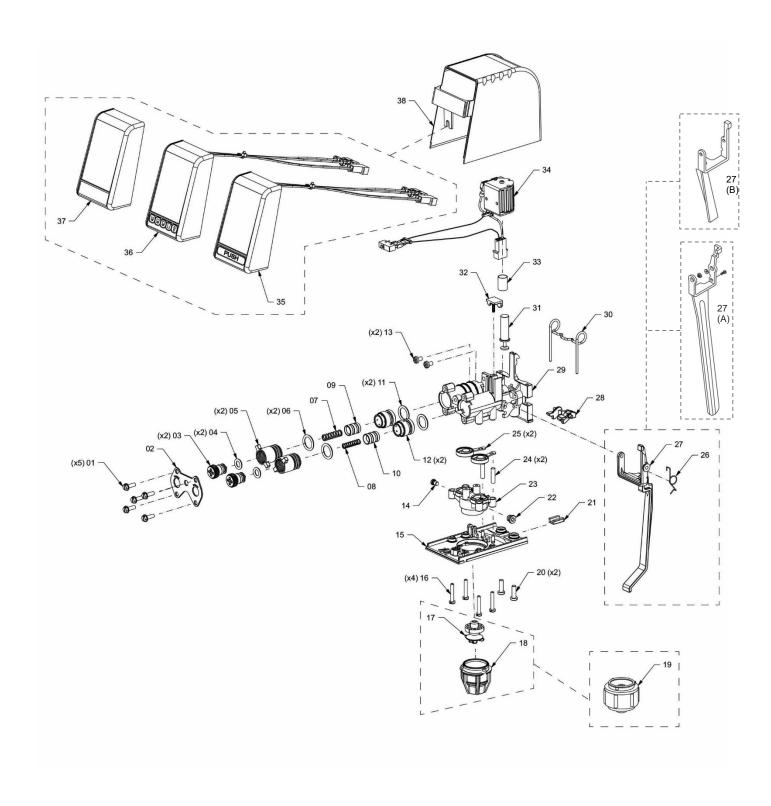


LEV Portion Control Assembly Continued

| <u>ltem</u> | Part No. | <u>Description</u> | <u>ltem</u> | Part No. | <u>Description</u> |
|---------------|------------|---------------------------------------|-------------|----------------|-----------------------------|
| 1 | 52-1581 | I.D. Panel (Used in Valves | 29 | 05-0232 | Plate, Bottom, 3.0 |
| | | produced through May 2000) | _ | 05-1108 | Plate, Bottom, 4.5 |
| - | 52-2296 | I.D. Panel, PC, Parylene | 30 | 04-0310 | Screw |
| | | (Used in Valves produced | 31 | 02-0133 | O-Ring (Used in Valves |
| | | through June 2000 and later) | | | produced through September |
| 2 | 54-0029 | Cover Sub Assy | | | 1998) |
| _ | 54-0181 | Cover Assy, Large (Items No. | 32 | 05-0281 | Plug, Bottom Plate |
| | | 1-2) | 33 | 04-0775 | Pin, Lever, Soda |
| 3 | 05-0266 | Stem, Valve, Mounting Block | 34 | 05-0233 | Nozzle, 3.0 (Used in Valves |
| 4 | 05-0267 | Washer | | | produced through |
| 5 | 02-0047 | O-Ring | | | September 1998) |
| 6 | 04-0269 | Screw | - | 05-1463 | Nozzle, 3.0 (Used in Valves |
| 7 | 03-0087 | Retainer, Stem, Valve, | | | produced in September 1998 |
| | | Mounting Block | | | and later) |
| 8 | 05-0265 | Mounting Block | 35 | 05-0238 | Yoke, Electric |
|) | 82-0274 | Block Assy, Mounting | 36 | 52-0288 | Coil Assy, LEV® |
| | | (Item No. 3-8, 22) | 37 | 03-0125 | Spring, Solenoid, LEV® |
| 9 | 03-0233 | Retainer, Valve, 1-Piece | 38 | 10-0117 | Armature, LEV® |
| 10 | 03-0143 | Spring, Pin | 39 | 04-0486 | Screw |
| 11 | 04-0270 | Screw | 40 | 52-2069 | Wire Harness (Syrup-Out) |
| 12 | 54-0189 | Body Assy, Upper | 41 | 04-0470 | Screw |
| 13 | 04-0302 | Screw | 42 | 05-0490 | Holder |
| 14 | 81-0274 | Sleeve, Syrup/Water, 3.0 | 43 | 09-0120 | Lever, Front Soda/Water |
| - | 81-0382 | Sleeve, Syrup/Soda, 4.5 | 44 | 04-0724 Pin, S | |
| 15 | 81-0273 | Piston, Syrup, 3.0 | 45 | 03-0238 | Spring, Front Soda/Water |
| - | 81-0383 | Piston, Syrup, 4.5 | | | Lever |
| 16 | 02-0132 | O-Ring | 46 | 05-0274 | Lever, Soda |
| 17 | 05-0491 | Filler | 47 | 54-0028 | Diffuser Assy, 3.0 (Used in |
| 18 | 81-0275 | Piston, Soda, 3.0 | | | Valves produced through |
| - | 81-0384 | Piston, Soda, 4.5 | | | September 1998) |
| 19 | 03-0169 | Spring, Syrup, Flow Control, | - | 05-1593 | Diffuser Assy, 3.0 (Used in |
| | | LEV® | | | Valves produced in |
| 20 | 03-0171 | Spring, Soda, Flow Control, | 40 | 00.0400 | September 1998 and later) |
| 04 | 05 0000 | LEV® | 48 | 02-0133 | O-Ring |
| 21 | 05-0262 | Bonnet, Flow Control | 49 | 02-0421 | Seal, Nozzle, 4.5 |
| 22 | 02-0126 | O-Ring | 50 | 54-0183 | Nozzle Assy, 4.5 |
| 23 | 05-1919 | Plug, Adjustment, Flow Control, White | | | |
| _ | 82-0527/01 | Plug, Adjustment Assy, White | | | |
| 24 | 03-0088 | Retainer, Flow Control | | | |
| 25 | 04-0267 | Screw | | | |
| 26 | 82-2929 | Arm, Paddle, Assy | | | |
| 27 | 54-0046 | Body Assy, Lower, 3.0 | | | |
| - | 54-0188 | Body Assy, Lower, 4.5 | | | |
| 28 | 02-0408 | O-Ring, Nozzle, Red, 3.0 | | | |
| | | (Used in Valves produced | | | |
| | | through September 1998) | | | |
| | | | | | |



9.10 Versapour Valve Assembly





| TEM | | | | PARTS LIST | |
|--|------|------------|-------------|---------------|-------------------------------|
| 2 03-0433/02 21000119 RETAINER FLOW CONTROL LEV 3 05-1919 21000032 PLUG ADJUSTMENT LEV 4 02-0126 79020126 ORING 2-109 97-0999 (GO-109) 5 05-0262/04 21000014 BONNET FLOW CONTROL LEV VALVE 6 02-0132 21020132 ORING LANCER 7 03-0171 21030171 SPRING SODA LANCER VALVE 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON, SYRUP, 30Z, VALVE 10 81-0273 21810273 PISTON, SYRUP, 30Z, VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X,270,PLNHD,PH/SL,MS 14 05-023401 21000204 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X,910,PHD,PH/SL,PLT 17 05-1593902 21051593 DIFFUSER VERSAPOUR 19 54-018304 2 | ITEM | PART NO. | HL PART NO. | ALT. PART NO. | DESCRIPTION |
| 3 | 1 | 04-0267/02 | 21000220 | | SCR,8-16X.5,PLSTI,HHSW/W,SS |
| 4 02-0126 79020126 ORING 2-109 97-0999 (GO-109) 5 05-0262/04 21000014 BONNET FLOW CONTROL LEV VALVE 6 02-0132 21020132 ORING LANCER 7 03-0171 21030171 SPRING SODA LANCER VALVE 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON,WATER,3OZ,VALVE 10 81-0273 21810273 PISTON,SYRUP,3OZ,VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 3OZ VALVE 13 04-0486 21000203 SCR,8-32X,270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X,910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208< | 2 | 03-0433/02 | 21000119 | | RETAINER FLOW CONTROL LEV |
| 5 05-0262/04 21000014 BONNET FLOW CONTROL LEV VALVE 6 02-0132 21020132 ORING LANCER 7 03-0171 21030171 SPRING SODA LANCER VALVE 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON,WATER,30Z,VALVE 10 81-0273 21810273 PISTON,SYRUP,30Z,VALVE 11 02-0132 212020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X,270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X,910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000206 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE,BLACK,VERSAPOUR 20 04-0310 21000209 | 3 | 05-1919 | 21000032 | | PLUG ADJUSTMENT LEV |
| 6 02-0132 21020132 ORING LANCER 7 03-0171 21030171 SPRING SODA LANCER VALVE 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON,WATER,302,VALVE 10 81-0273 21810273 PISTON,SYRUP,302,VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X,270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,8-19X,910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000209 SCR,8-16X,600,PHD,PH/SL,PLT 21***O5-0491/01 21000209 S | 4 | 02-0126 | 79020126 | | ORING 2-109 97-0999 (GO-109) |
| 7 03-0171 21030171 SPRING SODA LANCER VALVE 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON,WATER,302,VALVE 10 81-0273 21810273 PISTON,SYRUP,302,VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X,270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,Ph.PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE,BLACK,VERSAPOUR 19 54-0189/04 21000208 NOZZLE,BLACK,VERSAPOUR 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-049101 21 | 5 | 05-0262/04 | 21000014 | | BONNET FLOW CONTROL LEV VALVE |
| 8 03-0169 21030169 SPRING SYRUP FLOW CONTROL LEV 9 81-0275 21810275 PISTON,WATER,3OZ,VALVE 10 81-0273 21810273 PISTON,SYRUP,3OZ,VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 3OZ VALVE 13 04-0486 21000203 SCR.8-32X.270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X,910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-02355 21000210 FILLER,LEV,PUSHBUTTON 23 05-1109/01 < | 6 | 02-0132 | 21020132 | | ORING LANCER |
| 9 81-0275 21810275 PISTON,WATER,3OZ,VALVE 10 81-0273 21810273 PISTON,SYRUP,3OZ,VALVE 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 3OZ VALVE 13 04-0486 21000203 SCR,8-32X.270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X,600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000021 | 7 | 03-0171 | 21030171 | | SPRING SODA LANCER VALVE |
| 10 | 8 | 03-0169 | 21030169 | | SPRING SYRUP FLOW CONTROL LEV |
| 11 02-0132 21020132 ORING LANCER 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X.270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000208 NOZZLE,BLACK,VERSAPOUR 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1199/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 | 9 | 81-0275 | 21810275 | | PISTON,WATER,3OZ,VALVE |
| 12 81-0274 21810274 SLEEVE SYRUP LANCER 30Z VALVE 13 04-0486 21000203 SCR,8-32X.270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 3.00Z 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 22* 05-0235 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 24* 03-0143 21000210 FILLER,LEV,PUSHBUTTON 25 82-3869/01 21000211 BODY,LOWER,PRESSURE,4.5 26*** 03-00143 21000021 PADDLE ARM,SIMRIT COMPOUND C <td< td=""><td>10</td><td>81-0273</td><td>21810273</td><td></td><td>PISTON,SYRUP,3OZ,VALVE</td></td<> | 10 | 81-0273 | 21810273 | | PISTON,SYRUP,3OZ,VALVE |
| 13 04-0486 21000203 SCR,8-32X.270,PLNHD,PH/SL,MS 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.5OZ 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.0OZ 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.5OZ/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 22* 05-0235 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 23 05-1109/01 21000210 FILLER,LEV,PUSHBUTTON 24 03-0143 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000211 BODY,LOWER,PRESSURE,4.5 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26*** | 11 | 02-0132 | 21020132 | | ORING LANCER |
| 14 05-0234/01 21000204 PLUG,SMALL 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,SLECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SMETAL 27B 05-0231 21 | 12 | 81-0274 | 21810274 | | SLEEVE SYRUP LANCER 30Z VALVE |
| 15 05-1108/03 15000228 PLATE BOTTOM LEV 4.50Z 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000021 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 < | 13 | 04-0486 | 21000203 | | SCR,8-32X.270,PLNHD,PH/SL,MS |
| 16 04-0270 21000206 SCR,6-19X.910,PHD,PH/SL,PLT 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SMETAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214< | 14 | 05-0234/01 | 21000204 | | PLUG,SMALL |
| 17 05-1593/02 21051593 DIFFUSER VERSAPOUR 3.00Z 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069< | 15 | 05-1108/03 | 15000228 | | PLATE BOTTOM LEV 4.5OZ |
| 18 05-3242 21000207 NOZZLE,BLACK,VERSAPOUR 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 210000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0238/06 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 | 16 | 04-0270 | 21000206 | | SCR,6-19X.910,PHD,PH/SL,PLT |
| 19 54-0183/04 21000208 NOZZLE ASSY, 2-SHOT 4.50Z/S 20 04-0310 21000209 SCR,8-16X,600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 210000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 8700069 ARMATURE LEV VALVE 32** 05-0935 21000215 < | 17 | 05-1593/02 | 21051593 | | DIFFUSER VERSAPOUR 3.00Z |
| 20 04-0310 21000209 SCR,8-16X.600,PHD,PH/SL,PLT 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SMETAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLE | 18 | 05-3242 | 21000207 | | NOZZLE,BLACK,VERSAPOUR |
| 21* 05-0491/01 21000210 FILLER,LEV,PUSHBUTTON 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS A | 19 | 54-0183/04 | 21000208 | | NOZZLE ASSY, 2-SHOT 4.5OZ/S |
| 22 05-0235 21000205 PLUG,LARGE 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26*** 03-0081 21000037 SPRING LEVER LEV VALVE 27*** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32*** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, | 20 | 04-0310 | 21000209 | | SCR,8-16X.600,PHD,PH/SL,PLT |
| 23 05-1109/01 21000211 BODY,LOWER,PRESSURE,4.5 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SMETAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32*** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL,I | 21* | 05-0491/01 | 21000210 | | FILLER,LEV,PUSHBUTTON |
| 24 03-0143 21000030 SPRING BANJO VALVE LEV 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32*** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 22 | 05-0235 | 21000205 | | PLUG,LARGE |
| 25 82-3869/01 21000212 PADDLE ARM,SIMRIT COMPOUND C 26*** 03-0081 21000037 SPRING LEVER LEV VALVE 27*** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 23 | 05-1109/01 | 21000211 | | BODY,LOWER,PRESSURE,4.5 |
| 26** 03-0081 21000037 SPRING LEVER LEV VALVE 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 24 | 03-0143 | 21000030 | | SPRING BANJO VALVE LEV |
| 27** 05-0776/02 21540165 LEVER,ELECTRIC,SELF-SERV,LEV 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 25 | 82-3869/01 | 21000212 | | PADDLE ARM, SIMRIT COMPOUND C |
| 27A 30-5416 21000117 LEVER SS METAL 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 26** | 03-0081 | 21000037 | | SPRING LEVER LEV VALVE |
| 27B 05-0231 21000025 LEVER SHORT 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 27** | 05-0776/02 | 21540165 | | LEVER,ELECTRIC,SELF-SERV,LEV |
| 28 05-0238/06 21000054 YOKE LEV VALVE 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 27A | 30-5416 | 21000117 | | LEVER SS METAL |
| 29 05-1110/04 21000214 BODY UPPER, LEV 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 27B | 05-0231 | 21000025 | | LEVER SHORT |
| 30 03-0233 21030233 RETAINER VALVE LEV VOL 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 28 | 05-0238/06 | 21000054 | | YOKE LEV VALVE |
| 31 10-0117/04 87000069 ARMATURE LEV VALVE 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 29 | 05-1110/04 | 21000214 | | BODY UPPER, LEV |
| 32** 05-0935 21000215 PLUG,CHERRY SWITCH 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 30 | 03-0233 | 21030233 | | RETAINER VALVE LEV VOL |
| 33 03-0125 21000038 SPRING SOLENOID LEV 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 31 | 10-0117/04 | 87000069 | | ARMATURE LEV VALVE |
| 34 52-1248/03 21521248 COIL HARNESS ASSY LEV 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL, ID, BLACK, VERSAPOUR | 32** | 05-0935 | 21000215 | | PLUG,CHERRY SWITCH |
| 35 52-3630 21000216 ID PANEL ASSY, LPV, PB 36 52-3632 21000217 ID PANEL ASSY, LPV, PC 37 05-3241 21000218 PANEL, ID, BLACK, VERSAPOUR | 33 | 03-0125 | 21000038 | | SPRING SOLENOID LEV |
| 36 52-3632 21000217 ID PANEL ASSY, LPV,PC 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 34 | 52-1248/03 | 21521248 | | COIL HARNESS ASSY LEV |
| 37 05-3241 21000218 PANEL,ID,BLACK,VERSAPOUR | 35 | 52-3630 | 21000216 | | ID PANEL ASSY, LPV, PB |
| | 36 | 52-3632 | 21000217 | | ID PANEL ASSY, LPV,PC |
| 38 05-3240 21000219 COVER,BLACK,VERSAPOUR | 37 | 05-3241 | 21000218 | | PANEL,ID,BLACK,VERSAPOUR |
| | 38 | 05-3240 | 21000219 | | COVER,BLACK,VERSAPOUR |

^{*} denotes part only applicable in Versa Pour PB & PC

^{**} denotes part only applicable in Versa Pour SSL, short lever



10. Trouble Shooting

| TROUBLE | CAUSE | REMEDY |
|---|---|--|
| Miscellaneous leakage. | A. Gap between upper and | A. Tighten all six (6) retaining screws. |
| | lower valve bodies. B. Worn or damaged paddle | B. Replace paddle arm assemblies. |
| | arm assemblies. | b. Replace paddle arm assembles. |
| | C. Damaged or improperly | C. Replace appropriate O-rings. |
| | installed O-rings. | |
| Lights do not work. | A. Transformer not plugged in. | A. Check transformer connections.B. Check transformer to loom |
| | B. Faulty transformer to loom connection. | connection. |
| | C. Transformer failure. | C. Reset transformer supply circuit |
| | | breaker or replace faulty transformer. |
| Valve does not work. | D. LED failure. | D. Replace LED. A. Check transformer connections. |
| valve does not work. | A. Transformer not plugged in. B. Faulty transformer to loom | B. Check transformer to loom |
| | connection. | connection. |
| | C. Transformer failure. | C. Reset transformer supply circuit |
| | D. Valve failure | breaker or replace faulty transformer. |
| Insufficient water/soda | D. Valve failure A. Insufficient incoming supply | D. Replace valve. A. Verify incoming supply water/soda |
| flow. | water pressure. | pressure is a minimum of 25 PSI. |
| | B. Shutoff on mounting block | B. Open shutoff fully. |
| | not fully open. | |
| | C. Foreign debris in water/soda flow control. | C. Remove water/soda flow control from upper body and clean out any foreign |
| | now control. | material to ensure smooth free spool |
| | | movement. |
| Insufficient syrup flow. | A. Insufficient CO ₂ pressure to | A. Adjust CO ₂ pressure to 80 PSI |
| | BIB pumps. B. Shutoff on mounting block | (minimum 70 PSI) for BIB pumps. B. Open shutoff fully. |
| | not fully open. | B. Open shaton faily. |
| | C. Foreign debris in syrup flow | C. Remove syrup flow control from upper |
| | control. | body and clean out any foreign |
| | | material to ensure smooth free spool movement. |
| Erratic ratio. | A. Insufficient incoming supply | A. Check pressure and adjust. |
| | of water/soda and/or syrup | |
| | pressure. | D. D flam and the frame who is |
| | B. Foreign debris in water/soda | B. Remove flow controls from upper |
| | and/or syriin flow controls | I hody clean our any toreign material to |
| | and/or syrup flow controls. | body clean out any foreign material to ensure smooth free spool movement. |
| Valve will not shut off. | A. Faulty control panel. | ensure smooth free spool movement. A. Replace control board. |
| Valve will not shut off. | A. Faulty control panel. B. Faulty touch panel. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. |
| Valve will not shut off. | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not | ensure smooth free spool movement. A. Replace control board. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. |
| Valve will not shut off. No product dispensed. | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. C. Electric current not reaching | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to valve. If current is adequate, check |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. C. Electric current not reaching | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to valve. If current is adequate, check solenoid coil and switch, and replace |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. C. Electric current not reaching electric valve. | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to valve. If current is adequate, check solenoid coil and switch, and replace if necessary. |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. C. Electric current not reaching | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to valve. If current is adequate, check solenoid coil and switch, and replace if necessary. D. Remove valve from mounting block and open shutoffs slightly and check |
| | A. Faulty control panel. B. Faulty touch panel. C. Solenoid armature not returning to bottom position. A. Water/soda and syrup shutoffs on mounting block not fully open. B. ID panel actuator on electric valve is not actuating the switch. C. Electric current not reaching electric valve. D. Improper or inadequate | ensure smooth free spool movement. A. Replace control board. B. Replace touch panel. C. Replace defective armature or spring. A. Open shutoffs fully. B. Repair or replace. C. Check electric current supplied to valve. If current is adequate, check solenoid coil and switch, and replace if necessary. D. Remove valve from mounting block |



| TROUBLE | CAUSE | REMEDY |
|---|--|--|
| | F. Transformer failure. | F. Reset transformer supply circuit |
| | | breaker or replace faulty transformer. |
| Water/soda only dispensed; no syrup; or syrup only dispensed; no water. | A. Water/soda or syrup shutoff on mounting block not fully open. B. Improper or inadequate water/soda or syrup supply. | A. Open shutoff fully. B. Remove valve from mounting block and open shutoffs slightly and check water and syrup supply. If no supply, check Tower chiller for freeze-up or other problems. Ensure BIB |
| | C. CO ₂ pressure too low. | connection is engaged. C. Check the CO ₂ pressure to the BIB pump manifold to ensure it is between 70 PSI. |
| | D. Stalled or inoperative BIB pump. | D. Check CO ₂ pressure and/or replace pump. |
| | E. Kinked line. | E. Remove kink or replace line. |
| Syrup only dispensed. No water/soda, but CO ₂ gas | A. Improper water/soda flow to the Tower. | A. Check for water/soda flow to the Tower. |
| dispensed with syrup. | B. Water line frozen. | B. Check Tower chiller unit. |
| Insufficient syrup flow. | A. Insufficient syrup pressure.B. Shutoff valve restriction. | A. Check incoming syrup to ensure minimum flowing pressure. B. Check shutoff on mounting block to |
| | C. Valve flow control stuck. | ensure it is in fully open position. C. Remove water flow control from upper |
| | C. Valve new control stack. | body and clean out any foreign material to ensure smooth free spool movement. Sleeve and spool are marked "S/D". |
| Excessive foaming. | A. Incoming water/soda or | A. Correct prior to Eclipse Tower. |
| | syrup temperature too high. B. CO ₂ pressure too high. | Consider larger or pre-cooler. B. Adjust CO ₂ pressure downward, but not less than 70 PSI. |
| | C. Water/soda flow rate too high. D. Nozzle and diffuser not | C. Readjust and reset ratio. D. Remove and reinstall properly. |
| | properly installed. E. Nozzle and diffuser not clean. | E. Remove and clean. |
| | F. Air in BIB lines.G. Poor quality ice.H. High beverage temperature. | F. Bleed air from BIB lines.G. Check quality of ice used in drink.H. Check Tower chiller unit. |
| Warm drinks. | Tower chiller faulty: A. Restricted airflow around Tower chiller. B. Tower chiller unit | Check chiller: A. Check clearances around sides, top, and inlet of Tower chiller unit. Remove objects blocking airflow through grill. B. Switch to cold water supply. |
| | connected to hot water supply. C. Refrigeration system not | C. Check refrigeration system. |
| | running. D. Refrigerant leak. E. Condenser fan motor not working. | D. Repair and recharge. E. Replace condenser fan motor. |
| | F. Dirty condenser. G. Dispenser capacity exceeded. | F. Clean condenser. G. Add pre-cooler or replace with larger dispenser. |



11. Certificate of Warranty

It is the policy of Hoshizaki to provide to its current customers, warranty for all equipment supplied and installation work performed within a specified period.

Parts and Equipment

Lancer provides a warranty period of twelve (12) months from the date of original invoice for all manufactured parts. Repair or replacement of defective parts will be at the sole discretion of Lancer.

Changeover parts will be invoiced to the customer at the customers normal purchase cost and upon return of the warranty item and validation of the claim, the invoice will be credited.

Installations

Lancer provides a warranty period of twelve (12) months from the date of final invoice for workmanship after the completion of any installation work, provided the parts and labour are completed by Lancer or its subcontractor.

Labour

Lancer will not normally cover any labour costs associated with a warranty claim. Subject to the approval of the Divisional Sales Manager, Lancer may choose to reimburse the customer for some or all labour costs associated with a warranty claim. Any claim for labour costs must be authorized by Lancer prior to the work being undertaken.

Exclusions

Lancer will not accept any liability or cost associated with any consequential losses (such as loss of syrup or beer), loss of profit or damage to property as a result of faulty product.

Warranty shall not apply:

- a) If in the opinion of Lancer, the equipment has been used in a situation the equipment has not been designed for;
- b) If in the opinion of Lancer, the equipment has been subject to abuse, negligence or accident;
- c) If connected to improper, inadequate or faulty power, water or drainage service or operated using incorrect, insufficient or contaminated lubricants, coolants, refrigerants or additives;
- d) Where the product is installed, maintained or operated otherwise than in accordance with the instructions supplied by Lancer;
- e) Where the product has been damaged by foreign objects;
- f) Where the product has been serviced, repaired, altered or moved otherwise than by Lancer or its nominees or using other than Lancer approved replacement parts.

To obtain full details of your warranty and approved service agency, please contact your dealer/supplier, or the nearest Hoshizaki Office.

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