

# XpressFill XF460 / XF260

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XF460HP / XF260HP





## **Congratulations on the purchase of your XpressFill Bottle filling machine.**

Thank you for choosing our handcrafted bottle filler as the technology to bottle your passion. We look forward to assisting you in experiencing the best performance from your filler.

This manual is written with your safety and convenience in mind. We highly recommend reading the manual before using your filler for the first time.

If you have any questions or comments, please do not hesitate to contact us.

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## **Important Safety Instructions**

Misuse of the bottle-filling machine can result in serious injury or death. Do not use the machine in any way not covered in this manual or for any purpose other than those explained in the following pages.


Severe product damage and/or injury could result from the use of unqualified Service Technicians or non-original replacement parts. All repairs must be performed by a qualified Service Technician or with the approval from an XpressFill Technician. Only original factory replacement parts should be used.

Electrical shock or fire could result if the electrical supply for the bottle filler covered in this manual is not correctly installed or if the bottle filler has been improperly grounded. Do not use the bottle filler covered in this manual unless you are certain the electrical supply has been correctly installed and the bottle filler has been properly grounded.

# Safety Warnings

<b>⚠ WARNING</b>	
<b>Hazardous Voltage!</b> Disconnect power before servicing.	

<b>⚠ WARNING</b>	
<b>For use in Non-Hazardous &amp; well ventilated area.</b> This equipment is not Explosion Proof rated!	

<b>NOTICE</b>	
<b>Back panel must be in place during operation to prevent electrical shock.</b>	

## Table of Contents

- 1 Introduction
- 2 Set Up Your Filler
- 3 Gas Sparge Option
- 4 Troubleshooting
- 5 Cleaning Your Filler
- 6 Additional Information

# 1

## Introduction

### **XpressFill Product Guarantee**

We guarantee our products to be free of defects in materials and workmanship. The filler will be repaired or replaced if, upon inspection at the factory, the filler is found to be defective in materials or workmanship.

This guarantee does not apply to damage resulting from normal wear and tear, accident, abuse, negligence or shipping. The guarantee may be rendered invalid if the customer has made repairs or alteration to the machine without first consulting XpressFill Systems LLC.

## 2 Set Up Your Filler

1. Unpack the filler from the box. Place the filler on the flat surface where you plan to bottle.

**Tip:** To get familiar with your filler, you may want to initially test it with water.

2. Connect the quick connect plug into the machine. Make sure the inline strainer is mounted in the correct direction (an arrow on the side shows the flow path). Then place the other end of the Transfer Kit in your product.

**Note:** Your product needs to be placed below the filler to avoid differences in fill levels.



3. Plug the filler into a wall outlet. Turn on the Power Switch. The Digital Timer shows time in seconds.

**Note:** A power conditioned/surge protector is highly recommended.



4. Place your bottles under each of the four spouts. Push the start button or hold the manual button to allow the pump to prime until you notice a consistent flow.

**Note:** To make sure there is no air in the flow path, turn the inline strainer upside down while the pump is priming. This ensures that the air bubbles in the strainer housing mostly dissolves, although a little air bubble in the strainer is normal.

5. Empty the bottles and place them back under the spouts, then press the start button. The digital timer will count down the fill time. During the first cycle, be ready to hit the stop button in case you set the time too long. You then can refine your level by changing the time.

Each bottling session may require slightly different times for the same volume, mainly due to the temperature of the product.

If the filler is equipped with the gas option, simply press the Gas button for as long as desired; approximately 35 seconds for a 750ml bottle.



## Adjusting the Timer – KoYo Digital Timer

*If the filler has this timer, follow the instructions below to adjust the time.*



Key for noted numbers 1 – 7 on display:

1. 100<sup>th</sup> of a second button for green display
2. 10<sup>th</sup> of a second button for green display
3. 1 second button for green display
4. 10 seconds button for green display
5. RST (Reset) button, resets the red display to match green display
6. Value for run cycle (green display)
7. Value to count down of run cycle (red display)

To adjust time, follow these steps below:

1. Press buttons #1 – 4 to obtain the desired run time for a cycle. Each button counts up as you press it, and will cycle through 1 through 9 and then count again.
2. As you adjust the values of #1 – 4, the green display will reflect those values. Displayed above is 23.43 seconds. You can alter by 1 second or 10 seconds, or 10ths or 100ths of a second using these buttons. The green display changes as noted.
3. Once you have achieved the desired time for your cycle then simply press #5 RST button. The Green Display #6 and the Red Display #7 will match.
4. You may resume normal operation, Start, stop, or use the manual buttons.
5. During a Cycle the red display will count down, the green holds its value.



## Adjusting the Timer – Auber Digital Timer

*If the filler has this timer, follow the instructions below to adjust the time.*



Key for noted numbers 1 – 7 on display:

1. Yellow LED noting timer in seconds
2. Red display count down valve
3. Green display set value
4. Set button / mode change
5. Down button / Stop
6. Up button / Pause
7. Reset button



The Auber Digital timer is factory set for seconds  
.01 - 99.99 seconds.

To change the green set value, follow the steps below:

1. Press #4 Set and release
2. The display noted left, the green will flash
3. Press #5 for down or #6 for up. These buttons increase or decrease the green value
4. Once you have achieved the desired value press #4 Set again once.
5. The display will look like the picture above.
6. Operation can resume using the start, stop and manual buttons to the right of the display

### 3 Gas Sparge Option

If your filler has the gas sparge option, first make sure you have the hose going into the filler safely connected to your gas tank and pressure regulator. The recommended pressure is 20 - 30 psi. To flush your bottle, simply push the “Gas” button for the desired length of time (1-3 seconds) before you start the fill cycle.



# 4

## Troubleshooting

*Before calling the factory, please read through the Troubleshooting Guide.*

### **Bottle Filler Is Not Priming**

The XF460/260 Bottle Filler is equipped with a diaphragm pump. Over time the valve kit for the pump, depending on the age and use, might lose some of its effectiveness. This is an easily exchangeable part. The indication that the valve kit has failed is that you hear the pump running, but the pump does not prime.

### **Uneven Fill Levels**

Please note that the XF460/260 is a volumetric filler, not a level filler. You might encounter different fill lines in your bottles due to differences in your bottles. Your bottle might have the same weight, but have slight variances in wall thickness, neck size, punt, etc. This often translates to slightly different fill heights.

If you encounter a sudden difference in your fill levels, an orifice in the machine might be partly clogged. Run warm water with your cleaning solution several times through the machine. If that does not solve the problem, please contact us to evaluate further actions.

### **Dripping Spouts**

Sometimes dripping occurs after a fill cycle for different reasons. One could be a particulate caught in a check valve. Simply run your fill cycle a couple of times, warmwater or your cleaning solution. If the problem persists contact XpressFill for trouble shooting technical assistance

# 5

## Cleaning & Sanitizing

**Please note:** You are responsible to ensure that your filler is clean and does not contaminate your product. We recommend a thorough cleaning before and after your bottling run.

Cleaning your XpressFill is quick and easy, and is the single most important maintenance you can perform to ensure long life and efficient performance from your filler. Please use caution when using any cleaning product.

For general cleaning, we highly recommend a product called PBW by Five Star Chemicals. It is safe, fast, effective and our customers have been happy with the results. To clean your XpressFill, begin by flushing your filler with 2 gallons of plain warm water. Follow the warm water flush with a mixture of 2 ounces of PBW cleaner dissolved in 2 gallons of water. Allow the PBW to soak inside your filler for a few minutes. When using PBW in food processing areas, the equipment that has been cleaned must be rinsed with potable water.

After cleaning with PBW, the manufacturer recommends sanitizing prior to the next use. Saniclean, also from Five Star Chemicals, is highly effective and completely food grade if diluted correctly per the manufacturer's instructions. Use 1 ounce of the sanitizer in 3 gallons of water, and follow the steps according to the manufacturer's instructions.

Before storing your XpressFill, flush your filler with 2 gallons of warm water. Be sure you get all water out of the flow path. This is done by continuing to run the pump until it runs dry. In order to get the last of the water out of the filler, carefully tip the filler upside down several times to allow all liquid in the flow path to empty. USE CAUTION, it is best to have at least 2 people involved in the cleaning process.

**DANGER:** Read and follow all manufacturers' instructions.

Corrosive to skin and eye. Contains Phosphoric Acid. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective goggles and clothing when using. Avoid contamination of food. DO NOT MIX SANICLEAN with chlorinated cleaners as chlorine gas will result. See Label for more precautionary information. Contains Phosphoric Acid, a known corrosive.

### **Alternative Cleaning and Sanitizing Routine**

1. Wash with a 1% caustic soda solution <sup>1</sup>
2. Then rinse with 1% citric acid solution <sup>2</sup>
3. And finally flush with clear, potable water

<sup>1</sup> 1% caustic soda solution (aka sodium hydroxide or lye)

- 4 grams by weight = teaspoon
- 2 teaspoons (7-8 grams by weight) caustic soda + 1 quart water = 1% solution
- add soda to warm water to avoid splash back

<sup>2</sup> 1% citric acid solution

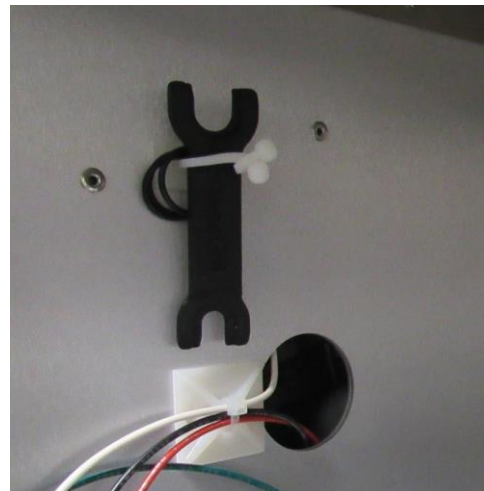
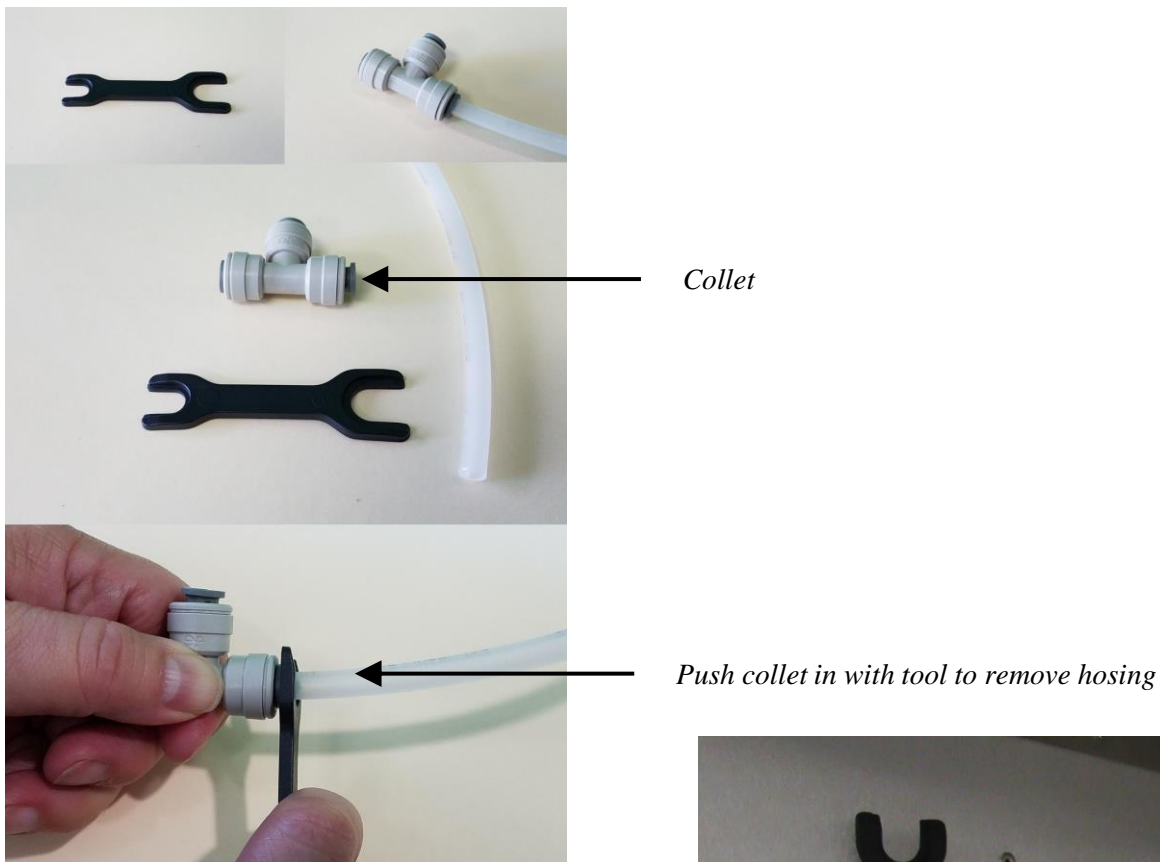
- 2 teaspoons (7-8 grams by weight) citric acid + 1 quart water (approximately) = 1% solution
- (Ball brand used in jam making)
- 2 teaspoons citric acid = 1/2 cup lemon juice

# 6

## Additional Information

### Collet Release Tool

Our fillers use “Push-to-Connect” type connectors which are standard in the beverage industry. Installation simply requires pushing a hose into the fitting and pulling lightly to check that the connection is secure. Removal requires using the collet release tool to firmly push the collet and remove the tube. A tool is included with the filler and can be found inside the filler.



## Spare Fuse

There is a spare fuse in the power cord receptacle. Unplug the machine and set a screwdriver on the notch (do not remove screws) and pop the spare fuse holder toward you, then replace the fuse. XpressFill Part No. 200002 – Bussmann Series by Eaton, Model BK/GDB-2A, 250V Fast Acting, 5mm x 20mm.

The exposed fuse in the clip is the active fuse. The fuse stored in the box holder is the spare.



## Spare O-Rings

There is an O-ring on the transfer kit coupler. During cleaning it can be lost and causing lose of suction during filling. Spares are offered and located inside the filler.



## Accessory Kit

