ELKAY®

Elkay EZH2O Refrigerated Surface Mount Bottle Filling Station(s) series EZ8WS & LZ8WS

USE AND CARE GUIDE

Contents

1. General Information

1.1 Use and Care Guide

Read all instructions carefully and familiarize yourself with the various parts of this product.

This manual contains step-by-step adjustment, and maintenance instructions for the EZ8WS and LZ8WS series bottle filling stations and cooler. Followed carefully, these instructions will result in trouble-free use of this Elkay Manufacturing Company (Elkay) product.

Any deviations, additions, and/or deletions from the described methods, without prior written approval of Elkay, will void the warranty covering this product.

Save these instructions for future reference

⚠ WARNING

To avoid product or property damage, personal injury, or even possible death, carefully read, understand, and follow all the instructions in this Use and Care guide before installing his product.

Improper installation of this product could cause a dangerous situation that results in injury or death.

Do not operate power tools unless you read and understand the instructions and warnings in this and all other applicable labels or manuals. Proper use of tools and the products described in this guide is your responsibility.

Failure to follow these instructions could result in personal injuries, water damage, and other damage to floors, pipes, walls, and other portions of your building or home.

1.2 Disclaimer

The information contained in this Use and Care guide is given free of charge. It is based upon technical data which we believe to be reliable and is intended for use by persons having knowledge of this technical area at their own discretion and risk. Elkay assumes no responsibility for results obtained or damage incurred from the use of this material either in whole or in part by the buyer.

1.3 Serial Number Location

Please use the serial number located on the underside of the water cooler shroud when contacting us with questions concerning the installation of this product.
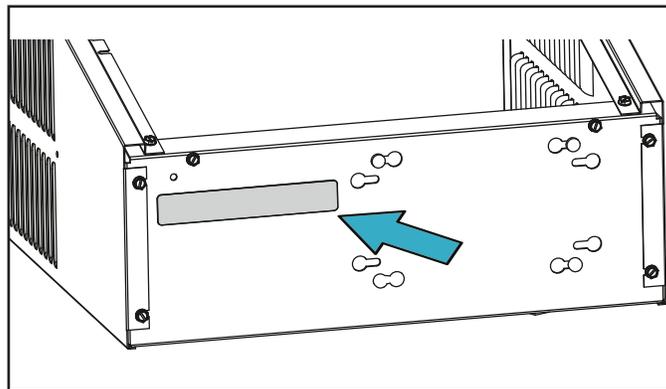
1.4 Contact Information

General Information
Elkay Manufacturing Company
1333 Butterfield Road
Suite 200 Downers Grove, IL 60515

Phone: 630.574.8484
Email: consumer@elkay.com
Website: http://www.elkay.com

USA/Canada Customer Care
Phone: 800.476.4106
Email: CustCare@Elkay.com

International Customer Care
Phone: 630.575.4755
Email: IntlCare@Elkay.com

Installation Services
Phone: 800.952.8064
Email: installservice@elkay.com
Website: http://www.elkay.com/contact-us/install

1.5 Notice of Changes

The information, specifications, and illustrations in this manual are based on the information that was available at the time this material was written and can change at any time. In keeping with our policy of continuing product improvement, Elkay reserves the right to change specification without notice.

1.6 Warranty

This product is covered by a Limited Warranty and Elkay will not be held responsible for damage of any kind in connection with the installation of the product.

Refer to the Elkay website http://www.elkay.com/warranty and click on Warranty for Drinking Water Products under the Info and Maintenance section (form 96993C).

2. Safety

Think Safety

Before performing any work, read and understand the safety instructions in this manual.

2.1 General

The Elkay Manufacturing Company (Elkay) cannot anticipate every possible circumstance that might involve a potential hazard during the installation or maintenance of this product. The warnings and instructions in this Use and Care guide, therefore, not all-inclusive. If a tool, installation procedure, or work method that is not specifically recommended by Elkay is used, you must be satisfied that it is safe for yourself and others. You should also make sure that the product will not be damaged by the methods you choose.

Most work related accidents are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. As you install and maintain this product, you must be alert to potential hazards. You should also have the necessary training, skills, and tools to perform any installation or maintenance procedure.

2.2 Safety Alert Symbol

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

This manual contains WARNINGS, CAUTIONS, NOTICES, SAFETY INSTRUCTIONS, and NOTES which must be followed to prevent the possibility of improper service, damage to the equipment, personal injury, or death. The following key words call the reader's attention to potential hazards.

Hazards are identified by the "Safety Alert Symbol" and followed by a signal word such as "WARNING" or "CAUTION".

2.3 Personal Safety

⚠ WARNING

These warnings indicate a potentially hazardous situation which, if not avoided, could result in serious injury or death. Follow all instructions related to the installation and/or maintenance of this product (unit).

Personal Protection
Be sure to use all personal protective equipment, such as sturdy safety glasses, work shoes, hearing protection, and gloves, whenever necessary, to ensure your own safety.

To avoid eye injury, always wear protective glasses with side shields when using power tools. Also, make sure no one else can be injured by flying particles when using power tools.

To prevent possible damage to your hearing, always wear ear protection, such as earmuffs or earplugs, when using power tools.

This product is heavy and can cause bodily injury, due to its weight or if the unit is dropped. Use two people to lift the product when unpacking the unit or installing it onto the hanger brackets.

Wear protective gloves during installation to protect against sharp edges from sheet metal components.

Lifting Hazard

• To avoid personal injury, always use these proper lifting techniques and use two people to move heavy cartons.
• Use appropriate lifting devices to move the load.
• Always use two people when lifting heavy or bulky cartons. DO NOT attempt to lift objects that are too heavy.

Power Tool Hazard
To prevent personal injury or possible death, always follow the electrical safety recommendations of the power tool's manufacturer.
• Do not use power tools in an unsafe manner.
• Power tools should only be connected to a circuit protected by a ground-fault circuit interrupter (GFCI).
• If an extension cord is required, always use an OSHA approved extension cord.

Shock and Electrocution Hazards

Failure to follow these instructions could result in severe burns, significant injuries, and even death.

Water will conduct electric current to create a short circuit, resulting in injury or death.

- **Never use electric power tools around water or wet floors/surfaces.**
- **Keep all liquids away from electrical cords and power tools.**
- **If an extension cord is required, always use an OSHA approved cord.**
- **DO NOT create a short circuit between a source of electricity and a liquid by being in contact with both simultaneously.**

Contacting live electrical wiring with power tools or hand tools can cause serious injury or death.

- **Make sure all related circuit breakers are turned OFF.**
- **Test for live circuits or wiring inside any wall where installation of the product requires cutting into a wall.**

Prior to any maintenance, make sure the unit is unplugged and circuit breakers are turned OFF.

Prior to installation, test for live circuits or wiring inside the wall before cutting or drilling into the wall.

⚠ CAUTION

These cautions indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. Follow all instructions related to installation and/or maintenance of this product.

Tripping Hazard

Personal injury can result from tripping over power cords, tools, or other installation items. DO NOT leave items laying around the work area.

Cutting Hazard

The installation of this product may require using power tools.

Keep hands away from the cutting edge of any tool used in the installation of our product.

Placing fingers in or around the cutting blades could result in serious personal injury.

3. Tools and Supplies

3.1 Tools Required

Tool	Used For
Tape Measure	Locating mounting brackets
Level	Mounting bracket installation
Power Drill	Installation of wall anchors or lag screws for mounting plate
Adjustable Pliers	Installation of P-trap
Adjustable Wrench	Installation of water inlet valve
Hacksaw	Trimming waste outlet pipe
Flat Blade Screwdriver	Adjustment of pressure regulator and coldness control valve
5/16" Nut Driver	Removal of mounting bracket and front panel
5/32 Allen Wrench	Removal of bottle filler front and top covers
Tubing Cutters	To trim excess poly tube
Bucket	For draining old filter for filter cartridge replacement
Towel	For replacing the filter

4. Changing the Factory Default Settings (Not Required for Installation)

4.1 Accessing the Programming Button

1. Remove the bottle filler top cover by removing the two screws using a 5/32" Allen wrench. Do not discard the screws, they are required for re-assembly.

2. Locate the programming button at the top right side of the unit on the control board.

4.2 Access the Programming Menu

1. Depress the program button for approximately two seconds until the display changes, then release.

2. The display will scroll through two messages.

   a. RST FLTR – Reset Filter Monitor (filtered units only).

   b. SETTINGS – System Setting Sub Menu.

   Depress the program button when the display reads SETTINGS. The display will scroll through four messages:

   • RNG SET – Range set for IR sensor. Default is 3.
   • UNIT TYP – Type of unit. Default is refrigerated.
   • FLT SIZE – Select filter capacity. Default is 3000 GAL.
   • RST BCNT – Reset bottle count (filtered units only).

3. Push the button while the desired message is displayed. If the program button is not pushed, the messages will cycle three times before resetting back to run mode.

4.3 Reset the Filter Monitor (Filtered Unit Only)

1. Depress the program button when the display reads RST FLTR.

2. Depress the program button when the display reads FLTR = and the display will change to FLTR = 0.

3. The green LED on the bottle filler panel should now be illuminated indicating that the filter monitor has been reset.

4.4 Change the Range Of The IR Sensor

1. Depress the program button when the display reads RNG SET.

2. The display will show the default RNG = 3. 1-10 is the range, 1 is closest to the sensor, 10 is farthest away.

3. Depress the button again to change the value. When the desired range is selected, wait four seconds for the unit to default back to run mode.

4. Test the bottle filler by placing a hand or a bottle in front of the sensor.

4.5 Change the Unit Type

1. Depress the program button when the display reads UNIT TYP.

2. The display will show the default REFRIG.

3. Depress button to change to refrigerated if NON-REFRIG is displayed.

4. When the desired range is selected, wait four seconds for the unit to default back to run mode.

5. Test the bottle filler by placing a hand or a bottle in front of the sensor.

4.6 Change the Filter Capacity (Filtered Unit Only)

1. Depress the program button when the display reads FLT SIZE.

2. The display will show the default 3000GAL.

3. Depress the button again to change the value to 6000GAL.

4. When the desired range is selected, wait four seconds for the unit to default back to run mode.

4.7 Resetting the Bottle Count

1. Depress the program button when the display reads RST BCNT.

2. The display will show the current value, e.g. 0033183.

3. Depress the button again to change the value to 0. The display will show BTLCT = 0 for approximately 2 seconds and return to run mode showing 0000000 on the display board.

Note: Once the bottle count is reset to 0, there is no way to return to the previous count.

4. Test the bottle filler by placing a hand or a bottle in front of the sensor and dispense product until the bottle count changes to 1.

# 5. Cleaning Instruction

5.1 Stainless Steel

1. General Cleaning: Use an ordinary mild detergent and soft cloth, rinse and towel dry.

2. Steel soap pads should never be used; particles can adhere to a stainless steel basin surface and will eventually rust.

3. Light scratches are normal for stainless steel basins; over time they will blend into the uniform finish pattern.

5.2 Plastic Components

1. General cleaning: Use an ordinary mild detergent and soft cloth, rinse and towel dry.

2. Wiping the surface clean to remove debris or build up will not hurt the antimicrobial properties.

6. Filter Cartridge Replacement for Filtered Units Only

1. Remove the front cover of cooler by removing two 5/16" screws located on the bottom of the cooler.
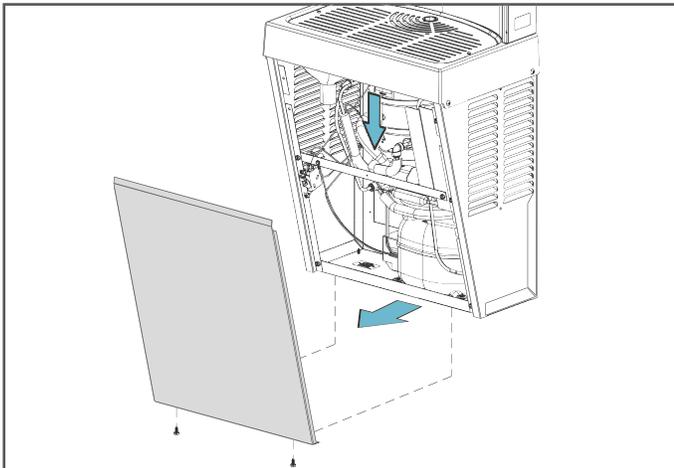
2. Shut off water supply using the shut off valve. Turn water shut off valve handle to the OFF position (clockwise).

Note: This view may be different depending on model and configuration.
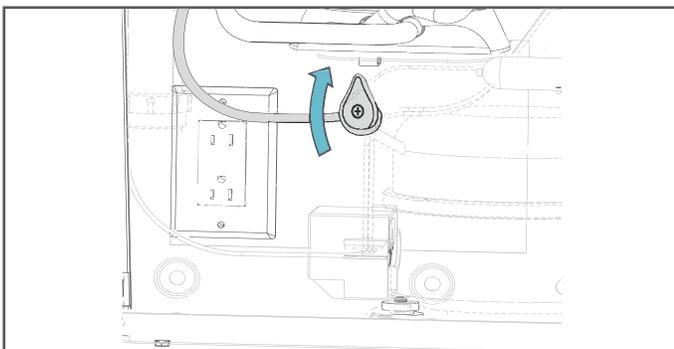
3. Activate the water dispenser with a water bottle to relieve pressure and access water in the water line.
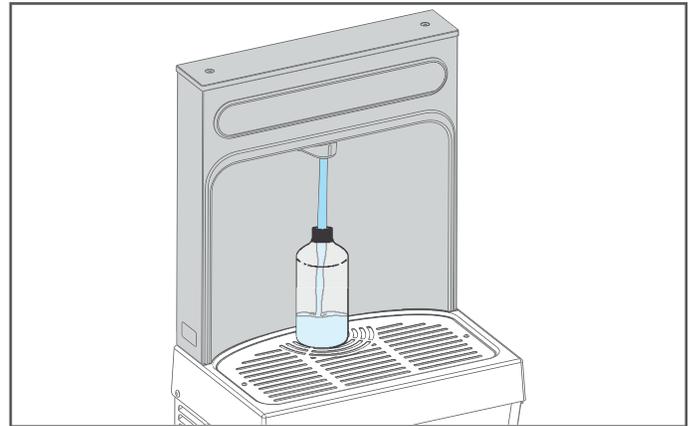
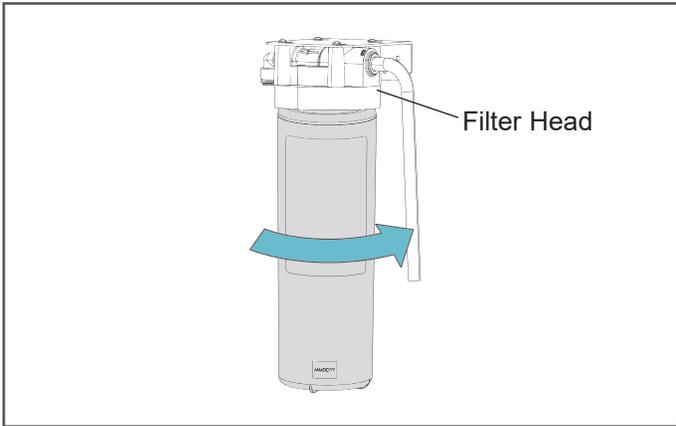

4. Shut OFF power to the unit by unplugging.
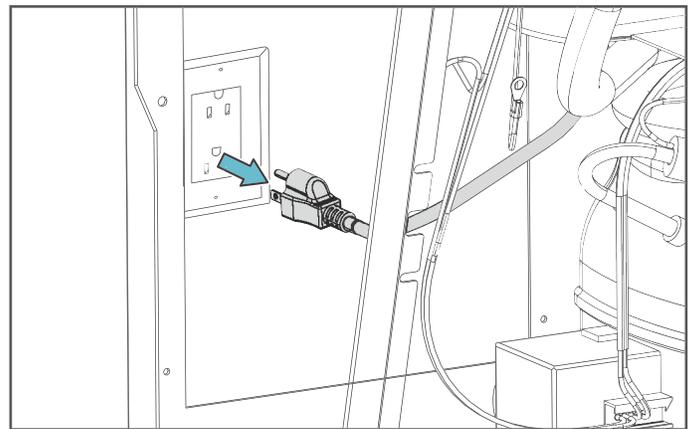
5. Locate current filter on the left side of the cooler.
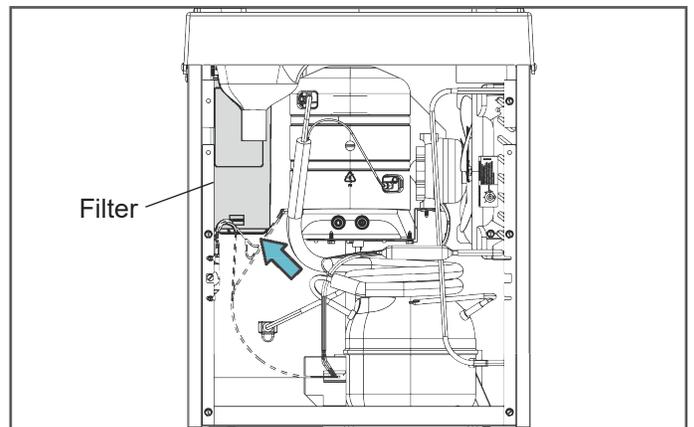
Filter

6. Place a towel under the filter to absorb any water that leaks out of the filter when it is removed.

7. Twist the filter counterclockwise until it is disengaged. Remove the filter and keep upright; remove towel.


Filter Head

8. Drain the filter before disposing in a trash can.

9. Remove protective cap from the new filter.

Protective Cap
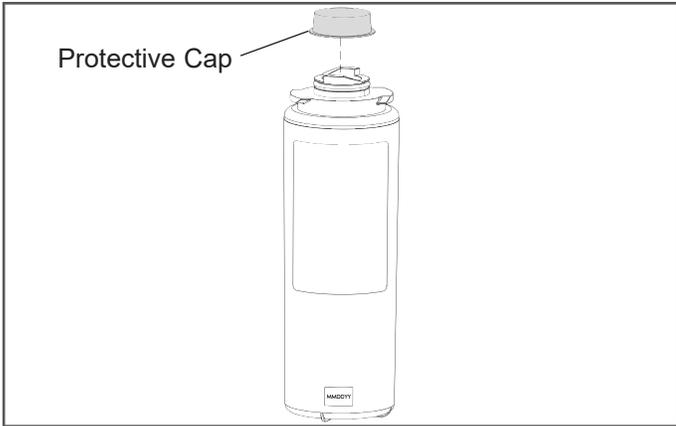
10. Mark the current date on the filter label.

11. Attach the filter to the filter head with label facing outward by firmly inserting into the head and by rotating the filter head clockwise, if required.

Note: Filter label should be readable from the front of the filter during installation.
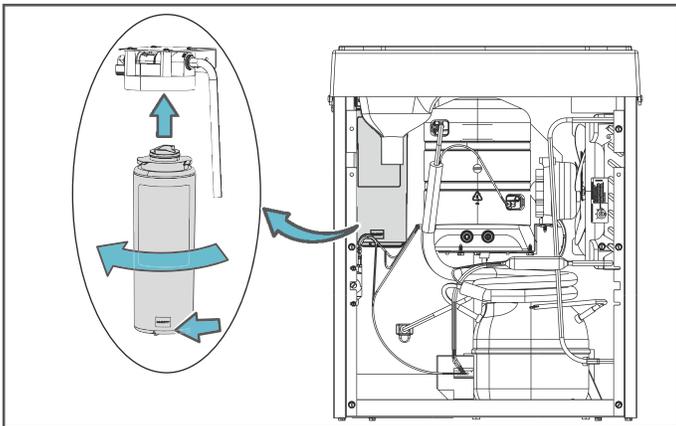

12. Restore power back to the unit.

13. Turn on water supply.

14. Verify proper dispensing by placing cup or any object in front of sensor area and verify water dispenses. Dispense at least two gallons of water to bleed off any trapped air from supply lines and fine carbon particles from the filter.
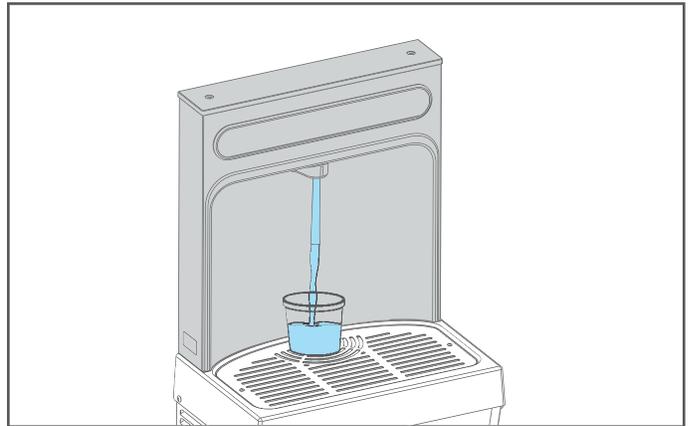
15. Check all the lines and connections for water leaks. Repair connections if necessary. If there are no leaks and unit is functioning correctly.

16. Reinstall front panel with 5/16" screws.
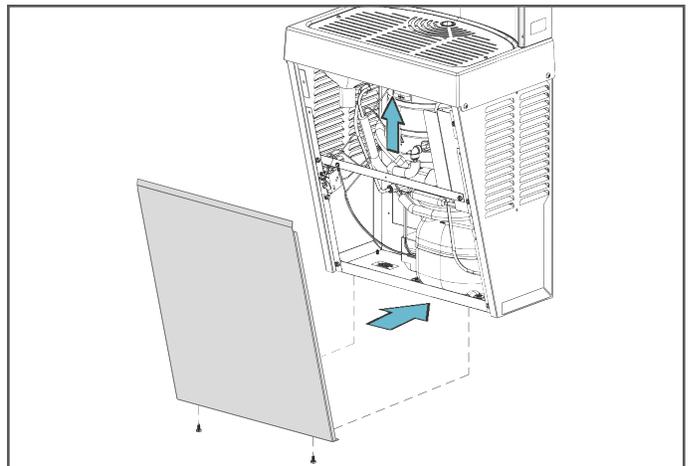
Note: Once power is applied to the bottle filler, the GREEN LED light should illuminate showing good filter status (if equipped with filter) along with the LCD Bottle Counter.

GREEN: 0 - 80% of Filter Life or 0 - 11 Months (Whichever Comes First).

YELLOW: 80 - 100% of Filter Life or 11 - 12 Months (Whichever Comes First).

RED: 100% Plus of Filter Life or 12 Months (Whichever Comes First).

17. Reset the filter status indicator:

The programming button is located at the top right side of the unit on the control board.

1. To access the program button, take off the top cover of the bottle filler by removing the two screws holding it in place.
2. Remove the screws using a 5-32 inch Allen wrench (Do not discard the mounting screws; they will be needed to reinstall the top cover once programming is complete).

Screw
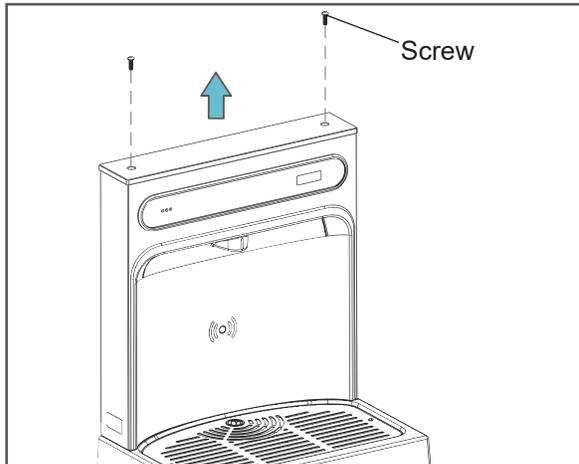
3. Remove the top cover.

Top Cover

4. To remove the cover, depress the program button when the display reads RST FLTR.
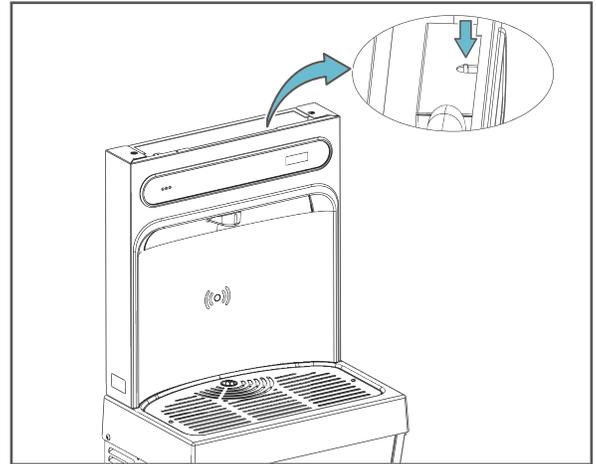
5. Depress the program button when the display reads FLTR = and the display will change to FLTR = 0.

6. The green LED on the bottle filler panel should now be illuminated indicating that the filter monitor has been reset.

7. Filter Reset is complete.

Picture is Cooler Only Without Bottle Filler

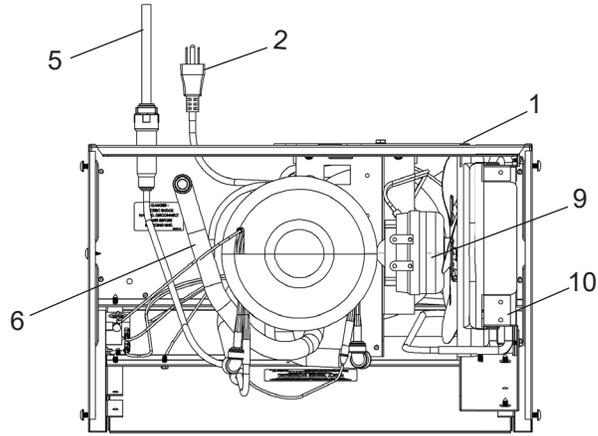*Note*: Danger! Electric shock hazzard. Disconnect power before serving unit.
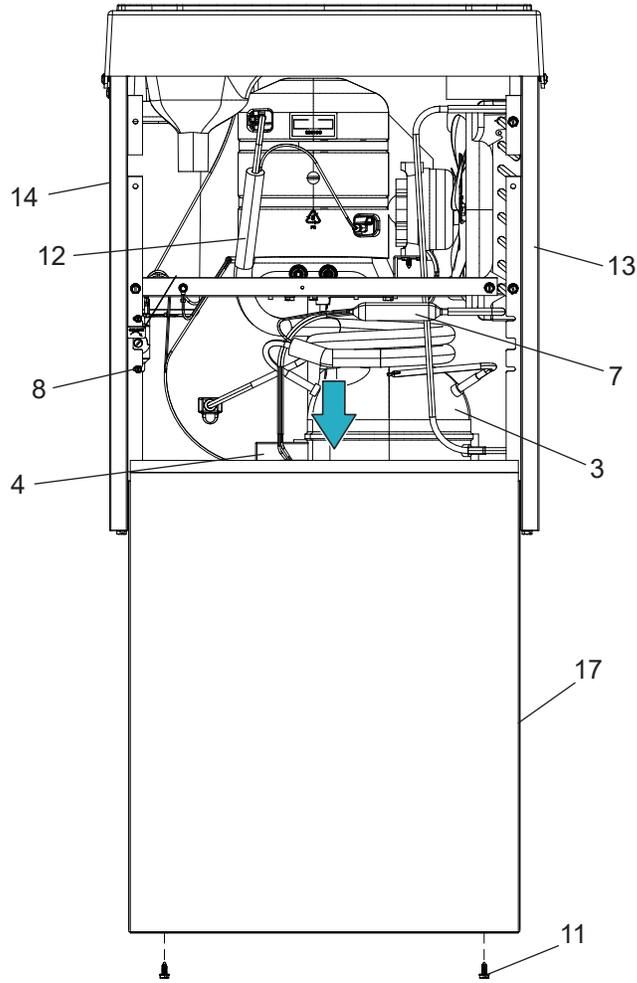
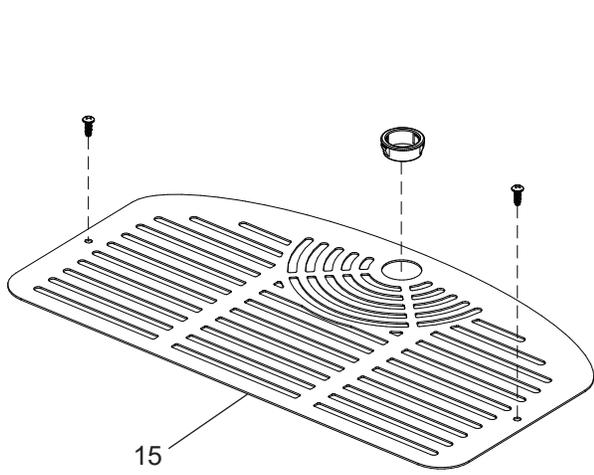**Fig 1: Cooler Top View (EZ8WS Shown)**

Fig 2: Cooler Front View
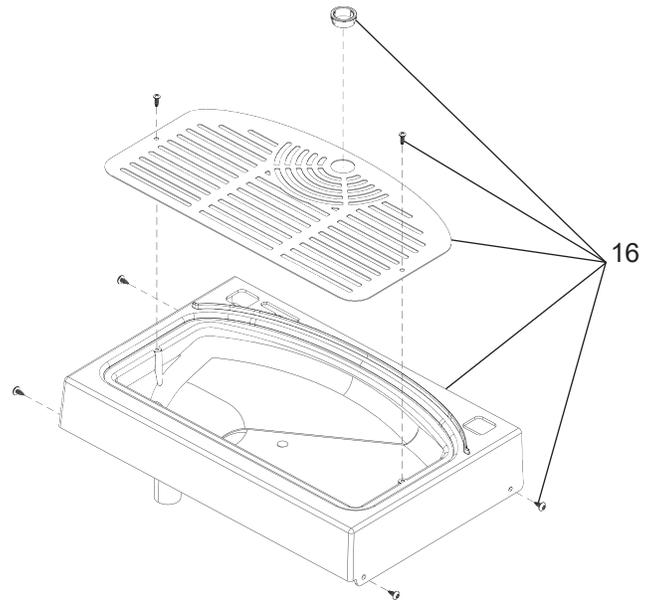
15

Fig 3: Basin Cover

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Fig 4: Basin Assembly Kit

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Wall Mounting Plate

Bottle Filling Unit
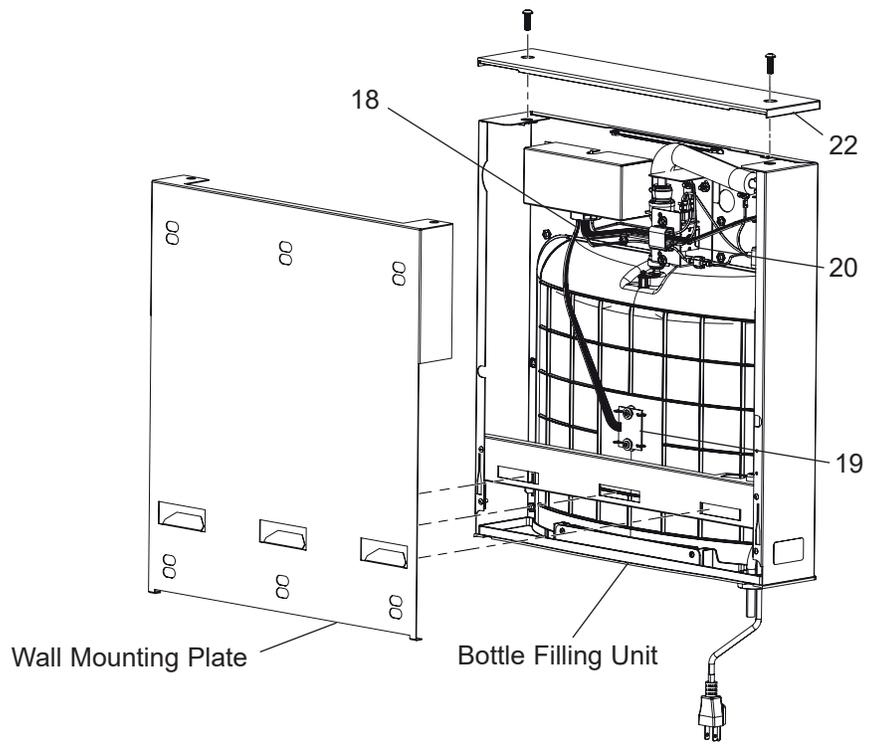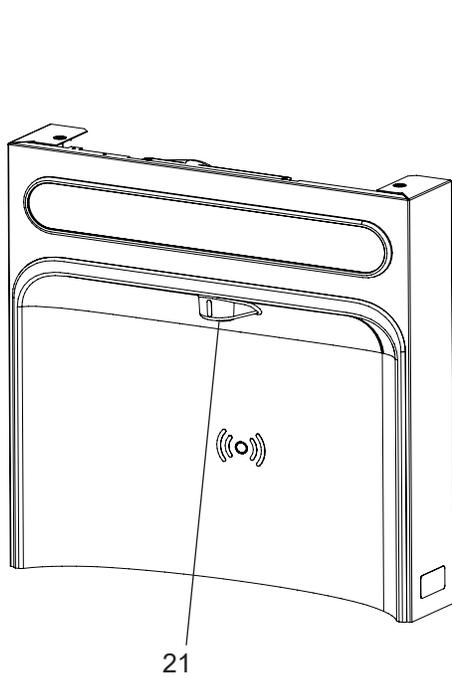
Fig 5: Front View with Aerator

Operation of Quick Connection Fitting

SIMPLY PUSH IN TUBE TO ATTACH	TUBE IS SECURED IN POSITION	PUSH IN COLLET TO RELEASE TUBE
A	B	C

PUSHING TUBE IN BEFORE PULLING IT OUT HELPS TO RELEASE TUBE
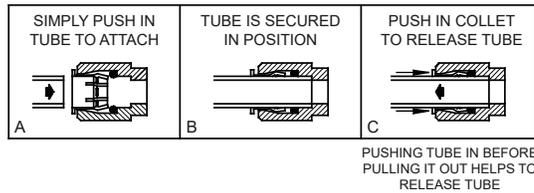
Fig 6: Poly Tube Quick Connect Fitting
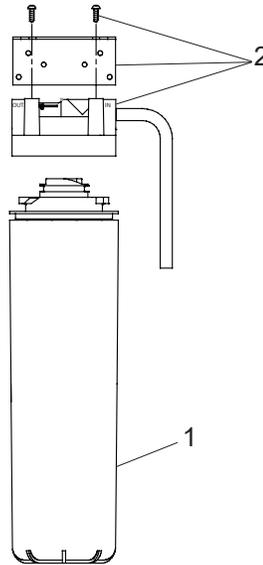
Fig 7: Filter and Filter Head

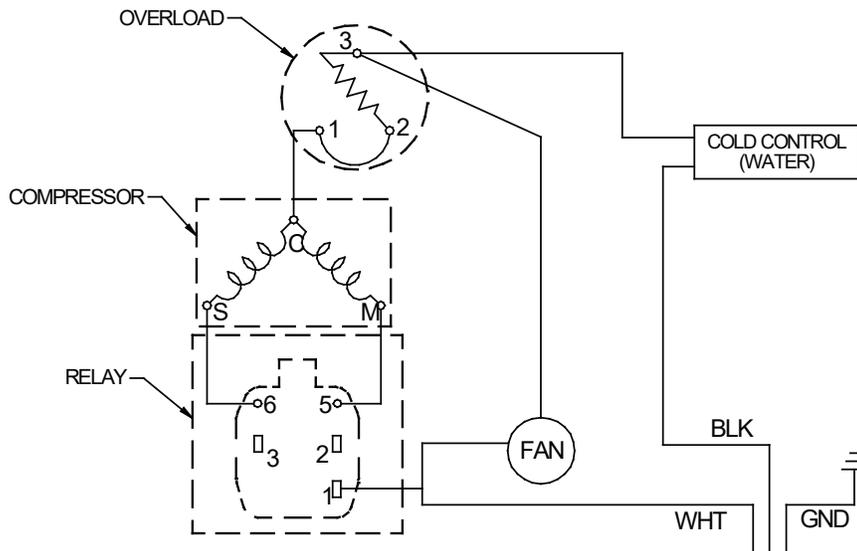| FILTER PARTS LIST		
(See Fig 7: Filter and Filter Head)		
ITEM NO.	PART NO.	DESCRIPTION
1	51300C	Filter Assy-3000 Gal
2	0000000746	Assy-Filter & Bracket includes Fltr Head/Mtg Bkt/John Guest Ftgs/Screws

Fig 8: 115V Wiring Diagram

Cooler Parts List

ITEM NO.	PART NO.	DESCRIPTION
1	28551C	Hanger Bracket
2	36208C	Power Cord
3	*36322C	Compressor Serv. Pak EMIS70HHR
4	0000000238	Kit - Electricals /OL/Relay/Cvr
5	55996C	Strainer (See "General Instructions")
6	56092C	Tubing - Poly (Cut To Length)
7	66703C	Drier
8	98773C	Kit - Cold Control/Screws
9	98775C	Kit - Fan Motor Assy/Blade/Motor/Shroud/Nut
10	98776C	Kit - Condenser/Drier
11	98777C	Kit - Compr Mtg Hdwe/Grommets/Clips Studs
12	98778C	Kit - Heat Exchanger/Drier
13	28525C	Panel - Right Rear
14	28528C	Panel - Left Rear
15	2000000075	Kit - Basin Cover
16	2000000076	Kit - Basin Assembly
17	1000006133	Panel - Front Cover
-	See Filter Table	Water Filter Kit (When Provided)

Bottle Filler Parts List

ITEM NO.	PART NO.	DESCRIPTION
18	98543C	Kit - Electrical Package
19	98544C	Kit - IR Sensor
20	1000004573	Kit - Solenoid Valve Replacement
21	98546C	Kit - Aerator Replacement
22	98547C	Kit - Top Cover Replacement

*Replace With Same Compressor Used in Original Assembly.

Note: *All correspondence pertaining to any of the above components for repair parts MUST include Model No. and Serial No., name and part number of replacement part.*

EZ8WSLSMC_1G   EZ8WSSSMC_1G   LZ8WSLSMC_1G   LZ8WSSSMC_1G

ELKAY®