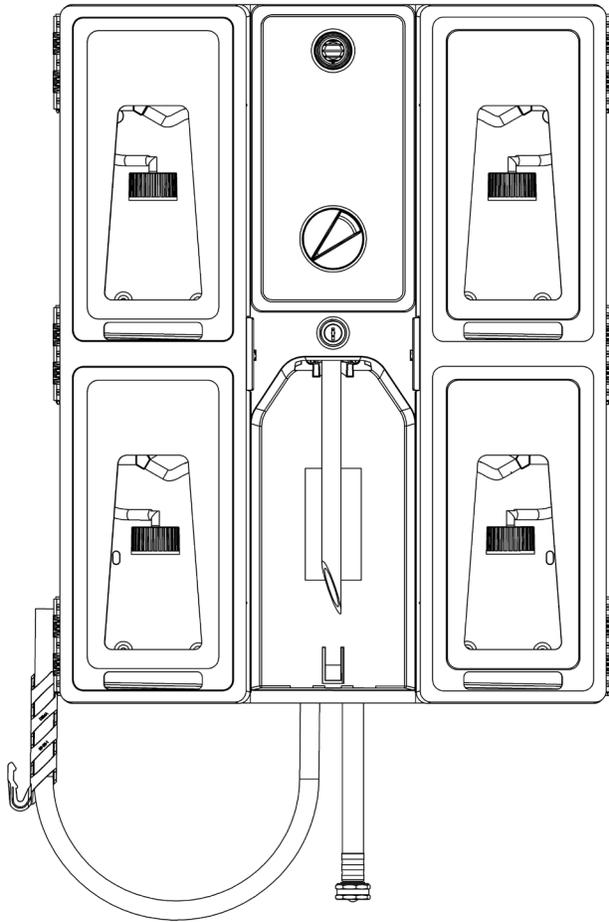


4 Button Chemical Dispenser

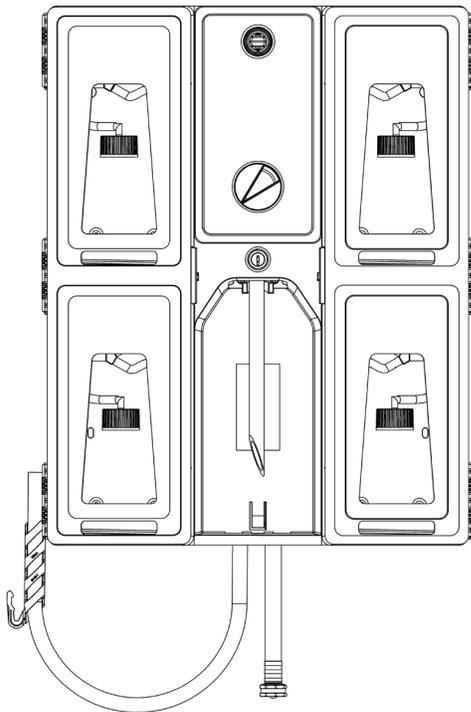
Installation Instructions



Overview

The 4 Button Chemical Dispenser makes users more efficient, filling bottles and buckets with ease and quickness.

I-1099



Package Contains:
 Mounting Template
 Mounting hardware & key set
 4 Button Chemical Dispenser
 Instruction sheet
 4 pre-installed cap assemblies

Suggested Tools:
 Hammer
 Phillips screwdriver
 Drill w/ 3/16" & 9/32" bits
 Level
 Pencil

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Dispenser Use Icons

Bucket picture

This icon indicates bucket fill activation point



Bottle picture

This icon indicates bottle activation point



Operational Requirements

Water Supply Requirements

	Minimum	Maximum
Water Pressure	20 psi (1.38 bar)	125 psi (8.62 bar)**
Water Temperature	-	150°F (65.5°C)

** Recommended water pressure is between 20 psi (1.38 bar) and 70 psi. (5.52 bar). If pressure exceeds 70 psi, it is recommended that a water pressure regulator is used.

Warnings

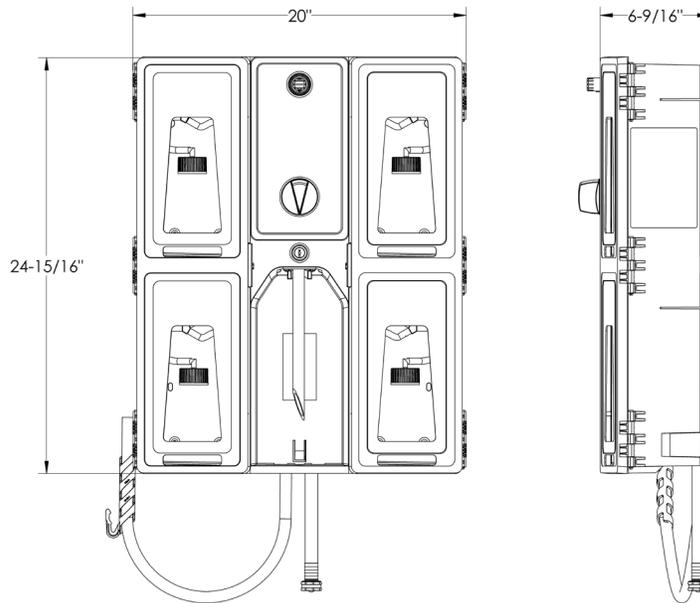


All installations must conform to local plumbing codes and use approved backflow prevention devices. A pressure indicating tee is to be installed with existing faucets according to local plumbing codes in the state of Wisconsin and any other state that requires the use of a pressure indicating tee.



ALWAYS WEAR PROTECTIVE CLOTHING AND EYEWEAR WHEN WORKING WITH CHEMICAL PRODUCTS

Overall Dimensions



Installation & Preparation

1. Select desired location and position and hang mounting template.
2. Mark out the screw locations on the wall based on template.
3. Pre-drill holes using 9/32" drill bit and install supplied anchors.
4. Thread top two screws in anchors leaving enough space to hang dispenser on top two key hole slots.
5. Unlock and open doors to 4 Button Chemical Dispenser. (Figure 1)
6. Hang dispenser from screws and begin threading bottom two screws into bottom two anchors.
7. Confirm unit is level, then tighten screws against dispenser to ensure a secure fit.
8. Install Drip Tray by sliding into place against tab in back of drip tray holder.
 [Optional: Drill 3/16" hole into drip tray barb and attach 7/32 " ID hose for draining chemical from drip tray]
 (Figure 2)
9. Insert chemical containers in their respective locations. Attach pre-installed caps to the chemical containers.
10. Close and lock the cabinet doors.
11. Connect the supplied water hose to your water source.

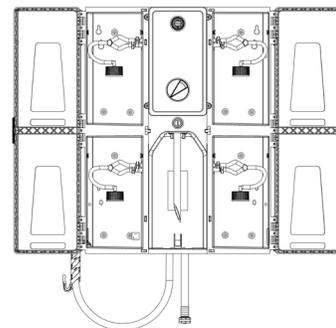


Figure 1

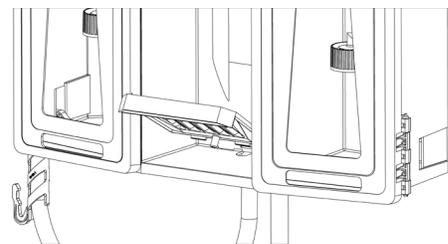


Figure 2

Operation

Chemical Selector Dial (Figure 3)

1. Turn the chemical selector dial to the desired chemical position, indicated by the directional arrow.
2. Dispense chemical by either activating the bottle fill lever or bucket fill button.
3. For rinse water, point the dial straight down at the water symbol- This is not potable water, do not drink.

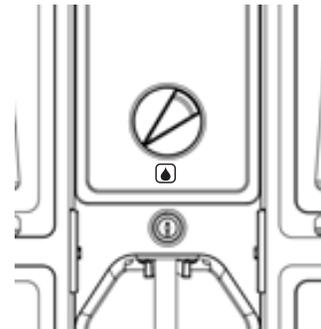


Figure 3

Dispenser Activation Points – Bottle Fill (Figure 4)

1. Slide the bottle tube inside the spray bottle and raise the bottle to engage the u-shaped lever of the bottle fill assembly.
2. To stop filling, lower the bottle and the lever will disengage.
3. Be careful when removing the spray bottle so as to not splash residual chemical.

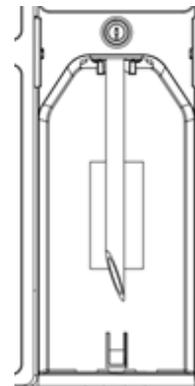


Figure 4

Dispenser Activation Points – Push Button Bucket Fill (if equipped) (Figure 5)

1. Place end of long hose into mop bucket or automatic scrubber.
2. To start the flow of diluted chemical, press button on unit above selector dial.
[For continuous flow, twist button clockwise]
3. To disengage, release button.
[or twist button counterclockwise]

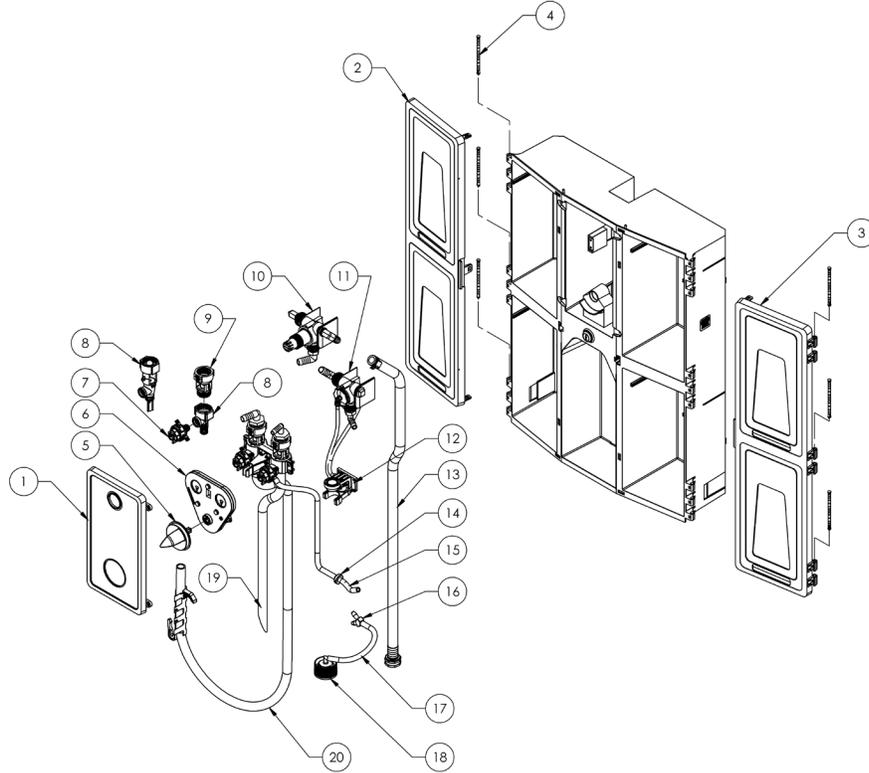


Figure 5

Troubleshooting

Symptom	Probable Cause	Remedy
Proportioner fails to draw chemical properly.	<ol style="list-style-type: none"> 1. Insufficient water supply pressure. 2. Cap has chemical build-up 3. The outlet tubing might be pinched closed. 4. Mineral deposits are built up in the in the proportioner. 	<ol style="list-style-type: none"> 1. 20 PSI is the minimum allowable pressure. 2. Soak in hot water to clean. 3. Straighten out the tubing to remove the restriction. 4. Soak proportioner in delimer to clean mineral deposits.
"Air Gap" Proportioner is dripping or spraying a mist (fan pattern) of water.	<ol style="list-style-type: none"> 1. Mineral deposits are located on Air Gap nozzle. 	<ol style="list-style-type: none"> 1. Soak nozzle and inlet screen in delimer to clean mineral deposits.
Water valve is not shutting off completely.	<ol style="list-style-type: none"> 1. Bottle Fill valve will not shutoff. 2. Bucket Fill valve will not shutoff 	<ol style="list-style-type: none"> 1. Make sure bottle fill hose is not pressed against the lever. 2. Make sure bucket fill lock is not engaged
Water valve is leaking.	<ol style="list-style-type: none"> 1. Barbed nut is too loose. 	<ol style="list-style-type: none"> 1. Shut water supply off first. Hand-tighten the barbed nut. Do not over tighten w/tool.
Threaded connections are leaking water.	<ol style="list-style-type: none"> 1. The connection between the dispenser and water supply line is too loose or rubber washer is missing. 2. Backflow prevention devices and/or proportioners are too loose. 	<ol style="list-style-type: none"> 1. Shut water supply off first. Carefully tighten the female hose coupling on the dispenser to the inlet water supply line. Do not over tighten. 2. Tighten loose connection(s) with tools if necessary. Do not over tighten if using tools.
Selector valve is not selecting the correct chemical	<ol style="list-style-type: none"> 1. The transmission assembly is malfunctioning. 	<ol style="list-style-type: none"> 1. Make sure the transmission is engaged with the selector valves. If problem persists, replace transmission assembly.
Water is leaking in between the two water valves	<ol style="list-style-type: none"> 1. Plastic fitting connecting the water valves has lost its seal. 	<ol style="list-style-type: none"> 1. Remove the plastic fitting and apply silicone grease to both o-rings and reattach to the valves.

Parts List



No.	Part No.	Description
1	14-3-3	Cover plate (Button operated)
2	14-2-3	Door – Left side
3	14-2-4	Door – Right side
4	10-47	Hinge Pin
5	66-339-1	Knob
6	83-53-15	Transmission Assembly
7	63-53-12	Selector Assembly
8	163CHA-NB	2.5 GPM Action Gap Proportioner
9	16-30	Action Gap Assembly
10	14-5-2	Push Button Valve Assembly
11	14-6-1	Bottle Fill Valve Assembly
12	98-58-1	Lever Assembly
13	44-3-6FCOS	6' Black Hose Assembly with Strainer
14	14-16-1	Check Valve (Threaded)
15	100-12-18	7/32" Tubing, 2"
16	66-500-1	Wye Adapter
17	100-12-19	7/32" Tubing, 5"
18	C38CR4W.00	Cap Assembly
19	66-242-1	Bottle Fill Tube – Action Gap
20	89-30-GAP	Bucket Fill Tube – Action Gap

Parts Not Shown

Part No.	Description
66-21K	Keypad
10-57-2	Drip Tray
98-40-4	Screw & Anchor Kit
100-12-38	7/32" Tubing, 15"

Warranty

Merchandise Returns

No merchandise will be returned for credit without manufacturer's written permission. Please contact your dealer for warranty issues.

Product Warranty

Manufacturer's products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products that have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, physical abuse, or misapplication. Rubber and synthetic rubber parts such as "O"-rings, diaphragms, PVC tubing, and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of manufacturer products. If products are altered or repaired without prior approval of manufacturer, this warranty is void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. manufacturer assumes no liability for damages. Return merchandise authorization number must be granted in advance of returned units for repair or replacement (See "Merchandise Returns" above).