

User Manual

Clean on the Go[®] Dispenser





Clean on the Go®
Low-Flow Dispenser
(Bottle fill)



Clean on the Go®
High-Flow Dispenser
(Bucket fill)

WHAT'S IN THE BOX:

1. Dispenser with mounting bracket
2. Pick up tube - 4m (13ft) (1 roll for each product)
3. Discharge hose (2m [6.5ft] for 3.5, 4 and 8 GPM or "S" shaped discharge tube for 1 GPM spray bottle fill)
4. Hose hanger (bucket fill only)
5. Complete installation kit:
 - Plastic clamps (2 pcs for each product)
 - Metering tips (1 bag for each product)
 - Foot filter and non-return valve assembly (1 piece for each product)
 - Ceramic weight (1 piece for each product)
 - Anchors (3 pcs)
 - Screws (3 pcs)
 - 3/4" male GHT fitting
 - Adhesive labels for product identification (1 chart for each product)
 - 6ft water supply hose

TECHNICAL FEATURES

Water supply connection	Possible from right or left		
Type of connection	3/4" Female GHT		
Type of disconnection	F-Gap (Flexible membrane)		
	A-Gap (Physical, visible gap)		
Venturi flow rates	1 GPM (Gray)	3.5 – 4 GPM (Yellow)	
Actuating systems	Button		
No. of product inlets	1 (models B1 and S1)		
Maximum dimensions	H = 22 cm (8 3/4")	W = 10 cm (3 7/8")	D = 12 cm (4 5/8")
Working pressure	Min 15 PSI (1 bar)		Max 130 PSI (9 bars)
	Ideal: 30 – 60 PSI (2 – 4 bars)		
Temperature	Max 160° F (70° C)		
Notes	Possibility of adding modules after installation		

READ CAREFULLY BEFORE INSTALLING

- The correct procedures for dispenser installations are provided.
- Do not install where the dispenser is directly exposed to vapors or chemical fumes. Do not position near sources of heat.
- Protect yourself: wear protective clothing and eye-wear when installing or maintaining the system, take specific precautions as necessary.
- Follow the safety and handling instructions.
- Direct product discharge hose only into a specific container—not toward yourself or another person.
- Calibrate the dosing as per the product label instructions.
- This unit is supplied with an internal back-flow prevention device to avoid water supply contamination. Local compliances standards may vary. Some jurisdictions may require a back-flow prevention device at the system's water inlet.
- The maximum operating pressure is 9 bars (130 PSI) and is intended as a maximum static pressure applicable to the system. Care should be taken that the equipment cannot produce scenarios of over-pressurization, which could cause damage to the structure of the system. The use of a pressure reducer is always recommended and the installation of a tap on the water outlet of the system, which can be closed when the system itself is not in use.

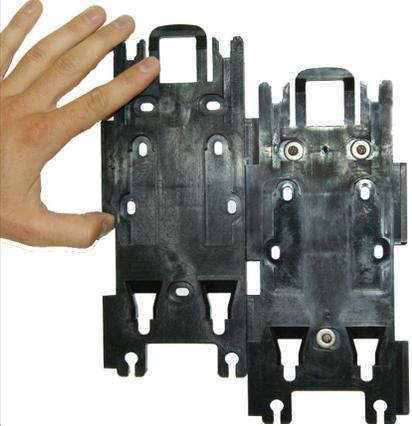
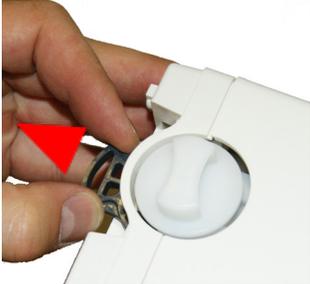
i To prevent siphoning and to comply with ASME A112.1.2, install the dispenser so the end of the discharge tube is a minimum of 10 cm (4") above the flood level of the sink or other fixed container.

i The dispenser should be installed approximately 1.5 m (5 ft) from the ground and near the chemical containers for convenient use.

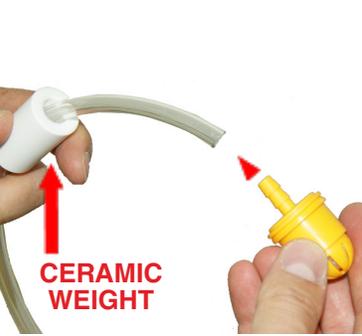
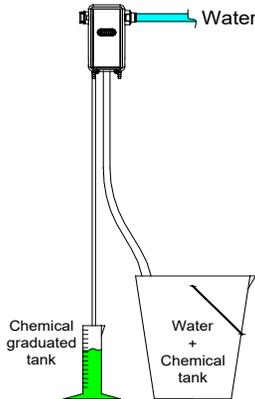
INSTALLATION OF A SINGLE UNIT

STEP 1	STEP 2	STEP 3
 <p>Use the mounting bracket as a template to mark the mounting hole pattern. Drill the holes for the supplied 1/4" anchors and secure the bracket with the three supplied screws.</p>	 <p>Attach the system to the mounting bracket and slide it down...</p>	 <p>...until the top tab clicks in place, securing the system to the mounting bracket.</p>
 <p>Slide in the discharge hose (2 m / 6.5 ft or "S" tube) over the barbed fitting, securing it into place.</p>	 <p>Connect the water inlet supply hose and tighten firmly with pliers.</p>	

INSTALLATION OF A MULTIPLE UNIT

STEP 1A	STEP 2A	STEP 3A
 <p>To install a multiple unit system, start by installing the first bracket on the wall as illustrated in Step 1. Then slide the second bracket into the slot from top to bottom on the left side of bracket 1 until they are properly aligned and secure. Repeat step 1 for bracket two.</p>	  <p>Unlock the left side of the first system by pulling the rear clip to its outward most position as shown and remove the end cap.</p>	  <p>Unlock the right side of the second system by pulling the clip to its outward most position and remove the water connection.</p>
  <p>Insert the unit connector (#99097, sold separately) into the first unit as illustrated.</p>	  <p>Connect the second unit to the first.</p>	 <p>Apply the combined system onto the bracket and complete the installation as per step 3.</p>

PRODUCT PICKUP TUBE AND TIP INSTALLATION

STEP 7	STEP 8	STEP 9
 <p>Select a suitable tip and insert it completely into the barbed tip seat as shown. To determine the correct tip, refer to the tip chart.</p>	 <p>Connect the product supply tube or product pickup tube.</p>	 <p>Cut the tubing to the required length. Connect the foot valve / filter to the hose. Slide the ceramic weight over the tube and as far as possible over the barbed fitting on the yellow foot valve.</p>
<p>STEP 10</p> <p>Tip calibration</p> <ol style="list-style-type: none"> 1. Fill a graduated cylinder with the concentrated product. 2. Using the chart in the manual, select and insert the tip closest to the desired dilution ratio. 3. Insert the pickup hose into the graduated cylinder. 4. Put the outlet tube into an open container and push the button or lever in order to activate the system. Draw up the product until the pickup tube is completely filled. 5. Switch the system off and insert the delivery hose in a 1 gallon (or 5 liter) container. 6. Mark the level of the product in the graduated container. 7. Switch the system on again until the 1 gallon (or 5 liter) container is completely full. 8. Switch the system off and read the quantity of product in the graduated container. 9. The difference in the product levels for points 6 and 8 indicates the amount of product mixed per gallon (or liter). 	<p>STEP 11</p>  <p>Use a cable tie to secure the tube on the barbed tip seat. For a 4-product selector, repeat the operations from step 7 to 11 for each product.</p>	

HYDRAULIC FEATURES: DILUTION RATIOS

Note: The following dilution ratios should be considered only as an initial reference. Variable factors such as water flow/pressure, distance of product container to inlet fitting, and product viscosity often require field adjustments.

- ① Based on water pressure and consistency, and to achieve desired dilution, multiple tip options are provided.

Description	Part code	Flow rate (gpm)	Plumbing standard	Dilution (oz/gal)		
				2	0.5	0.25
Clean on the Go® Low-Flow (e-gap)	99093	1	e-gap	Aqua (0.46mm)		
Clean on the Go® Low-Flow (air-gap)	99094	1	air gap	Mint Grn. (0.41mm)		
Clean on the Go® High-Flow (e-gap)	99095	3.5	e-gap	Orange (0.63mm)	Purple (0.36mm)	Burgundy (0.21mm)
Clean on the Go® High-Flow (air-gap)	99096	3.5	air gap	Brown (0.58mm) Yellow (0.51mm)	Pink (0.25mm)	

- ① The dilution data given are determined under 40 PSI of pressure and 5.28 GPM flow rate. To set a desired flow rate, a pressure regulator may be needed in cases where flow pressure is excessive. Where the minimum and maximum flow properties are not available, consult a plumber to remedy the situation.

- ① Flow volume needed from the pipe line to reach the optimal flow rate of the venturi:
- Gray venturi 1 GPM nominal flow rate: Needs at least 3.5 – 4 GPM from the pipe line
 - Yellow venturi 3.5 – 4 GPM nominal flow rate: Needs at least 7 GPM from the pipe line

Accessories	Dilution (oz/gal)	Part code
Unit connector	NA	99097
Rack	NA	99073
Mating caps	NA	914900
Low-Flow Mint Green tip (0.41mm)	2	99115
Low-Flow Aqua tip (0.46mm)	2	99112
High-Flow Orange tip (0.63mm)	2	99109
High-Flow Brown tip (0.58mm)	2	99110
High-Flow Yellow tip (0.51mm)	2	99111
High-Flow Purple tip (0.36mm)	0.5	99113
High-Flow Pink tip (0.25mm)	0.5	99116
High-Flow Burgundy tip (0.21mm)	0.25	99117

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
System does not dispense solution	1. Water inlet strainer is clogged	1. Clean it or replace if necessary
	2. Too much water pressure	2. Use a water pressure regulator in case of more than 130 PSI (9 bars) water pressure
	3. Insufficient water pressure	3. 15 PSI (1 bar) is the minimum required pressure. If not available, consult a plumber.
	4. The venturi is clogged	4. Soak venturi in hot water and inspect visually, gently removing debris. Replace assembly if needed.
	5. Activation valve is clogged by mineral	5. Soak the valve assembly in a solution of hot water and limescale remover. Replace assembly if needed.
Water flow won't stop	1. Activation valve is clogged by minerals or other waterborne debris	1. Soak the valve parts and valve seat in limescale remover to clean. Replace them if necessary.
Activation valve is leaking	1. Valve cap not tight enough to seat	1. Firmly hand-tighten the valve cap until leak stops.
	2. Not properly positioned	2. Reposition the valve or change it if necessary.
Connections and end cap are leaking	1. Missing o-ring in the connection fitting and/or end cap	1. Apply the o-ring or replace the entire part.
	2. O-ring in the connections or end cap are damaged	2. Replace the o-rings or replace the entire end cap.
F-gap back-flow preventer is leaking	1. Flexible membrane is damaged	1. Replace the back-flow preventer.
A-gap is spraying out and/or leaking	1. Limescale film or dirt on the A-gap's upper nozzle	1. Soak in hot water and limescale remover to remove buildup. Replace if necessary.
	2. Venturi coated with limescale or dirt	2. Soak in hot water and limescale remover to clean. Replace if necessary.
	3. There is a buildup or clog in the discharge hose	3. Clean the hose to eliminate restriction.
	4. Discharge hose is above the dispenser	4. Make sure the discharge hose dispenses below the dispenser, insuring no back pressure.
Improper concentration of chemical or no suction	1. Insufficient water pressure	1. 15 PSI (1 bar) is the minimum working pressure. Check plumbing options.
	2. Metering tip clogged	2. Replace tip.
	3. Foot valve clogged	3. Soak in hot water. Hand-clean or change it.
	4. Venturi or back-flow preventer clogged	4. Soak in hot water or limescale remover to clean. Replace if necessary.
	5. Air leak in chemical pickup tubing line	5. Check the entire line. Replace the tubing and check the connections and cable tie.
	6. Product is too thick	6. Change the pickup hose. Switch to a bigger diameter (need 1/4 x 5/16" coupler).
	7. Product container is too far from the system	7. The standard installation is positioning the tank under the system (5 ft max).
	8. Excess concentration	8. Tip is not the correct one or not fully seated. Pressure variations can require adjustment from chart recommendation.
System continues to draw chemical after the valve is closed	1. Chemical tank is positioned higher than the dispenser, causing siphoning	1. Move chemical container below the dispenser discharge point.