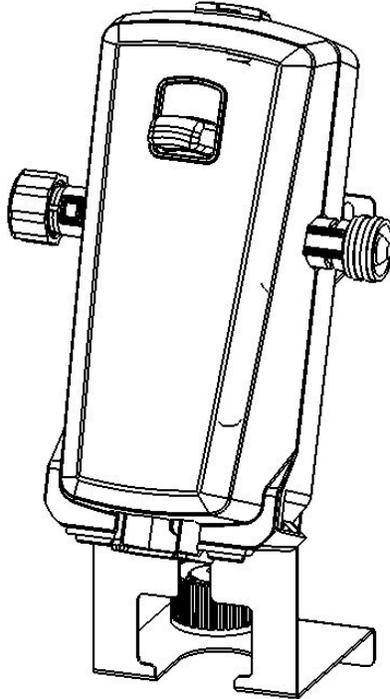




TRIPLE S Navigator Dilution Control System 23201 and 23201 Chemical Dispensers



Overview

The Navigator Dilution Control System dispenser series accurately dilutes chemical concentrates with water and dispenses the diluted mixture to fill buckets and scrubbers or to fill bottles and small containers. Each dispenser developed specifically for Triple S chemicals.

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.

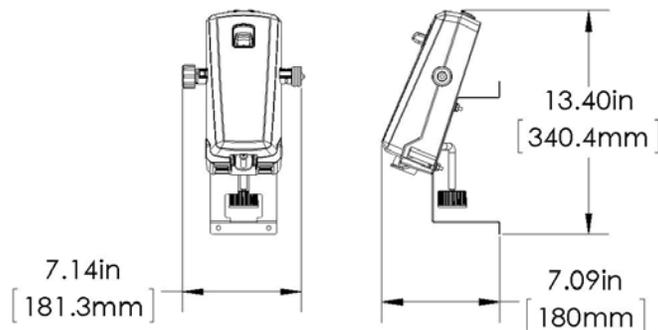
Operational Requirements

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 30 psi (1.38 bar) and 70 psi. (5.52 bar). If pressure exceeds 70 psi, it is recommended that a 60.18 regulator is used.

Overall Size



Installation

Mounting

Dispenser Only



1. Position the dispenser on the wall and mark the screw locations. See attached mounting template
2. Install the supplied anchors in the wall.
3. Mount the dispenser to the wall with the supplied screws. We recommend the use of four mounting screws (two on top, two on bottom).

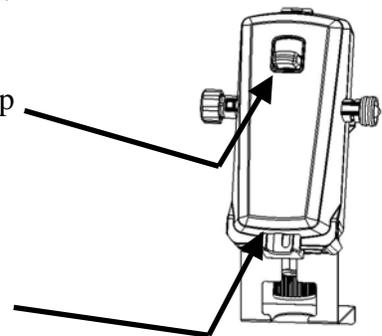
Water Supply

1. Water supply must have pressure between 20 psi (1.38 bar) and 125 psi (8.62 bar).
2. Attach a water supply hose to the water inlet of the unit.

Operation

Dispensing of diluted chemical can be performed in a number of ways depending on the dispenser.

- Lever / Button Activation – The unit is operated by pushing up on the lever. This lever can be locked in an “On” position by depressing the lever inward. To unlock the “On” position, either depress the lever or push up on the bottle fill lever.
- Bottle Fill Activation – Slide a bottle up to the bottom of the unit and push up on the shown lever.



Troubleshooting

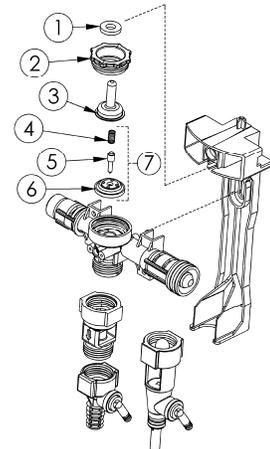
(Some models may not include all items listed below)

Symptom	Probable Cause	Remedy
Proportioner fails to draw chemical properly.	<ol style="list-style-type: none"> 1. Insufficient water supply pressure. 2. Chemical metering tip clogged with dried chemical. 3. Mineral deposits are built up in the in the proportioner. 	<ol style="list-style-type: none"> 1. 20 PSI is the minimum allowable pressure. Seek Plumber if necessary to increase water pressure. 2. Install new chemical bottle. 3. Soak proportioner in delimer or off the shelf product such as CLR 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 or off the shelf product such as CLR to clean and remove mineral deposits.
Water valve is not shutting off completely.	<ol style="list-style-type: none"> 1. “Sliding lever” return spring may be missing. 2. “Sliding lever” is not returning all the way down due to interference between the sliding lever and either the chemical supply and/or outlet tubing. 3. Bucket fill outlet hose is catching the bottom edge of the sliding lever during normal usage. 	<ol style="list-style-type: none"> 1. Remove cover and visually check for sliding lever return spring. Replace if missing. 2. Remove cover and visually check for any tubes rubbing the sliding lever. Routing of chemical supply and outlet tubing must not restrict the movement of the sliding lever. Reroute tubing. 3. Don’t pull the bucket fill outlet hose too tight from either side otherwise sliding lever may not return properly.
Water valve is leaking.	<ol style="list-style-type: none"> 1. Enclosing tube nut is too loose. 2. One or more of the valve o-ring connections are out-of-position. Identify each leak before disassembly. 	<ol style="list-style-type: none"> 1. Shut water supply off first. Hand-tighten the enclosing hose nut. Do not overtighten w/tool. 2. “O-ring” seals may be pushed out of place or missing when sub-assembling valve together.
Threaded connections are leaking water.	<ol style="list-style-type: none"> 1. The connection between the blend center 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 blend center to the inlet water supply line. Do not overtighten. 2. Tighten loose connection(s) with tools if necessary. Do not overtighten if using tools.
Proportioner continues to draw chemical after water valve is closed.	<ol style="list-style-type: none"> 1. Concentrated chemical is positioned higher than the proportioner. 	<ol style="list-style-type: none"> 1. Move the concentrated chemical so it is lower than the proportioner.

Parts List

BOTTLE/HOSE FILL APPLICATIONS

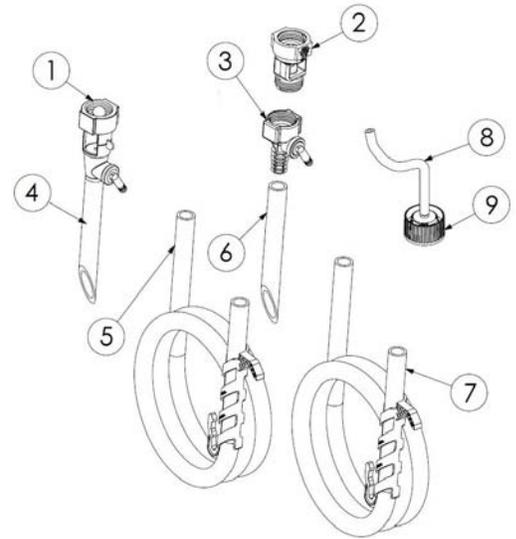
NO.	PART NO.	DESCRIPTION
1	63-35	Magnet
2	98-7-2	Enclosing Tube Nut
3	41-7-25	Enclosing Tube
4	98-41-1	Spring
5	98-24-1	Plunger
6	41-15-10	Diaphragm With Center Hole EPDM
7	98-25-1	Bottle/Hose Repair Kit



Parts List Continued

BACK FLOW & PROPORTIONING DEVICES

NO.	PART NO.	DESCRIPTION
1	61-45-BAG	Proportioner Assembly (2.5 GPM)
2	16-30	Action Gap Assembly
3	T.B.D.	Proportioner Assembly (2.5 GPM)
4	85-15-29-5	Tube, 9/16" I.D. Outlet Assembly
5	85-15-29-6	Outlet 9/16" I.D. Hose W/Hanger (6' LG)
6	85-15-29-3	Tube, 1/2" I.D. Outlet Assembly
7	85-15-29-4	Outlet 1/2" I.D. Hose W/Hanger (6' LG)
8	98-45-1	Tube, 7/32" I.D. Inlet
9	C38NS4K-08	Safe Link Cap



MOUNTING HARDWARE

NO.	PART NO.	DESCRIPTION
1	98-40-4	#10 Screw & Anchor Kit

Warranty

Merchandise Returns

No Merchandise will be returned for credit without Manufacturer's written permission. Returned Merchandise Authorization number is required in advance of return.

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. 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).

Please contact your Triple S Dealer for warranty support.

Manufactured for:



BILLERICA, MA 01862

800-323-2251 www.triple-s.com



Dispenser Mounting Template

