



Soft Wash Long Range Chemical Nozzle Kit

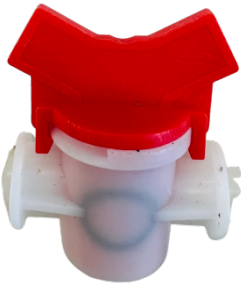
SKU: 015011

INSTRUCTION MANUAL

Features

- Apply chemicals at the desired amount according to the proportioner on the spray core.
- Siphon the detergent from a separate container.
- Chemical or soap passes through the nozzle directly, which will not damage the pump, hose, gun, or wand.
- Spray chemicals or water from the same nozzle of the gun by turning on or off the switch.

Package List

		
Chemical injector nozzle	Colored proportioners	Poly braid suction hose
		
Shut off valve	Ball strainer screen	Clamps

Installation

Note: A 1/4" quick connector is required on your pressure washer gun or wand (the connector is not included).

1. Put the proportioner into the chemical injector nozzle.
2. Push the poly braid suction hose onto the brass hose barb of chemical injector nozzle.
3. Connect the chemical injector nozzle to your pressure washer wand or gun.
4. Put Ball strainer screen with poly braid suction hose into your chemical tub.
5. Open the shut off valve to start washing with chemicals. Close the valve for rinsing only.

Proportioner Chart: Water to Chemical Mixture



Determine the ratio of water to chemicals according to the cleaning solution instructions. Choose the proper proportioner, according to the gpm of your machine and the chart below.

Note: This is an approximate ratio; it may vary depending on the altitude or configuration of your pressure washer. If you need precise measuring, please test the equipment to find the best ratio for your application.

Alphabet Model	1.85 gpm	3.0 gpm	4.0 gpm	5.0 gpm	6.0 gpm	8.0 gpm
A	1.4-1	2-1	2.5-1	3-1	4-1	4.9-1
B	3-1	4-1	5-1	6.5-1	8-1	11-1
C	6-1	8-1	10-1	13-1	16-1	20-1
E	9-1	12-1	16-1	20-1	24-1	28-1
F	16-1	22-1	30-1	38-1	45-1	51-1
G	20-1	27-1	37-1	46-1	55-1	61-1
H	28-1	38-1	50-1	64-1	77-1	85-1
J	31-1	42-1	57-1	70-1	85-1	90-1
K	35-1	48-1	64-1	80-1	96-1	102-2
L	48-1	66-1	88-1	110-1	133-1	145-1
M	70-1	96-1	128-1	158-1	191-1	215-1
N	94-1	128-1	170-1	215-1	257-2	284-1
P	146-1	200-1	240-1	300-1	400-1	501-1
Q	280-1	383-1	500-1	480-1	766-1	906-1

Safety Precautions

- Use this tool for its intended purpose only.
- The long-range external chemical injection must be installed correctly with the installation instructions provided.
- Follow all chemical instructions and safety precautions while operating.
- This is a high-pressure spraying system nozzle. Water or chemicals under high pressure can cause serious injury if not used correctly. Always use proper personal protective equipment when using the nozzle. Wear eye protection whenever using this tool.
- This nozzle needs a 1/4" quick connect fitting to your pressure washer gun or wand. Make sure the nozzle is securely attached to the quick connect before using it.
- Only operate on the ground. Do not use it whilst on a ladder or any elevated surface.
- Do not disconnect the nozzle while the pressure washer is working.
- Remove dirt from the nozzle with periodic maintenance. If the nozzle stops flowing water, turn the pressure washer off immediately. Make sure all pressure is released from the pressure washer hose and gun before you disconnect the nozzle.
- After usage, flush the nozzle and hose assembly with water to extend the lifespan of the components.
- Store the nozzle separately when not in use to avoid damage to moving parts.
- Always aim the nozzle away from all surfaces and people when first turning the pressure on to ensure the nozzle is securely connected.

Washing Directions

Note: We recommend following the washing directions if you are not familiar with the ratios needed.

1. Prepare a 5-gallon bucket with 2 gallons of household bleach or 1/2 gallon of 12.5% sodium hypochlorite with household detergent in it. Add 1/4 cup of dish detergent soap and fill up the container with water. This solution should be used in a day, since household soaps increase the decomposition of the bleach rapidly. Industrial surfactants are recommended as their bleaching content is stable, so the solution can be used again for the next job.
2. The nozzle without a proportioner works better for this method, although the proportioners will save time and trips to refill your solution.
3. Place the end of the hose with the filter screen down into the container you are using.
4. Stand 6ft away from the area where you are cleaning and open the chemical valve. Start spraying the surface with the chemical.
5. Let the solution dwell for 2 minutes then close the chemical valve. Begin rinsing from the top down. Be careful to rinse the windows well to avoid streaking.
6. To avoid streaking after drying, please wash or rinse small sections at a time.

Note: These are only washing guidelines. The cleaning conditions may be different for each job. Canpump does not accept liability for cleaning or chemical applications involving this nozzle, as we cannot control its use or the conditions. Users familiar with required ratios, and the nozzle can select appropriate proportioners for mixing solutions as needed, eliminating the need for pre-mixing.

Troubleshooting

Problem	Cause	Solution
No chemical drawn out	1. Shut off valve is broken 2. Shut off valve is closed 3. Poly braid suction hose is ruptured 4. Dirt in barb or hose 5. Pressure washer is not working properly	1. Replace new valve 2. Twist valve to open 3. Replace new suction hose 4. Clean dirt out of the barb or hose 5. Ensure pressure washer is working before use
Water comes out too misty	Pressure washer is not working properly	Ensure pressure washer is working before use
Water shoots too close	Pressure washer is not working properly	Ensure pressure washer is working before use