

## #4119 NCL CLEAN SMART FOAM Dispensing Unit

**Package Contains:**

1. Spray / Foam Dispensing unit.
2. Mounted Metering Tips (Olive Green – Left; Yellow – Right)
3. 2 ea. F-Style Gallon Bottle Holders / Mounting Hardware
4. 2 ea. Bottle Connection Caps
5. Suction tubing: 1/4" x 14'. (for 2 tube sections)
6. Mounting anchor kit.
7. Special Multi-Function Dispensing gun

### THANK YOU FOR YOUR INTEREST IN OUR PRODUCTS

Please use this equipment carefully and observe all warnings and cautions.

\*\*\*\*\* NOTE \*\*\*\*\*

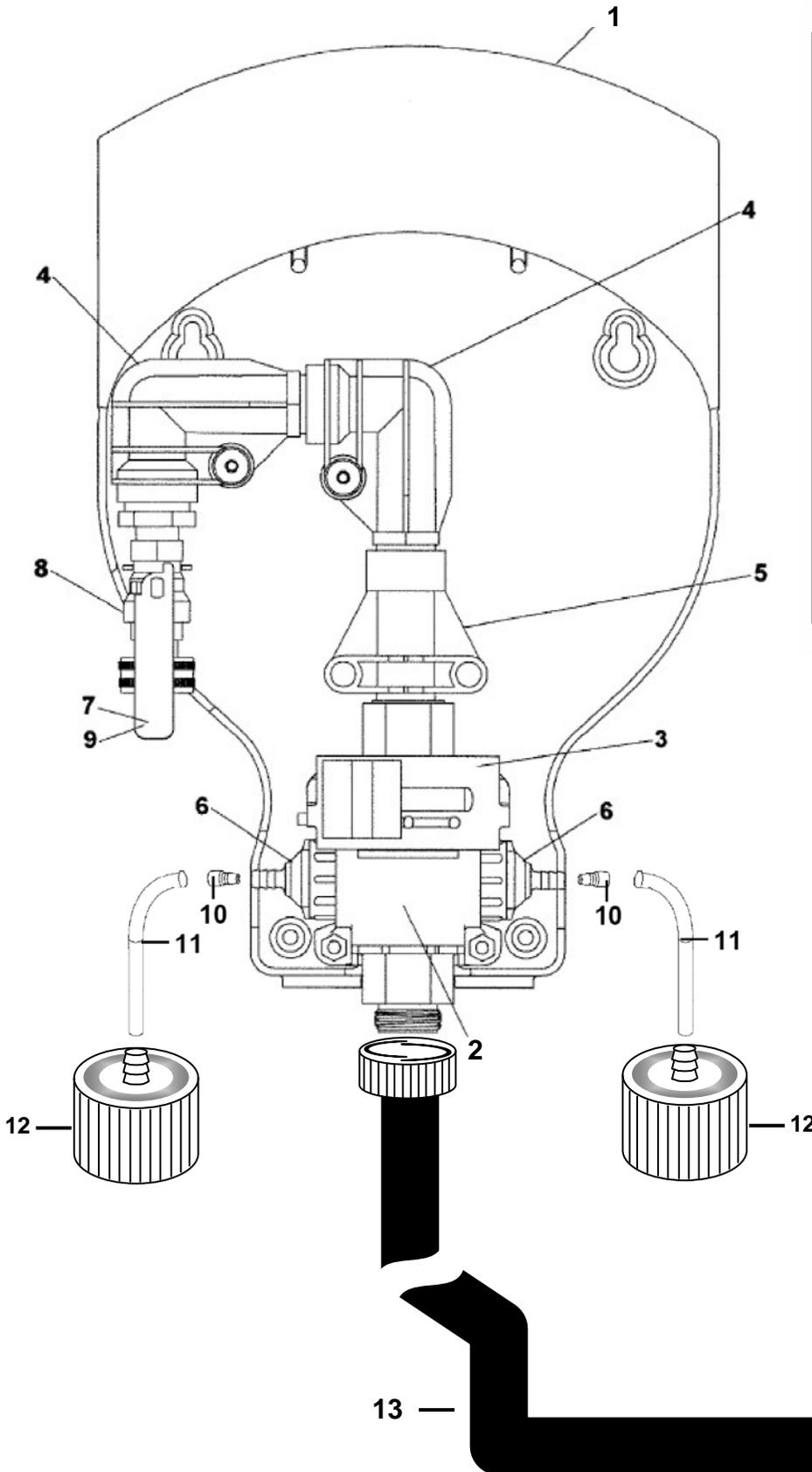
<b>WEAR</b>	protective clothing and eyewear when dispensing chemicals or other materials.
<b>ALWAYS</b>	observe safety and handling instructions of the chemical manufacturers.
<b>ALWAYS</b>	direct discharge away from you or other persons or into approved containers.
<b>ALWAYS</b>	dispense cleaners and chemicals in accordance with manufacturer's instructions. Exercise <b>CAUTION</b> when maintaining your equipment.
<b>CLEAN</b>	equipment after each use in accordance with instruction sheet.
<b>WEAR</b>	protective clothing and eyewear when working in the vicinity of all chemicals, filling or emptying equipment or changing metering tips.
<b>ALWAYS</b>	re-assemble equipment according to instruction procedures. Be sure all components are firmly screwed or latched into position.
<b>ATTACH</b>	only to tap water outlets (85 PSI maximum).

**Installation and Operation:**

Instructions for Operation:

1. Remove cover and attach unit to wall using hardware provided.
2. Install chemical inlet tube on hose barb with metering tip in place. Attach Bottle Connector Cap to other end of tube and connect to chemical product. Replace cover.
3. Connect water inlet hose with 3/4" male garden thread to female swivel at left side of unit. Tighten to avoid leaking.
4. Connect discharge hose to male 3/4" discharge provided at bottom of unit. Using 1/2" or 3/4" bracket and screws provided, secure discharge hose to wall about 12" below unit. This will help to prevent stress on the discharge fitting when tugging on the hose occurs. Hose of 1/2" ID is recommended if the hose length will be 25 feet or less. 3/4" ID hose may be needed if the total length of the hose will exceed 25 feet. Attach appropriate spraying or foaming gun (and ball valve or quick connect) to end of discharge hose.
5. Turn on water supply to unit. Minimum 25 PSI water pressure is required to operate the unit.
6. Turn on product valve to begin proportioning and dispensing. Slide selector switch to either side for product dispensing. Center position provides full volume rinse.

**FOAM DISPENSING UNIT**



**PARTS LIST (Refer to diagram)**

Key #	Part Number	Description
1	10089824	Cabinet back
2	10089828	Eductor Assembly
3	10089827	Gear & Bracket Assembly
4	10059204	Elbow
5	10048302	Connecting Tube
6	10069270	Check Valve, 3 psi, Viton
7	10089826	Handle, Ball Valve
8	10084080	Ball Valve
9	10089838	Handle Sleeve, Black
10	10027002	Olive-Green metering tip (Left)
	690004	Yellow metering tip (Right)
11	500814	Tubing
12	90089172	Bottle Connector Cap
13		Solution Delivery Hose (not include)
14	960	Special Multi-Function Sprayer
Not Shown:		
	90089179	Cover
		F-Style Bottle Rack

## Troubleshooting Guide:

Problem	Cause	Solution
1. No discharge	a. No water b. Excessive water pressure c. Eductor clogged	a. Open water supply b. Install regulator if pressure exceeds 85 PSI c. Clean* or replace
2. No concentrate draw	a. Clogged check valve b. Metering tip clogged  c. Eductor clogged d. Clogged water inlet e. Clogged foot strainer f. Low water pressure and/or volume g. Discharge hose is the wrong size.  h. Check valve not screwed into eductor firmly	a. Clean or replace b. Rinse in hot water or replace: <b>DO NOT REAM CLEAN!</b> c. Clean or replace d. Clean screen e. Clean or replace f. Minimum 25 PSI and 4 GPM flow required to operate unit g. Use 3/4" hose if length exceeds 25'. h. Tighten, but <b>DO NOT OVER TIGHTEN!</b>
3. Excess concentrate draw	a. Metering tip not in place	a. Press correct tip firmly into barb
4. Water flow won't shut off	a. Ball valve defective	a. Replace
5. Low or no water flow	a. Inlet screen clogged b. Supply source inadequate  c. Scaled eductor or fittings	a. Clean or replace b. 4 GPM flow necessary to unit. Move unit or replumb incoming line. c. Clean* or replace
6. Backflow into concentrate	a. Eductor check valve inoperable	a. Clean or replace check valve

\* In hard water areas, scale (mineral deposits) may form at the discharge of the eductor. This scale may be removed by running the descalant through the system.



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