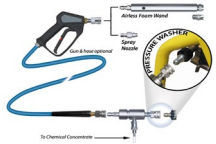
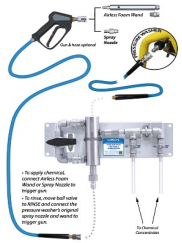
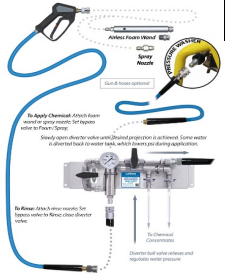
Lafferty Pressure Washer Equipment - Selection Guide

Overview Illustration Details Vary by Model	Model #	Description with Link to Product Details	Required Pressure Washer Volume	Strongest Dilution Ratio*	Max. Foam Throw Distance**	Number of Chemical Pickups	Chemical Diluted at Pressure Washer	Max. Discharge Hose Length***	Bottle Attachment	Chemical Application Nozzles Included: Foaming Fan Nozzle	Chemical Application Nozzles Included: Foaming Zero Degree Nozzle	Chemical Application Nozzles Included: Spraying Fan Nozzle
	Hose-End Sprayers											
	969520	Model 20 SS Hose End Sprayer	**2.2 - 5.5 GPM**	7:1 @ 4 GPM	N/A	1	✗	N/A	✗	N/A	N/A	✓
	969521-B	Model 20 SS Compact Sprayer	**2.2 - 5.5 GPM**	7:1 @ 4 GPM	N/A	1	✗	N/A	✓	N/A	N/A	✓
	Hose-End Foamers											
	969620	Model 20 SS Hose End Airless Foamer	**2.2 - 5.5 GPM**	7:1 @ 4 GPM	25'	1	✗	N/A	✗	✓	✓	N/A
	969620HC	Model 20 SSHC Hose End Airless Foamer	**2.2 - 5.5 GPM**	3.5:1 @ 4 GPM	20'	1	✗	N/A	✗	✓	✓	N/A
	969621-B	Model 20 SS Compact Airless Foamer	**2.2 - 5.5 GPM**	7:1 @ 4 GPM	25'	1	✗	N/A	✓	✓	✓	N/A
	Combo Kits											
	969710	Model 10 SS Combo Airless Foamer / Sprayer Kit	**2.2 - 3.4 GPM**	7:1 @ 3 GPM	20'	1	✓	200'	N/A	✓	✓	✓
	969720	Model 20 SS Combo Airless Foamer / Sprayer Kit	**3.5 - 5.5 GPM**	7:1 @ 4 GPM	25'	1	✓	200'	N/A	✓	✓	✓
	969720HC	Model 20 SSHC Combo Airless Foamer / Sprayer Kit	**3.5 - 5.5 GPM** 3.5 - 4.0 GPM Optimal	5:1 @ 4 GPM	20'	1	✓	200'	N/A	✓	✓	✓
	Bypass Units											
	969711	Model 10 SS Bypass Airless Foamer / Sprayer	**2.2 - 3.4 GPM**	7:1 @ 3 GPM	20'	1	✓	200'	N/A	✓	✓	✓
	969712	Model 10 SS Bypass 2-Way Airless Foamer / Sprayer	**2.2 - 3.4 GPM**	7:1 @ 3 GPM	20'	2	✓	200'	N/A	✓	✓	✓
	969751	Model 20 SS Bypass Airless Foamer / Sprayer	**3.5 - 5.5 GPM**	7:1 @ 4 GPM	25'	1	✓	200'	N/A	✓	✓	✓
	969752	Model 20 SS Bypass 2-Way Airless Foamer / Sprayer	**3.5 - 5.5 GPM**	7:1 @ 4 GPM	25'	2	✓	200'	N/A	✓	✓	✓
	969753	Model 20 SS Bypass 3-Way Airless Foamer / Sprayer	**3.5 - 5.5 GPM**	7:1 @ 4 GPM	25'	3	✓	200'	N/A	✓	✓	✓
	Double Bypass Units											
	969762	Model 22 SS Double Bypass 2-Way Airless Foamer / Sprayer	**5.5 - 10+ GPM**	7:1 @ 4 GPM	25' Adjustable	2	✓	200'	N/A	✓	✓	✓

*** Strongest Possible Dilution Ratio** **Parts Water : Parts Chemical.** Ratios are specified on a mid-range pressure washer. Model 10 units @ 3.0 GPM. Model 20 and 22 units @ 4.0 GPM. Pressure washers with volume output on the high end of the specified range will produce weaker dilution ratios. All units can use metering tips to produce weaker dilution ratios. Refer to the Installation & Operation Instructions for each unit to see a full dilution ratio chart.

**** Maximum Foam Throw Distance** Distances are specificed on a mid-range pressure washer. Model 10 units @ 3.0 GPM. Model 20 and 22 units @ 4.0 GPM. Pressure washers with volume output on the high end of the specified range will have the best foam throw distance. Using a small metering tip can reduce the foam throw distance, especially with an "HC" unit.

***** Recommended Discharge Hose** 3/8" internal diameter hose, minimum, for all equipment. Using a narrower or longer than recommended discharge hose between injector and nozzle can negatively affect chemical suction. If a longer hose is needed, install the injector in-line between hoses.

Lafferty EQUIPMENT MANUFACTURING INC.

www.laffertyequipment.com
800-999-2820 • 501-851-2820

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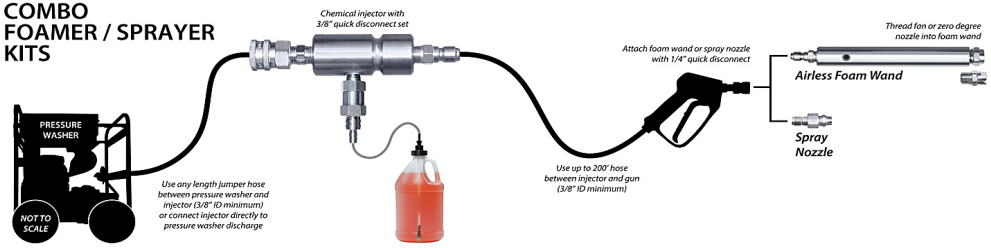
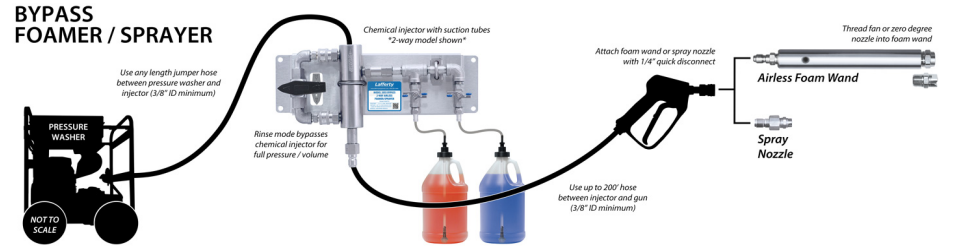
Lafferty Pressure Washer Terminology and Key Benefits Summary	
Sprayer	Sprayers apply chemical as liquid spray. Pressure washer sprayers include a fan pattern nozzle for quick application over large areas. The fan nozzle can be removed for zero degree output for longer range. Spray distance is dependent on pressure washer volume.
Airless Foamer	Airless Foamers apply chemical as a wet foamy lather - *without compressed air* . The Airless Foam Wand draws atmospheric air into the chemical solution. Airless foam is excellent for rehydrating surface soils to facilitate removal. Most "softwash" applications involve foam due to increased chemical contact time, visual confirmation of coverage, and greatly reduced application pressure.
SS	Stainless Steel. Injectors and foam wands are machined from stainless steel for exceptional durability and temperatures up to 180°F. Low maintenance with few or no moving (wear) parts.
HC	High Concentrate. Specialized units to produce the strongest dilution ratios possible, but with shorter maximum foam throw distance than the non-HC equivalent.
Hose-End	Connects directly to pressure washer trigger gun (1/4" quick connect). Injector and nozzle are a single assembly. Easily removed for high pressure rinsing. No limit to hose length from pressure washer. This is the most versatile style of pressure washer equipment, but requires the user to keep the concentrated chemical nearby.
Compact	A type of Hose-End unit. Includes an attached bottle for chemical concentrate instead of a long suction tube.
Combo	Injector is separate from the paired foam wand or spray nozzle so the user does not need to carry chemical. Use a normal high pressure nozzle (not included) to stop chemical suction and rinse at reduced pressure, or disconnect the injector to rinse at full volume and pressure.
Bypass	Same foam performance and injector requirements as the equivalent Combo unit. Includes a valve to bypass the chemical injector and rinse at full volume and pressure.
Double Bypass	Specialized Bypass unit with a diverter valve to relieve excess pressure/volume on pressure washers with flows greater than 5.5 GPM. Excess water volume is diverted directly back into the water tank, allowing the unit to simulate a lower volume pressure washer to reduce water and chemical consumption. The diverter valve can be used to reduce foam, spray, or rinse volume for more controlled close range applications.

HOSE-END & COMPACT FOAMERS / SPRAYERS

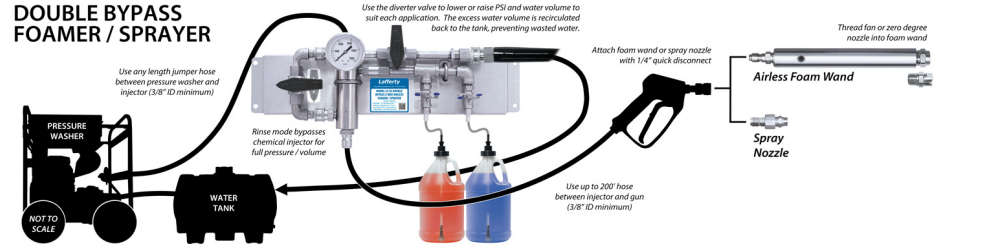
COMBO FOAMER / SPRAYER KITS



BYPASS FOAMER / SPRAYER



DOUBLE BYPASS FOAMER / SPRAYER



REFER TO FULL SIZE ILLUSTRATIONS, PARTS DIAGRAMS, DILUTION CHARTS AND REQUIREMENTS ON WEBSITE PRODUCT DETAIL PAGES BEFORE PURCHASING.

Links to website product detail pages are available in the selection chart descriptions on page 1 of this document.

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