Lafferty Equipment Manufacturing, LLC Installation & Operation Instructions

Model # 950101-B · 305 Compact Fogger

REQUIREMENTS	
Ready-to-Use Chemical Solution	
Compressed Air	up to 7.4 CFM @ 80 PSI
Minimum Air Supply Line	3/8"
OPTIONS	
Stainless Steel Hose Racks	
Large Stainless Steel Hose Rack	# 224150
Small Stainless Steel Hose Rack	# 224145
Proportioning / Filling Options	
-Way Ball Valve Mixing Station (4 GPM)	# 985100
1-Way Push Lever Mixing Station (4 GPM)	# 981100
Additional Bottles	
Bottle, 32oz (Includes Solid Lid)	# 709082
To Regulate Incoming Airflow	
Needle Valve, NPB, 1/4" FM	# 660797



Green, Yellow

www.laffertyequipment.com 501-851-2820

WARNING! READ ALL INSTRUCTIONS BEFORE USING EQUIPMENT!

OVERVIEW

The 305 Compact Fogger is a damp mist sprayer that uses compressed air (7.4 CFM @ 80 PSI) and venturi action to draw ready-to-use chemical solution from the attached bottle and project it up to 25 feet. The adjustable output can wet surfaces at close range or spray mist (fog) into the air to cover exposed surfaces and penetrate hard-to-reach areas.

SAFETY & OPERATIONAL PRECAUTIONS

- Manufacturer assumes no liability for the use or misuse of this unit.
- Wear proper respiratory protection, protective clothing, gloves and eye-wear when working with chemicals.
- Always direct the discharge away from electrical devices.
- Follow the chemical manufacturer's safe handling instructions.
- Carefully follow chemical manufacturer's safe handling instructions and recommended precautions/practices when using flammable chemicals.
- SPECIAL CAUTION: This fogger atomizes chemical into the air. Ensure that the area to be fogged has been evacuated of all people without proper respiratory protection!
- Compressed Air Inlet Pressure should be regulated to a maximum of 90 PSI.

TO OPERATE

SPECIAL CAUTION: This fogger atomizes chemical into the air. Ensure that the chemical is safe to be around or the area to be fogged has been evacuated of all people and/or animals before starting fogging. Upon completion of fogging, ensure that sufficient time has elapsed for all the fog to have dissipated before returning to the area. Wear proper respiratory protection, protective clothing, gloves and eye-wear when working with chemicals

- 1. Unscrew the bottle, fill with ready-to-use chemical, and re-attach.
 - Don't over-tighten the bottle.
- 2. Connect the inlet to a compressed airline.
- Direct the discharge in a safe direction. Press thumb gun lever (or completely open ball valve) to begin application.
- 4. When application is complete, release the thumb gun lever (or close ball valve).
- 5. The fogger may produce more fog volume than needed.
- 6. If fog is too dense (wet), metering tips are included to restrict the chemical volume to produce a lighter (drier) fog.
- 7. Make final metering tip adjustments based on application results. Try the next larger sized metering tip until the results are acceptable.

COMPACT 305 1-WAY FOGGER

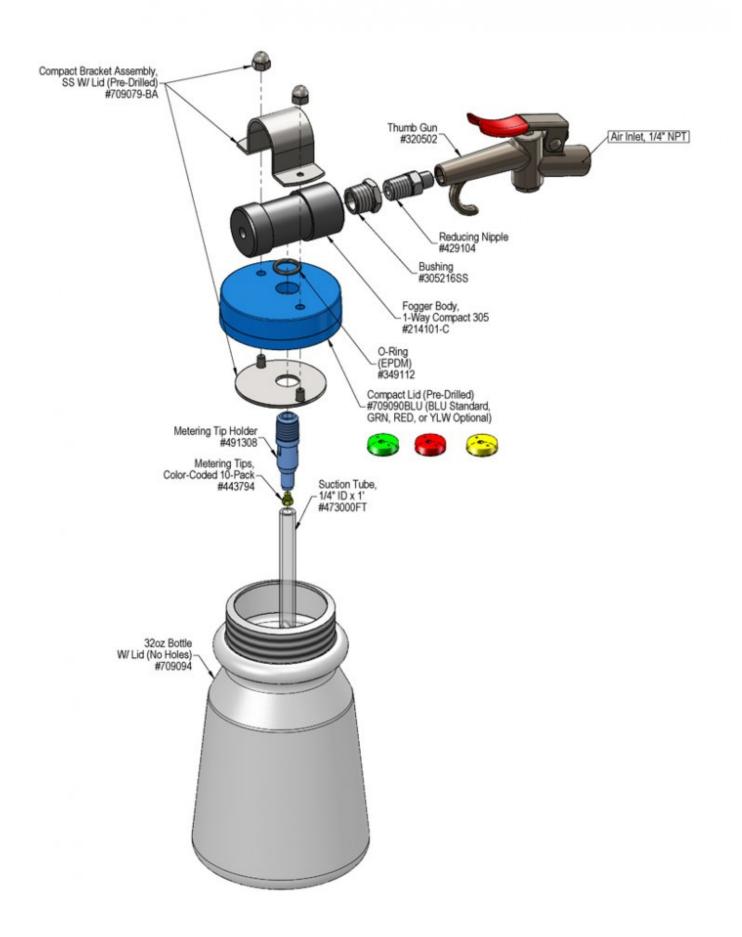
PROJECTS DAMP FOG/MIST UP TO 25'

COMPRESSED AIR FLOW (CFM)					
PLUMES	60 PSI	80 PSI			
1-Way	5.6	7.4			
CHEMICAL SOLUTION DRAW RATE (FL-OZ/MIN)					
DISTANCE	60 PSI	80 PSI			
Hand Held	10.2	11.6			

METERING TIP SELECTION

METERING TIP COLOR	FL-OZ PER MIN			
Brown	0.56			
Clear	0.88			
Bright Purple	1.38			
White	2.15			
Pink	2.93			
Corn Yellow	3.84			
Dark Green	4.88			
Orange	5.77			
Gray	6.01			
Light Green	7.01			
The fl-oz/min shown are approximate values. Due to chemical				

viscosity, actual fl-oz/min may vary.



Troubleshooting Guide						
roblem Fogger will not draw chemical or is sputtering Fog is too wet	Pos: Startup 1, 2, 3, 4 1, 4	sible Cause / Solution Maintenance 6, 7, 8 5				
Possible Cau	ise / Solutio	n				
Startup		Maintenance				
1. Air line too small, not enough air pressure or volume • See REQUIREMENTS, page 1.	 5. Pin hole or cut in suction tube Replace suction tube. 					
 Air pressure too high. Slightly close the air supply valve to lower the pressure by lowering the volume until the fogger smooths out. Chemical tube kinked or not immersed in chemical or chemical depleted. Straighten tube / replenish chemical Drawing too much solution Install optional metering tip 	 6. Chemical tube clogged up Clean or replace 7. Metering tip or metering tip holder clogged Clean or replace metering tip and/or metering tip holde 8. Debris clogging the fogger inlet jets Disconnect air supply, remove fogger bodies and visually inspect; remove debris from fogger inlet. 					

PREVENTIVE MAINTENANCE: When the unit will be out of service for extended periods, place chemical tube(s) in water and flush the chemical out of the unit to help prevent chemical from drying out and causing build-up. Periodically check and clean chemical strainer and replace if missing.

