

APV Tire/Skirt Foamer System

MODEL # 910109

OVERVIEW

The APV Tire/Skirt Foamer System is a carwash foam applicator for applying foaming chemicals to vehicle tires, wheel skirts and undercarriages. An air-operated, double-diaphragm FloJet air pump draws ready-to-use chemical from one static tank, or blends water and chemical concentrate on the fly from two static tanks using precision metering tips. Rich, clinging foam is created by injecting compressed air into the solution to greatly increase volume and coverage ability. The foam is then projected through 2 adjustable nozzles to each side of the vehicle.

RELATED PART NUMBER 910105 DOES NOT INCLUDE THE PUMP PANEL (FOAMER NOZZLES AND AIR ADJUSTMENT NEEDLE VALVE ONLY)

Key Features

- Can be used for new installations or to easily replace damaged or inconsistent existing systems
- Projects thick, rich, clinging foam which increases chemical contact time and effectiveness
- A single air control adjusts the foam consistency (wet/dry) for both foamers
- Two fan nozzles per foamer ensure complete coverage
- Eliminates operator adjustment issues resulting in a consistent cost per vehicle operation
- No scrubby pads to replace and no float tank needed
- Chemical resistant wetted components ensure durability and years of reliable performance with very minimal maintenance required
- Tubing is available separately (by the foot) for compressed air and the solution, allowing the user to customize placement of the air needle valve, tee and foamers
- Available without a pumping system (#910105)
- Available as an airless foam system (#910011)
- See other carwash chemical applicators in [Catalog 10](#)

Includes

- Polypropylene mounting plate
- Machined polypropylene injector manifold
- Flojet AODD pump with Santoprene diaphragms
- 2 machined polypropylene foamer bodies with stainless steel bases and 2 fan nozzles
- Air ball valve and regulator/filter
- Air adjustment needle valve and tee
- 6' suction tubes and strainers
- 20 color-coded precision metering tips

OPTIONS

Air and Chemical Tubing (Order in 10' Increments)

Air, Polyflow, 1/4" x 1'	# 475200FT
Solution, Pump to Tee, Polyflow, 1/2" x 1'	# 475400FT
Solution, Tee to Foamer, Polyflow, 3/8" x 1'	# 475300FT

Alternate Seal Materials - Santoprene Standard

Viton Upgrade: Flojet Air Pump & Check Valves	# 710756
Kalrez Upgrade: Flojet Air Pump & Check Valves	# 710755

Alternate Chemical Check Valve - EPDM Standard

Check Valve, Chemical, PP, 1/4" (Viton)	# 491402
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REQUIREMENTS

Air Pressure	80 PSI Minimum
Flow Rate	up to 1.25 GPM
Compressed Air	up to 5 CFM
Liquid Tubing - Pump to Tee	1/2" I.D.
Liquid Tubing - Tee to Foamers	3/8" I.D.
Air Tubing to Foamers	1/4" I.D.

APPLICATIONS

- Vehicle Wash
- Tires
- Trailer Skirts
- Undercarriages
- And Many Other Applications!