

# Drive Over Foam Unit

FI-DOF



## The Good Stuff

- **Applies foaming to vehicle underbody**  
Foam provides long contact times for maximum chemical effectiveness, and a visual way to verify coverage
- **Sensor-operated**  
System starts when vehicles approach; no need for attendants
- **Mitigate incoming disease**  
Allows you to easily mitigate any disease that may be brought in from incoming traffic by simply driving over the unit's ramp

## Features

- Easy to install
- Works with trucks and passenger vehicles
- Sensor-operated system starts when vehicles approach – no need for an attendant
- Draws from concentrated product (includes proportioning tank)
- Dilutes at ratios of 4:1 to 530:1 (water:chemical)
- Powered by compressed air and electricity
- Low-pressure system
- Includes water separator to protect pumps

## Requirements

- **Compressed air requirements**.....50 psi (3.4 bar) with 20 CFM (566.3 l/min)
- **Water requirements**.....25-100 psi (1.7-6.9 bar) backflow prevention is required
- **Liquid temperature range** .....40-100° F (4.4-37.8° C)
- **Electrical requirements** ..... 120 VAC at 60 Hz, 2 amps (GFCI protected outlet)
- **Operating voltage**.....120 VAC
- **Chemical compatibility**.....chemical products used with this equipment must be formulated for this type of application and compatible with unit materials and pump seals. For more information on chemical compatibility, consult the manufacturer or SDS for your product or contact our customer service department.

## Specs

- **Power type** .....compressed air and electricity
- **Chemical pickup type**.....draws from concentrated product
- **Dilution ratio range (water:chemical)\***.....4:1 to 530:1
- **Number of products unit can draw from**.....one product
- **Suction line length/diameter** .....  
FROM PROPORTIONING TANK TO CHEMICAL SOURCE:  
one suction line, 9 ft. (2.7 m) of clear hose with 1/2 in. (12.7 mm) inside diameter  
FROM PUMP BOX TO PROPORTIONING TANK:  
six suction lines, each 10 ft. (3.1 m) of blue hose with 3/8 in. (9.5 mm) inside diameter
- **Capacity** ..... 55 gallons (208.2 liters)
- **Flow rate**.....13 gal/min (49.2 l/min)
- **Pump seals** ..... Santoprene, Viton, or Kalrez
- **Coverage area**.....at 7 in. (17.8 cm) vehicle ground clearance, coverage area will be up to 65 in. (165.1 cm) wide. With 49 in. (124.5 cm) vehicle ground clearance, coverage area will be up to 102 in. (259.1 cm) wide
- **Number of nozzles**.....includes five ramp nozzle assemblies and two side nozzle assemblies
- **Distance from nozzles to control box**.....MINIMUM: 30 ft. (9.1 m) MAXIMUM: approximately 50 ft. (15.2 m)
- **Tubing/fitting sizes**.....designed for use with 1/2 in. (12.7 mm) inside diameter hose between control panel and nozzles
- **Vehicle weight**..... up to 40,000 pounds (18.14 metric tons) per axle
- **Ramp width**.....12 ft. (3.6 m)
- **Sensor type**.....detects moving iron-based metal



How to Buy