

# Single-Line Concentrate Doorway Foam Unit

DS-WC



## Features

- Draws from concentrated product
- Dilutes product at ratios of 38:1 to 183:1 (water:chemical)
- Repeat cycle digital timer
- Quick-change pump
- Supports up to 2 nozzle assemblies
- Up to 25 ft (7.6 m) total distance between control box and nozzle(s)
- Consistent, reliable dilution rates, regardless of changes in water pressure

## Industries

- Institutional
- Food and Beverage
- Manufacturing



*How to Buy*

## The Good Stuff

- **Consistent dilution rates**  
Regardless water pressure changes, this unit reliably dilutes chemistry
- **Nozzle assembly**  
Supports up to 2 nozzle assemblies with a total of 25 ft (7.6 m) total distance between control box and nozzle(s)
- **On schedule chemical delivery**  
Easy to use repeat cycle digital timer (adjustable via traffic flow) with set delays to ensure coverage

## Specs

- Power type..... compressed air and electricity
- Chemical pickup type .....draws from concentrated product
- Dilution ratio range (water:chemical)..... 38:1 to 183:1
- Number of products unit can draw from.....one product
- Suction line length/diameter ..... 8 ft. (2.4 m) clear hose with 1/4 in. (6.4 mm) inside diameter
- Flow rate.....2 gal/min (7.6 l/min)
- Pump seals ..... Santoprene, Viton, or Kalrez
- Timer operation type ..... repeat cycle
- Coverage area..... ONE NOZZLE: up to 9×4 ft. (2.7×1.2 m); TWO NOZZLES: up to 5×3 ft. (1.5×0.9 m) at each nozzle
- Nozzle type ..... single-line nozzle assembly (NZA-DS-SL)
- Number of nozzles..... one control box can support up to two nozzle assemblies
- Distance from nozzles to control box ..... the combined distance between the control box and nozzle(s) must equal 25 ft. (7.6 m) or less
- Tubing/fitting sizes ..... designed for use with 1/2 in. (12.7 mm) outside diameter tubing between control box and nozzle(s)

## Requirements

- Compressed air requirements..... 40-80 psi (2.8-5.5 bar) with 5-10 CFM (141.6-283.2 l/min)
- Water requirements ..... 10-100 psi (0.7-6.9 bar) backflow prevention is required
- Liquid temperature range ..... 40-100 °F (4.4-37.8 °C)
- Electrical requirements ..... 100-240 VAC, 50-60Hz, 1A (GFCI protected outlet)
- Operating voltage.....24 VDC
- 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.



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