

# Transit Wash Systems 414 & 414B

*High-Clearance  
Bus and Truck  
Wash Systems*



**Including NS Blast Master &  
CTA-200 - Chemical Tire Applicator**



**WASH  
SYSTEMS**

*Leaders in Vehicle Care Since 1961*

# NS System-414

## The System-HPW 414

is our most versatile machine that utilizes high-volume quadra jet spinners to clean fleets of any size or shape, from subcompacts to 9 ft. wide by 14 ft. high. The System 414 is ideal for washing large fleets of vehicles with irregular surfaces.

## ENGINEERING INFORMATION

### Vehicle Clearance

Height – 15 ft. (4.57 m)  
Width – 9 ft. (2.74 m)

### Bay Requirements

Width – 20 ft. (6.09 m)  
Length – 60 ft. (18.28 m)  
Height – 18 ft. (5.49 m)

### Power Requirements

480V 3Ø 77FLA  
240V 3Ø 154FLA  
208V 3Ø 169FLA

### Detergent Pump

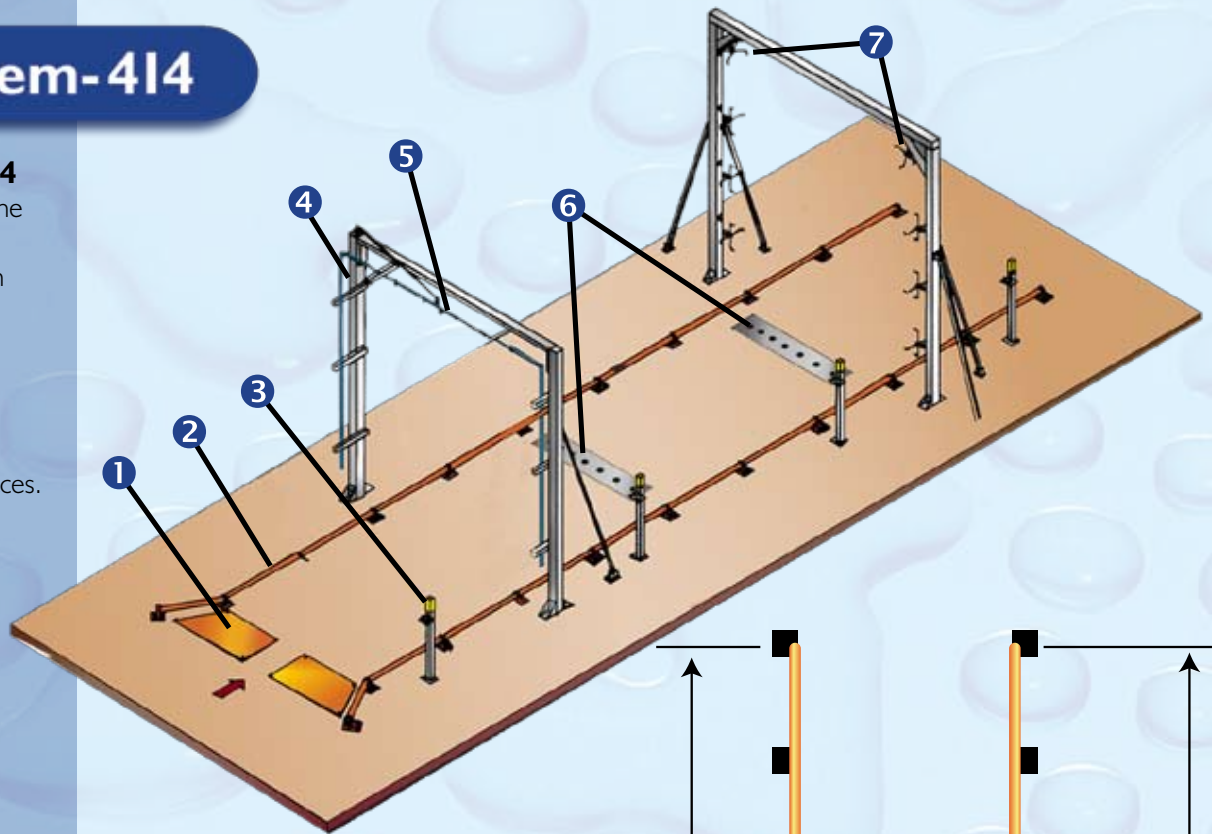
65 psi – minimum

### Water Requirements

Detergent (Pre wet)  
1.5 in. water line (3.81 cm)  
High pressure 3 in. (7.62 cm)  
without water recovery

### Optional Water Recovery

Please contact factory for information.

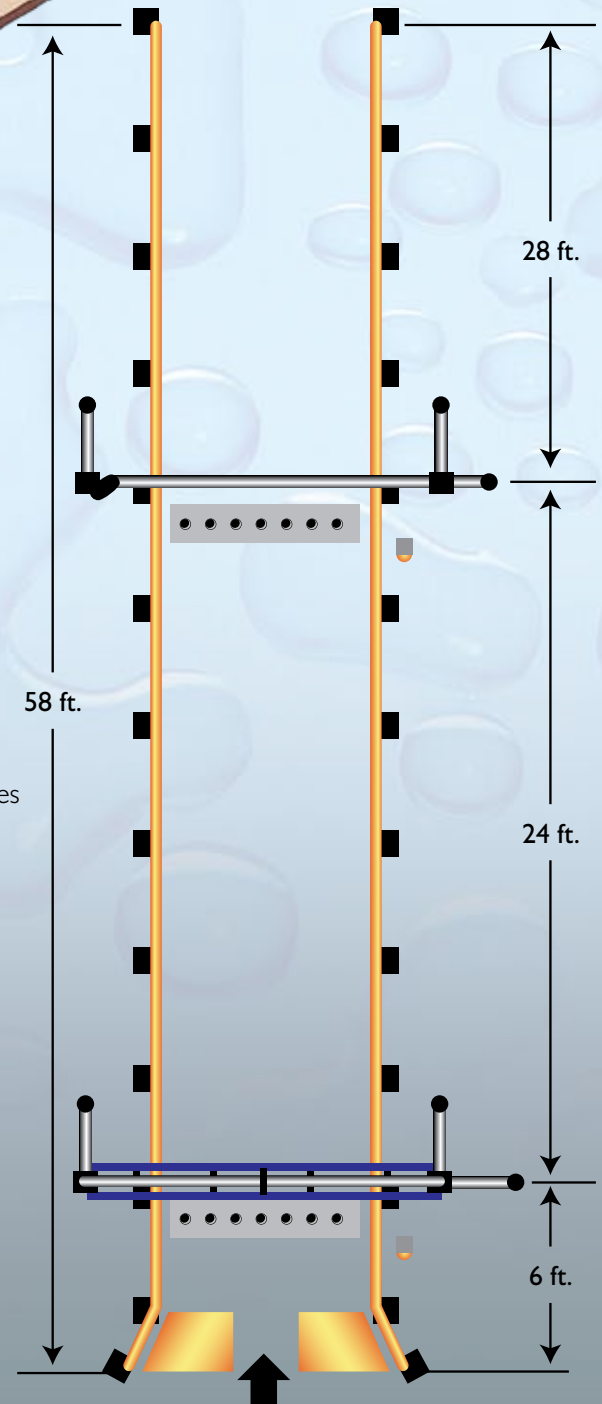


## SYSTEM INCLUDES

1. Skid plates
2. 4-Inch diameter curb rail system
3. Activation system
4. Detergent applicator arch
5. Detergent injection system
6. Undercarriage spray
7. High-pressure arch with 10 Spinners
  - 60HP free-standing pump system
  - Motor control system (UL Approved)
  - Detergent container
  - 1500-gallon storage tank with level switches

## OPTIONS

- 2-step, high/low pH chemical application
- Water recycling
- Spot-Less final rinse
- Blower/dryer system
- Sewer discharge neutralizing system
- Speed control
- Red/green entry control lights





# NS System-414B

## The System-HPW 414B

Combines the best of both worlds — blasts of high-pressure quadra jet spinner that removes grime from those hard to reach places and the side brush that allows the 414B to adapt to any size and shape. This is an ideal wash system for large fleets where mud and heavy road grime are a factor.

## ENGINEERING INFORMATION

### Vehicle Clearance

Height — 15 ft. (4.57 m)

Width — 9 ft. (2.74 m)

### Bay Requirements

Width — 20 ft. (6.09 m)

Length — 70 ft. (21.3 m)

Height — 18 ft. (5.49 m)

### Power Requirements

480V 3Ø 77FLA

240V 3Ø 154FLA

208V 3Ø 169FLA

### Detergent Pump

65 psi — minimum

### Water Requirements

Detergent (Pre wet)

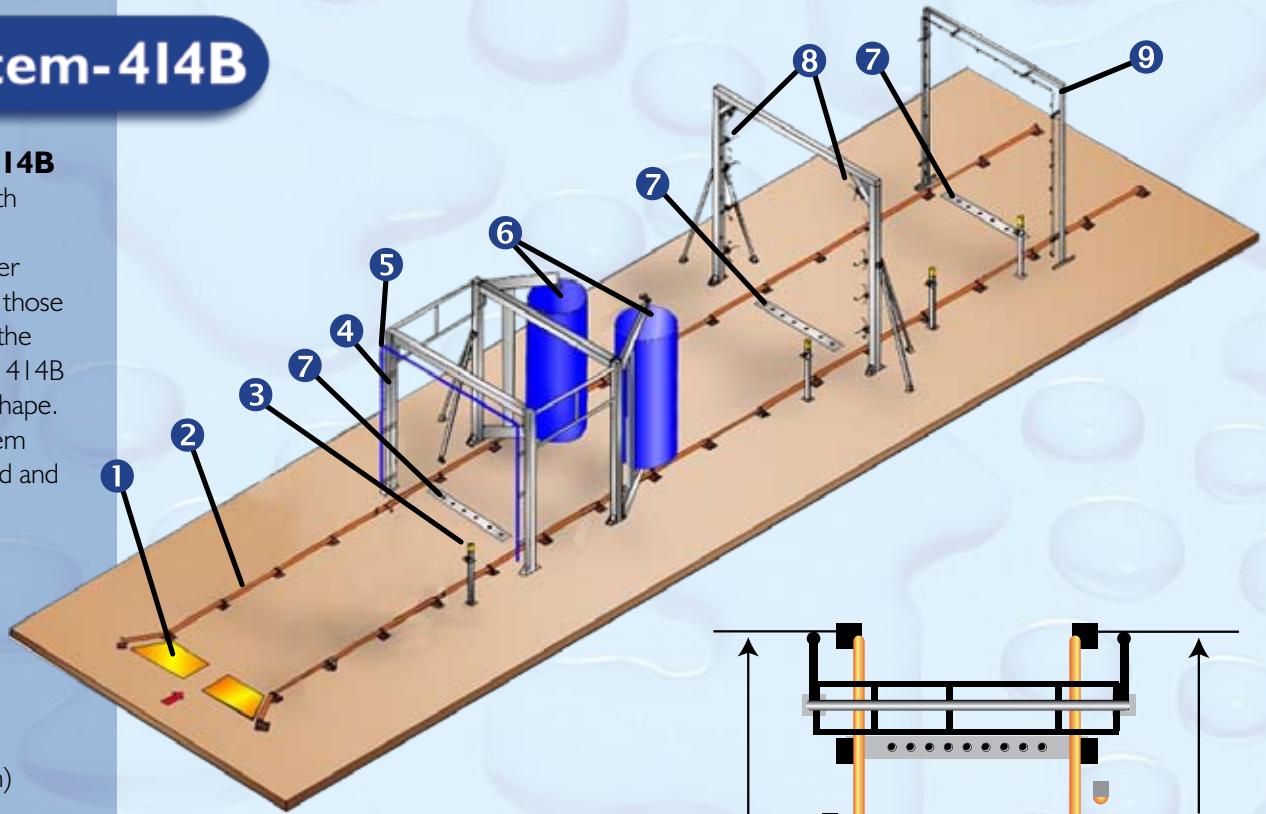
1.5 in. water line (3.81 cm)

High pressure 3 in. (7.62 cm) without water recovery

### Optional

#### Water Recovery

Please contact factory for information.



## SYSTEM INCLUDES

1. Skid plates
2. 4-Inch diameter curb rail system
3. Activation system
4. Detergent applicator arch
5. Detergent injection system
6. Two tall side brushes
7. Undercarriage spray
8. High-pressure arch with 10 spinners
  - Detergent container
  - 60HP free-standing pump system
  - Motor control system (UL Approved)
  - Detergent container
  - 1500-gallon storage tank with level switches
9. Final freshwater rinse  
(Used with water recycled systems only)

## OPTIONS

- 2-step, high/low pH chemical application
- Water recycling
- Spot-Less final rinse
- Blower/dryer system
- Sewer discharge neutralizing system
- Speed control
- Red/green entry control lights

