

# Tahoe

## Warewash and Chemical Dispensing System



Tahoe is an economical, user-friendly dispensing system for warewash and other chemical dosing applications. It features a rugged, water-resistant enclosure, as well as highly efficient circuitry. The 100 Series SnapHead™ pump cartridge provides excellent tube life, and is easy to remove and replace. Modular design allows several Tahoes to fit together for multi-pump applications and a sliding door hides the adjustments from view.

Tahoe's versatile control circuit supports both time and speed-based dosing applications. You can configure warewash detergent dosing easily, using Tahoe's independent initial charge and recharge time settings. Warewash rinse and other continuous run applications have an easily-configured pump speed setting. The front panel switch can be used to manually activate the initial charge dose, as well as to disable automatic dosing. For janitorial or pot-and-pan applications, the Tahoe can be used with a remote, push-button dose trigger.

### Pays for Itself

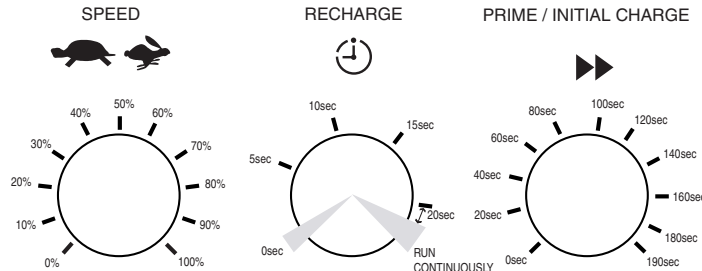


- Easy setup
- Low maintenance
- Speed, time, and initial charge in one SKU
- Modular
- Prime button
- 115 and 230 VAC inputs
- Remote push-button option

# Application Matrix

Machine	Chemical	Injection Point	Power	Alternate Initial Charge	Speed	Recharge	Initial	Figure
Door	Detergent	Wash Tank	Rinse Solenoid	N/A	100%	0 - 20 sec	0 - 190 sec	4 & 5
Door	Detergent	Wash Tank	Rinse Solenoid	Fill valve	100%	0 - 20 sec	0 - 190 sec	
Door	Rinse	Booster	Wash Pump	N/A	100%	0 - 20 sec	0 sec	4
Door	Rinse	Rinse Line	Rinse Solenoid	N/A	1%-100%	Continuous	0 sec	5
Conveyor	Detergent	Wash Tank	Rinse Solenoid	Fill valve	100%	0 - 20 sec	0 - 190 sec	6
Conveyor	Rinse	Rinse Line	Rinse Solenoid	N/A	1%-100%	Continuous	0 sec	6

## Setting Ranges



## Tahoe Specifications

### Size

Height: 5 in/12.7 cm  
 Width: 3.8 in/9.6 cm  
 Depth: 3.4 in\*/8.6 cm\*  
 Weight: 2.5 lbs/1.13 kg

\*4.8 inch/12.2 cm including SnapHead pump cartridge

### Enclosure

Molded ABS plastic, water-resistant, flame retardant

### Pump

Peristaltic, self priming, self checking, 24 VDC

### Maximum Vacuum

8 in/20cm of Mercury [Hg]

### Maximum Pressure

10psi/.7 bar/69 kPa detergent, 30psi/2.1 bar/200 kPa rinse

### Detergent Flow Rate

110 ml/min nominal, not to run more than 15 out of 30 minutes

### Rinse Flow Rate

16ml/min nominal, unlimited continuous run

### Potentiometers

Speed: 1-100%  
 Recharge: 0-20 seconds/continuous  
 Initial Charge: 0-190 seconds

### Optional Push Button Remote

Toggles initial charge on/off

### Rocker Switch

Up: Init. Charge/Prime  
 Middle: Enable pump  
 Down: Disable pump

### Electrical

Input voltage 100-120 VAC 50/60 Hz 0.2 amp  
 Input voltage 200-240 VAC 50/60 Hz 0.1 amp  
 Alternate initial charge option voltage 24 VAC +/-10%  
 50/60 Hz 0.5 amp (use transformer 066135)

*Please note single supply voltage Tahoe's do not have 100-120 VAC input wires, and Tahoe Remotes only accept 110-120 VAC inputs.*

### LED

On when unit is enabled, flashing when disabled

### Regulatory

CE, NSF, CSA, NRTL/C

## Ordering Information

### Complete System with Installation Kit

**Item# Description**  
 1205356 Tahoe, Detergent (Norprene standard), 115/230 VAC input

1205357 Tahoe, Rinse (Flex standard), 115/230 VAC input

*Other tubing materials available upon request.*

### Spare Parts

**Item# Description**  
 087176 Tahoe PCB  
 1203812 Tahoe transformer, 120/240V 28V, 12VA 50/60 Hz  
 087235 Mounting bracket  
 069484 Remote switch



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