

TAHOE

Warewash and Chemical Dispensing System

Versatile and economical!

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



SPECIFICATIONS

SIZE

Height: 5 in / 12.7 cm
 Width: 3.8 in / 9.65 cm
 Depth: 3.4 in* / 8.64 cm*
 Weight: 2.5 lbs / 1.13 kg
 *4.8 inch / 12.19 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: Initial 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

HOW TO ORDER

Code #	Description
1205356	Tahoe Detergent - tubing & bulkhead fitting 115/230V, wired for 230V
1205357	Tahoe Rinse - rinse tube & rinse injector fitting pump
1202198	Tahoe Detergent - tubing & standpipe kits (not included w/Tahoe dispenser)

Standard tubing is norprene detergent and flex rinse. Tahoe's are 115/230 VAC, prewired for 230 VAC. All Tahoe's come with chemical injection fittings and mounting screws.

SPARE PARTS

Code #	Description
087176	PCB assembly TAHOE/D250 SP
E270004	Mounting bracket, stainless steel for 115/230 VAC unit and screws (2 ea.)
E430034	Remote Switch

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

