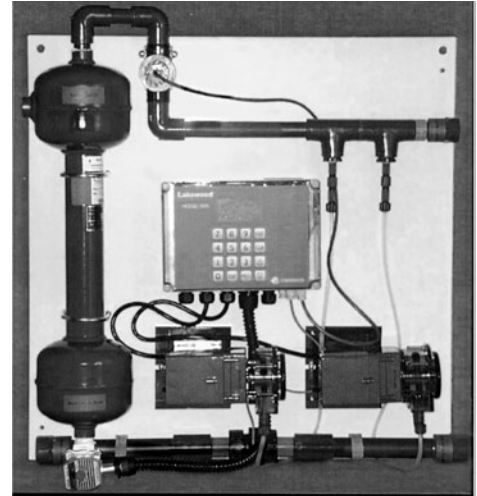


## STWMV SERIES

### FOUR-WAY PROTECTION FOR EVAPORATIVE COOLING SYSTEMS PROTECT VALUABLE EQUIPMENT

The STWMV280 Tower Water Management system is a complete system that controls scale, corrosion, and microbiological fouling in both open and closed recirculating cooling water systems. The STWMV280 system is contained in one compact, fully automatic, nearly maintenance-free package.



#### Features

- Full automatic control includes a programmable “menu-driven” electronic controller with 2-year warranty protection
- Factory-assembled, complete with self-priming peristaltic pumps
- Preset before shipment to precisely match the tested conditions of your application
- Quarterly analysis provided by Sterling
- 5 gallons (19 liters) of biocide
- 5 gallons (19 liters) of scale and corrosion inhibitor (selection based on water analysis) chemical feed levels
- Branch fusing
- 3/4" water supply, 1.5" process connections, valve size matches drain size
- Four separate treatment phases:
  - Monitors make up water flow and meters an accurate blend of scale and corrosion control agents into the tower system
  - Prevents biological fouling by “slug” feeding microbiocide at predetermined intervals
  - Automatically removes suspended solids by means of a centrifugal separator coupled to a solenoid valve
  - Automatically regulates the concentration of dissolved solids by using a conductivity meter, which acts as the separator purge

#### Options

- Heavy-duty filtration, sand and gravel filters or full flow bag filters
- Organo phosphonate test kit, used to verify proper chemical feed levels
- Chloride test kit, used to verify proper bleed-off operation
- Centrifugal Separator # 9050
- Probe & Feed Assembly # 9990
- Conductivity Sensor A0544928
- Programmable Controller 1575CTRL
- Peristaltic Metering Assembly A0544931
- Solenoid Valve Assembly A0544932
- 1" Turbine Meter A0544927
- Hall Effect Cable A0544929
- Pump Repair Kit PX01142



## STWMV SERIES

### SPECIFICATIONS

Model number	Ship. weight, lbs. (kg)	Width, in. (cm)	Height, in. (cm)	Voltage
STWMV280	140 (64)	33 (84)	33 (84)	115/1/60

### TEST KITS

Model number	Description	Ship. weight, lbs. (kg)
STK-1	Organo phosphate test kit (p.n. A0504914)	2 (1)
STK-2	Chloride test kit (p.n. A0509929)	2 (1)

### TYPICAL TOWER WATER MANAGEMENT SYSTEM SCHEMATIC

