

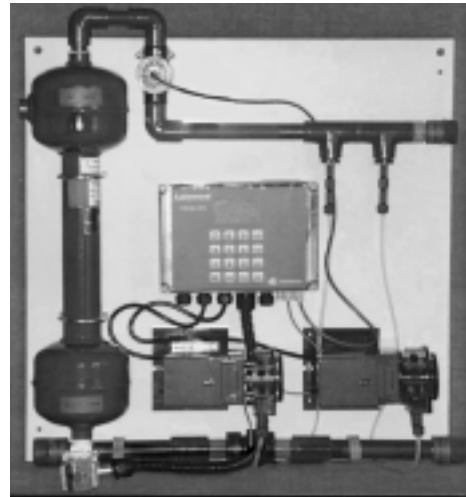
STWMV SERIES



Tower Water Management

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

Tower Water Management

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

