

Strantrol® System 3i Pool & Spa Chemistry Controller

Product Description

The Strantrol® System 3i controller is the new generation of basic chemical pool and spa controllers from Siemens. The Strantrol® System3i controller is designed to provide the operator with a multiple line display for easier menu navigation and more upgrade options.

The Strantrol® System 3i controller utilizes High Resolution Redox® sensing technology to directly measure the rate of oxidation in pool water regardless of the pH, temperature or bather load, feeding only the amount of chemicals needed. The controller responds continuously to actual pool conditions with precise chemical dosages resulting in pool water that is clear, nonirritating and safe.

Suitable for a variety of chlorine or bromine feed devices. The Strantrol® System 3i controller is designed for use on recirculated applications such as pools, spas, and fountains.

Key Benefits

- Assures crystal clear pool and spa water 24 hours a day, every day of the year
- Cuts chemical costs up to 30%
- Extends life of pool surface, heater, and other mechanical equipment
- Optional DC36 Module provides capability to datalog and record up to six controllers at one site
- Custom flowcell body for better sensor sampling



Product Sheet

Water Technologies

SIEMENS

Inputs

Sensors

pH, HRR®, Temperature*, Flow Switch

Display Range

pH	2-12, 0.1 resolution
HRR®	0-1000 mV, 1mV
Temperature*	32-150° F, 1° F resolution (0-65° C, 1° C)
Derived ppm	0.2-3, 0.6-6, or no ppm

Outputs

Relays (5A @ 115 VAC) - 3 solid state relays for single or dual pool control

1 optional mechanical relay*

pH control for flow restored delay

HRR® control for flow restored delay

Sensor Wash*

Alarm

Booster Mode (Salt Systems)

Data Logging*

The data logging frequency is selectable from 1 to 60 minutes

Communications*

Direct	9,600-57,6000 bps RJ11 offset connection
Modem	33,600 bps data rate RJ11 offset connection Status LED's for ring and carrier
Ethernet (TCP)	Network Port RS48 @ 19,2000 bps data rate
WI FI	Compatible

Physical Specifications

Dimensions

Controller	5.5" x 9.1" x 3.7" 139.7 x 231 x 94 mm
Datalogger*	5.5" x 9.1" x 3.7" 139.7 x 231 x 94 mm

* Optional

Materials

Enclosures	Light grey PC/PBT blended plastic with a UL® 94-5VA flammability rating
Meets UL® Standard 508, NEMA® 4X and IEC529—I.P. 66 requirements	
Flowcell Body	PVC
Flowcell Cover	Clear, Acrylic
Sensor	Polysulfone 28 mL inorganic electrolyte

Programmable Alarms

pH
HRR®
Temperature*
No Flow - Disables feed relay outputs
Chemical Overfeed - Disables feed pumps
Manual on Overfeed - Disables feed pumps

Support Services

On-site Service
Annual Service Contract
5 year limited warranty on controller
2 year limited warranty on pH, HRR®, and temperature sensors

General Information

Operation/Installation Manual

Standards & Certifications

Strantról® controllers exceed the highest industry standards in the United States and abroad. Standards include UL Listed, CSA®, FCC, OSHA, and the newest European standard, CE.

Siemens Aquatic Quality Products

The Strantról® System controller is part of a full line of Siemens commercial pool and spa products. These include acid-free pH control systems, other water chemistry controllers, ultraviolet disinfection, and chemical delivery systems.

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Literature No.: ST.040.815.000.IE.PS.0708
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