

Stranrol® Impact AFC Filter Controller

Product Description

The Stranrol® Impact Aquatic Management System continues to be the beginning of a new generation of mechanical pool and spa controllers from Siemens Water Technologies.

As a component of the system, the Stranrol® Impact AFC filter controller is designed to provide the operator with easy menu navigation, detailed help screens and a remote touch screen for custom accessibility. The modularity of the filter controller allows for more upgrade options and has the ability to control filter functions for a single body of water. The controller features include manual, differential pressure, flow rate, and flow volume triggers for automatic filter backwash.

Key Benefits

- Modular platform with expansion capabilities
- Touch screen control
- Remote operating panel
- Filter backwash
- Backwash safety devices
- Graphical data logging



Product Sheet

Water Technologies

SIEMENS

Inputs (Single or Dual Pool Control)

Sensors

Backwash Sump Level Switch, Differential Pressure Switch, Flow Sensor*, Surge Tank Level*, and Strainer Vacuum*

Display Range

Flow Rate*	0 – 9,000,000 Gallons 1,000 Gallons resolution 0 – 1,800 m ³ /h 1 m ³ /h resolution
Flow Volume*	500 billion gallons 1,000 gallons resolution
Surge Tank Level*	0 -100 ft 0.1 ft resolution 0 -30 m 0.1 m resolution
Strainer Vacuum*	32 - 0 in Hg 0.1 in Hg resolution
Differential Pressure	Switch Contact

Outputs (Filter Control)

Relays (5A @ 115 VAC) - 4 or 8 solid state relays for single or dual pool control

Heater control

Alarm

Surge tank autofill*

Recirculation protect control*

8 additional solid state relays (5A @ 115 VAC)*

Filter Backwash

Recirculation Pump

Pressure Amplifier Pump

Security Passwords

Operator (6)

Managers (2)

Representative (1)

Physical Specifications

Dimensions

Controller	15.7" x 15.7" x 6.7" 399 x 399 x 170 mm
Remote Display	5.5" x 9.1" x 3.7" 139.7 x 231 x 94 mm
Touch Screen	6" 152.4 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. Non-metallic closing screws, modified polyurethane door gasket, non-metallic wall mount brackets

Surge / Balancing Tank Switch* Corrosion Resistant Epoxy

Pressure Transducers 316 SS body, Chemical Resistant Diaphragm

Backwash Sump Level Switch Corrosion Resistant Epoxy

Flow Meter & Saddle* Polypropylene, Cast Iron

Programmable Alarms

Flow Rate*

Flow Volume*

Backwash Failsafe

Emergency Off

Support Services

On-site Service

Annual Service Contract

5 year Limited Warranty on Controller

2 year Limited Warranty on Sensors

1 year Limited Warranty on Filter Control Console

General Information

Operation/Installation Manual

Standards & Certifications

Strantrol® 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 Strantrol® Impact AFC Filter 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.040.830.002.IE.PS.0209
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