

SADF



Automatic Flocculant Dosing System

Use

- The automatic flocculant dosing system is an apparatus that varies the flocculation by dosing only the product that is strictly necessary for a proper water purification, reducing the consumption of the flocculating agent
- SADF provides simple, automatic adjustment of the flocculant solution flow rate
- The monitoring system is fully-automatic with a graphic interface, allowing users to view and personalize the system

Main Characteristics and Accessories

- The system is comprised of two main units
- The control panel installed in a fiberglass casing, contains the processor that controls the system. A color touch-screen operator panel allows users to check and change the system parameters
- The SADF has a series of free contracts, making possible an interface with any other electric switchboard
- The Reading unit, made in fiber glass, contains a hydraulic device for sampling the dirty water to be analyzed (taken from the center of the settling tank) and an electronic device to check the quality of the flocculation
- Monitoring takes place by means of optical fiber which sets or reduces the quantity of flocculant solution

Physical/Operating Characteristics

Control Panel		
Dimension	Imperial	Metric
Depth	10"	250 mm
Width	16"	405 mm
Height	24"	615 mm
Weight	66 lb	30 kg

Reading Unit		
Dimension	Imperial	Metric
Depth	10"	250 mm
Width	16"	405 mm
Height	24"	615 mm
Weight	55 lb	25 kg

Power

Dimension	Voltage/Kilowatts
Single-phase power supply voltage	230 V
Power supply frequency	50 Hz
Power requested at electrical switchboard	.3 kW
Protection of the panel	IP 55
Protection of the monitoring unit	IP 55

* Also available for non-standard voltages, frequencies and power ratings.