

A Scrubber – air filtration system 1.1 kW.



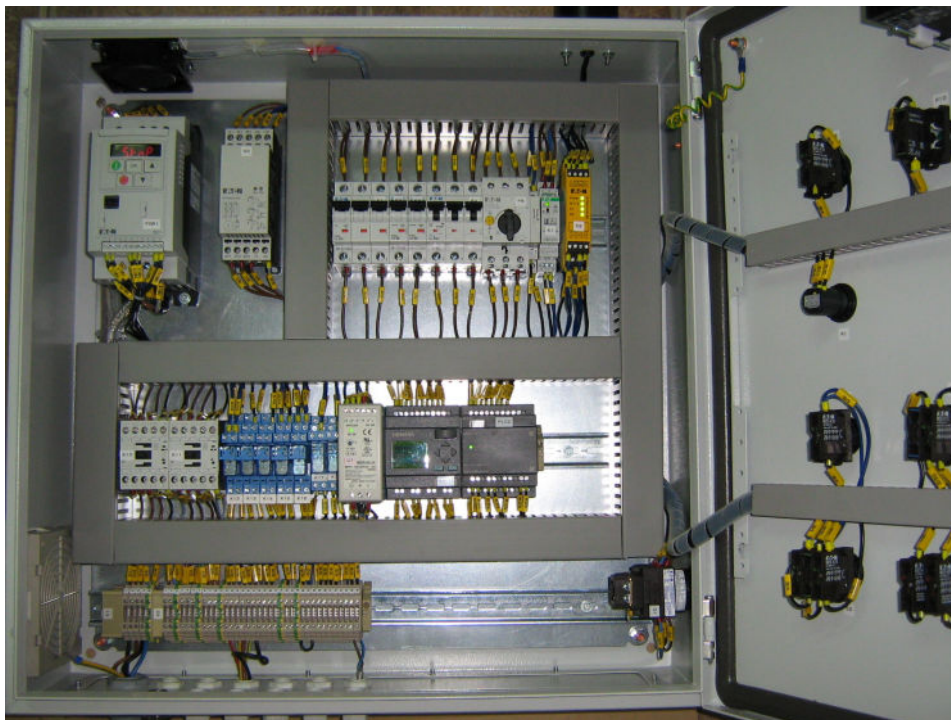
Picture 1. External view

The system is dedicated to control the installation of air purification from impurities formed during the production of chemicals. During operation the device reads state of liquid level and pH level sensors. It controls a 0,75 kW fan, a 0.37 kW pump, neutralization system and some solenoid valves.

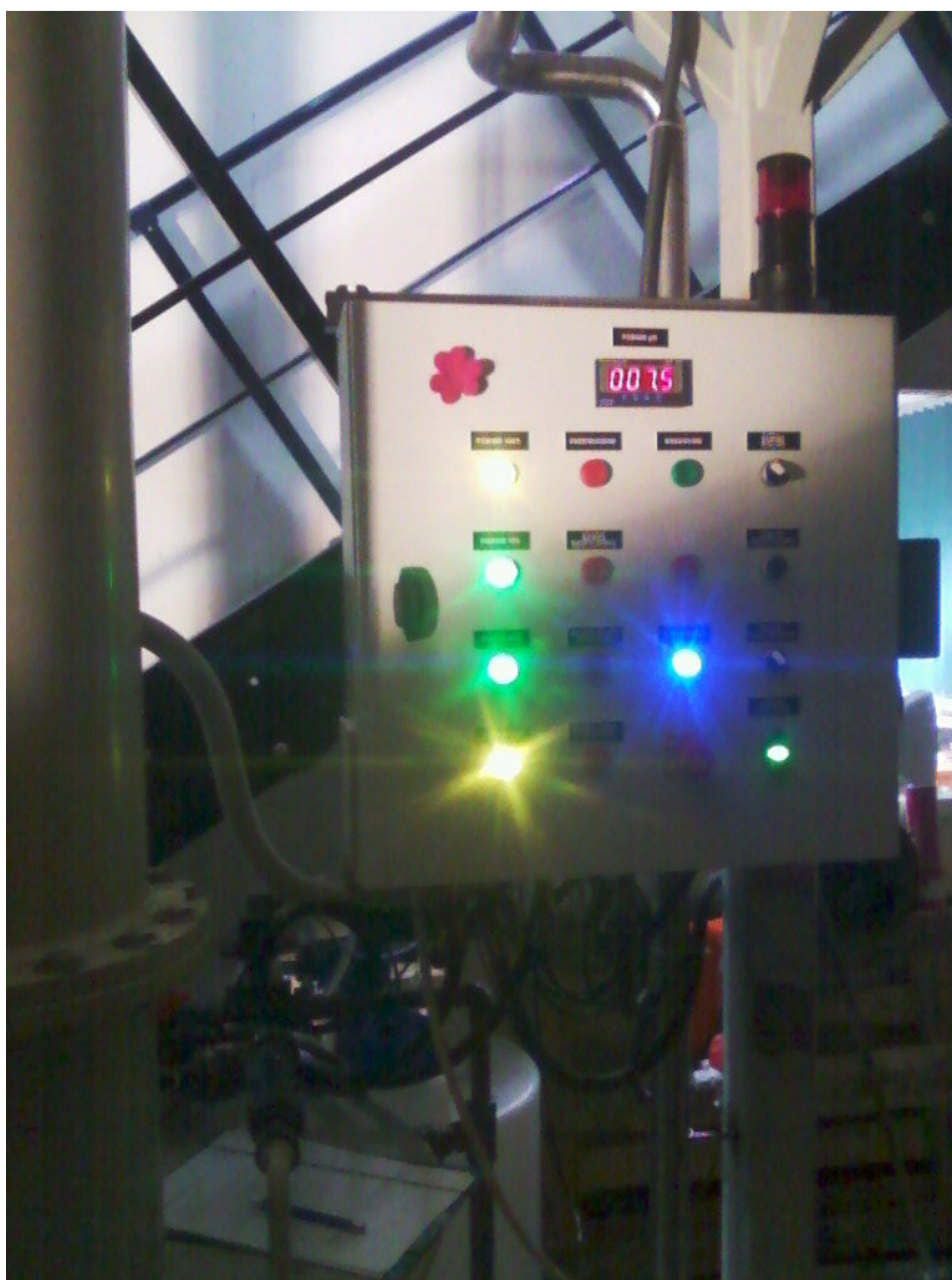
There are a Siemens Logo! PLC, Variable Frequency Drive Eaton DC1 series and Soft Start Eaton DS7 series installed in the system.

Key features:

- ✓ Maintaining an adequate level of water in the scrubber tank.
- ✓ Speed control of 0.75 kW fan.
- ✓ Monitoring of pH level in the scrubber tank.
- ✓ Metering of agent to neutralize water pH level.
- ✓ Monitoring of leakage and overflow sensors.
- ✓ Water replacement process in the scrubber tank.
- ✓ Alarms and messages list.



Picture 2. Internal view



Picture 3. On Site installation.