

SAMLink Control System

Flexible, Energy Efficient, User Friendly Systems

SAMLink Control Systems are designed to control SAM units from a remote console or panel. Linked individually or in groups, an operator can increase or reduce airflow to a selected area and utilize the set back feature during off-peak hours, resulting in lower operating costs.

Our exclusive state-of-the-art, reasonably priced fan filter control systems utilize our standard motor blower units without using high cost DC motors.

Precise Airflow Control

SAM units are controlled individually or in groups.

Fan speeds are set and/or adjusted from a console located outside the cleanroom without breaching the integrity of the cleanroom. Three levels of adjustment are possible: Individual address, per Cleanroom zone, or Globally (all addresses).

The number of addresses is almost unlimited.

Room or equipment layouts with unique airflow requirements are easy to set and control.

Lower Installation Cost

Installation is seamless and quick. Fewer breaker lines reduce material and electrical contractor costs.

Reductions in on-site power distribution wiring lower contractor labor cost.

Installation cost is lower as a result of simplified balancing and adjusting capabilities along with reducing the time required at start-up.

Reduced certification costs.

Lower Maintenance Costs

Recalibration and balancing of rooms is simplified.

Individual zone shut-down enables isolated upgrade or maintenance operations to take place without disrupting or affecting the integrity of the cleanroom.

Soft Start Capability

SAMLink Systems with adjustable soft start holds start-up to under 0.8 amperes per 277 Volt SAM MS unit. This results in major cost savings during installation, reducing electrical breaker requirements by as much as 50%.



Fig. 1: Assembled SAMLink System in CRI Cleanroom

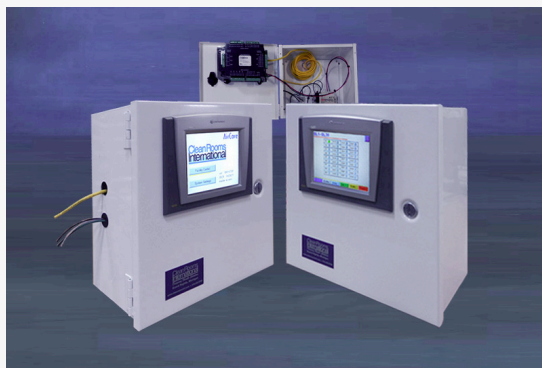


Fig. 2: Touchscreen Console Shown (other consoles available)