Scope of Work- FIU- MSB 232/ 232A
Conversion of Constant Volume to Variable Volume-

TEL-AFA 4000 Monitor installed, Monitor working in performing multiple functions, first to continuously monitor if safe conditions exist by measuring airflow. Secondly, controlling the VAV system, ensuring we provide safe conditions, and controlling exhaust to maximize energy savings.
Finally, this same controller is the interface for the Auto Sash unit.

TEL- Auto Sash installed, ensures that the sash door is shut when fume hood is not in use. Tel once again focuses on delivering a product that focuses on both energy, but also safety.
This provides safer conditions to the users, by ensuring that the sash door is shut when a person is not physically working within the fume hood..

Also, by combining both Auto Sash and the TEL VAV controller we can guarantee the savings by ensuring that the sash door is shut at every opportunity.

Existing valves were able to be retrofitted using TEL retrofit kit. This ensures that the conversion from CV to VAV will be converted quickly, without having to replace/ remove existing duct work.

This also, minimizes expenses tremendously by being able to reuse existing equipment.

Fume Hoods were certified to ensure proper airflow.

Lastly, TEL AFA-5000 was installed.
Room space controller was powered up to control the entire space. Controlling

- Fume Hoods
- General Exhaust
- Room Supply
- Presence Sensors
- Measuring CO2, Differential pressure, temp, RH, etc.

TEL provides laboratory and kitchen solutions that deliver a safer workplace environment, increased energy efficiency, and improved operational performance. TEL is a world leading manufacturer of laboratory airflow controls and monitors. In North American, TEL also provides engineered turn-key retrofits, retro-commissioning, and other products for new and existing laboratories. For information, visit TEL-Americas.com, or call us at 920.267.6111.