

Upgraded Technology of the Clean Air BRAHM™ Series

The optional **Clean Air Synapse™ Panel** is a custom Clean Air America HMI/PLC panel that combines a VFD along with human interface technology that allows monitoring of the system's static pressure, fan amperage, RPM and HP, and cleaning system performance, as well as fine tune conditions to maximize performance.



The **Clean Air Synapse™ Panel** can control multiple systems from a single location, giving maintenance personnel information on filter status and a daily & weekly data logging summary, thereby reducing maintenance time and costs.



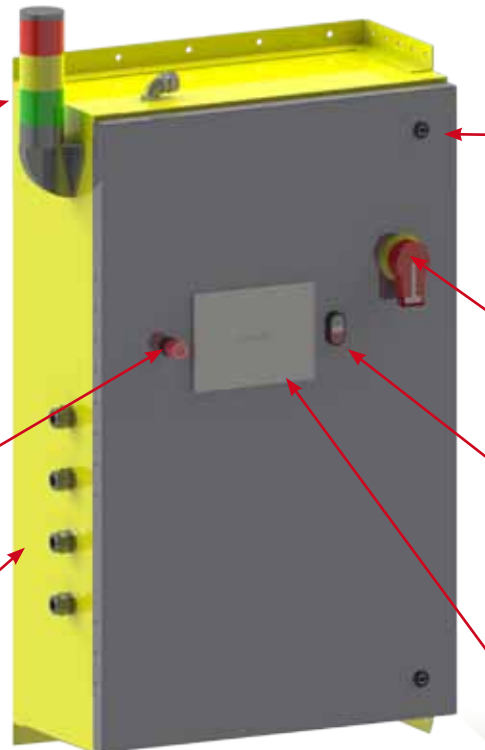
The **Clean Air Synapse™ Panel** controls speed pulsing, which is nearly 80% faster than the industry's standard filter pulsing. It utilizes proprietary controller algorithms for the self-cleaning system, and features remote monitoring for run time scheduling, status logging, built-in diagnostics, and system manuals.

The Clean Air Synapse™ Panel is the wise way to control your machine setup.

Status / Stack Light: visible confirmation of how the unit is running. **Green** = normal / no errors; **Yellow** = unit is running but attention is needed / i.e. filter change, pressure regulation change; **Red** = unit is stopped / i.e., VFD is not communicating, FSS has been tripped.

Emergency switch: quick stop emergency button

Quick Connect: quick connect conduit feeds, much faster and more convenient than tightening bolts and screws



Panel Locks: keeps the panel secure and closed from unauthorized access

Disconnect Switch: completely disengages power supply to electrical panel

Start / Stop: push-button power switch with light indicator

HMI: touch-screen interface that allows the operator to easily connect, monitor, and control process