Allentown
Improving Life – it's in our DNA.®

ANIMA LAB
animal facility and laboratory equipment • animal research models

WiVarium Plus

Your trusted global partner in life-saving research.

For over 50 years, Allentown has provided critical solutions to the biomedical research community. Our high-quality equipment and advanced vivarium systems continue to define and exceed industry standards. Like everything we do, our unparalleled customer service is stamped with the Allentown hallmarks of integrity, dedication and care.

WiVarium Plus™

BLOWER CONTROL AND IVC MONITORING

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WiVarium Plus

Providing critical solutions with integrity and care.

Tablet-based Blower Control and IVC Monitoring

WiVarium Plus is Allentown's iPad / tablet app that allows users to both control the day-to-day operation of their blowers, and monitor conditions such as temperature, humidity, ACH, filter status, IVC pressure – essentially all of the parameters and conditions necessary for the effective maintenance and success of your facility – all from your iPad or tablet, and all from most anywhere in the world!

Entire Facility Communication – WiVarium Plus does not require a touchscreen in order to monitor and control blowers, but will work with all current-generation EcoFlo blowers, even those that have a touchscreen. Utilizing Wi-Fi or Bluetooth technology, WiVarium Plus can wirelessly communicate with some – or even all – of your blowers from a single iPad or tablet.

Instant Notifications – Alarm notifications in WiVarium Plus are robust, easy to configure, and can alert users through email or email-to-text message at anytime, to most anywhere. Now, users can be sure that alarms are addressed quickly and effectively, before the animals or the research have been irreparably impacted.

Data Collection and Reporting – WiVarium Plus combines an intuitive, easy-to-use interface with a 14-day device-based repository. This gives users the ability to remotely monitor research animal housing parameters, record and review collected data, generate reports, and set levels for automated alarm broadcasts via email and email-to-text message.

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WiVarium Plus

SPECIFICATIONS

Feature	WiVarium	WiVarium Plus	Wi-Com Vantage
Feature Comparison			
Wi-Fi	■	■	■
Bluetooth	■	■	
App-based	■	■	
Costing savings	■	■	
Display blower status (T, H, Alarm)	■	■	■
Display blower "friendly name"	■	■	
Tablet / iPad-based	■	■	
Control blower settings remotely	■	■	■
Offers other in-room capabilities	■	■	
Facility server required			■
Web application			■
14-day data storage		■	■
Long-term data storage			■
Scan mode of holding room		■	■
Scan mode of facility			■
Allentown install team required			■
Daily reporting		■	■
Weekly reporting		■	■
Graphing of data			■

Notes

Communicate with blowers of an entire room (Bluetooth), or an entire Facility (Wi-Fi)

From an iPad or a tablet:
- Control via Bluetooth: 3 blowers in sequence (must be within range)
- Control via Wi-Fi: unlimited blowers in sequence

From a Windows PC (Windows 10 Pro):
- Control via Bluetooth: unlimited blowers (must be within range)
- Control via Wi-Fi: unlimited blowers in sequence

Connexion:
- Wired (RJ25 – RJ45 cable, or USB output)
- Wireless (Bluetooth or Wi-Fi)

Consultation / real-time settings on PC, iPad or tablet

Alarm or default notifications by email or email-to-text

Recording of data and editing of reports (PC)

Recording of data on iPad app (can export data for editing / importing into Excel)

Temperature Supply (°F or °C)

Relative Humidity Supply

Cage Polarity

Air Changes

Temperature Exhaust (°F or °C)

Relative Humidity Exhaust

Positive and Negative Mode

Change Blower Settings: Adjust the ACH

Filter Status   Blower Status   Alarm Status   Home   Maintenance PIN Code

(iPad version shown)

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