



VLADS
A SINGLE, UNIFIED
COMMAND
CONSOLE
FOR YOUR
LABORATORY

ARCOPLAST VLADS

Arcoplast, renowned as the gold standard in walls and ceiling systems for high containment facilities, now introduces the VLADS command and monitoring console.





THE NUCLEUS OF YOUR LABORATORY

The Arcoplast VLADS is the nucleus of your laboratory: a single, all-encompassing dashboard center that provides your staff with both environmental and operational information and secure access. The VLADS console offers constant awareness to a safe working environment.

Arcoplast assembles each VLADS as a stunning module that seamlessly interfaces with the Arcoplast wall system, becoming part of the primary or secondary barrier.



LIFELONG DURABILITY BREATHTAKING BEAUTY

The VLADS command console is made from a durable, hygenic, non-porous material with a stunningly beautiful, translucent finish. Choose from a range of stunning colors to express the aesthetic identity of your laboratory and inspire the creativity of your team.



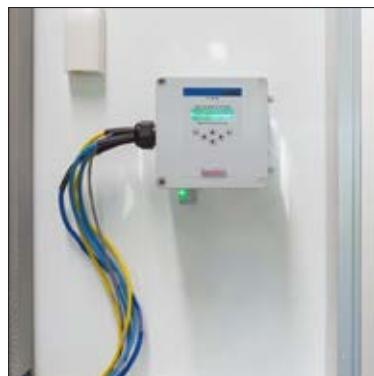
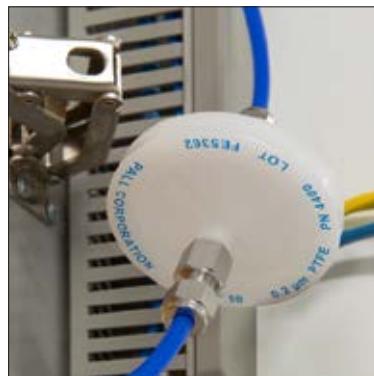
DOOR ASSEMBLY

VLADS doors are made-to-measure and factory assembled to exacting customer specifications. VLADS doors are hung on a concealed, nickel-plated, self-closing hinge mechanism with 175° motion, allowing the door to swing completely out of the way and give access to the cabling, decon ports, air filter, and hardware, all concealed inside the recess.

LDU's, monitoring sensors, and gauge cut-outs are completed with precision CNC tooling, producing a clean, dust free console.

With minimum on-site tooling and minimal disturbance, the VLADS console can be easily and quickly fitted to your specifications and installed by your BAS electronic hardware provider.

FUNCTIONAL BEAUTY

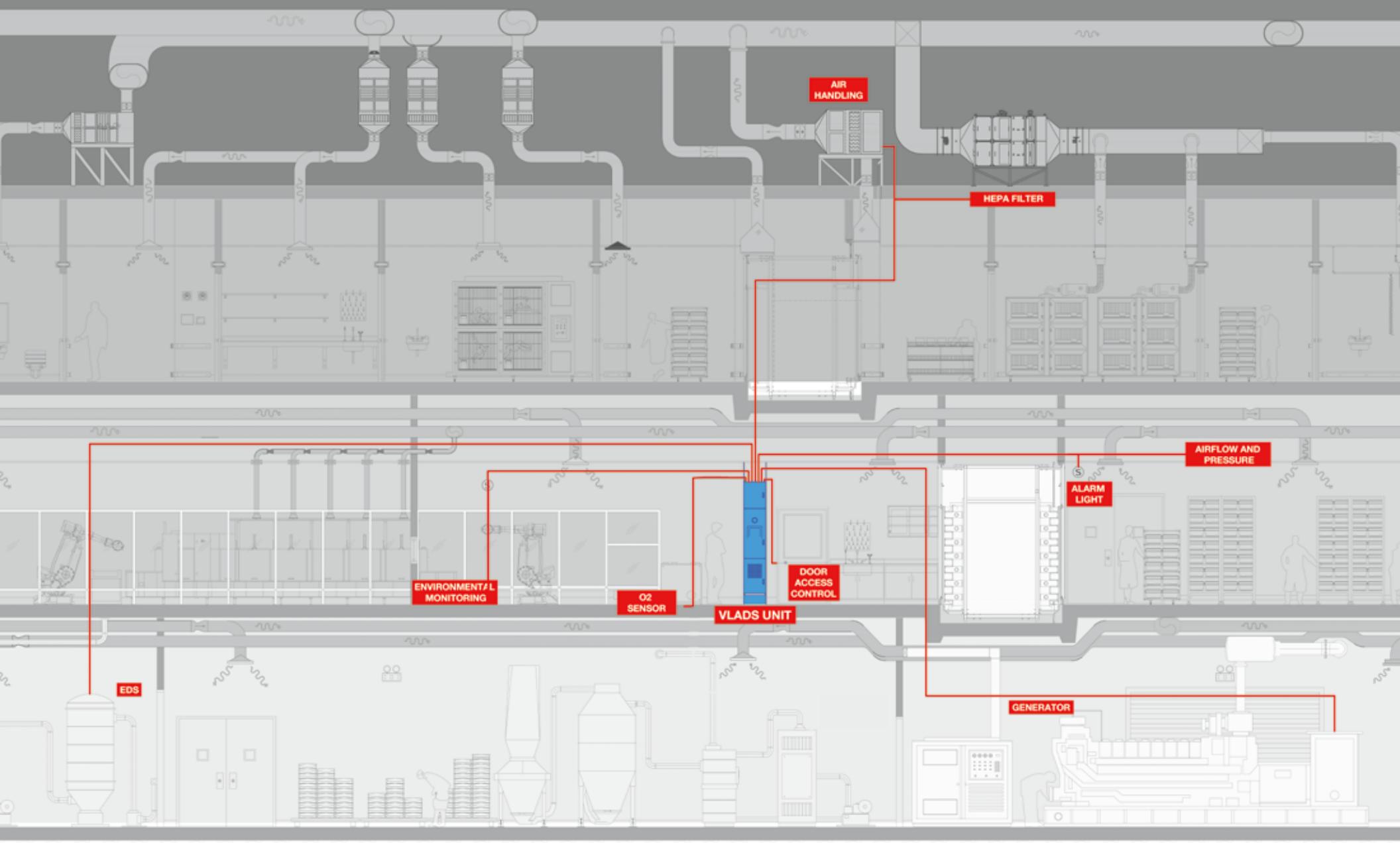


VLADS LDU's - LAB SAFETY SIGNAGE SYSTEM, MONITORING SENSORS, SECURE ACCESS DEVICE, GAS ALARM, MAGNAHELIC GAUGE, O2 SENSOR, AND MORE...



VLADS FILTER & DECON PORTS

The unique design of the VLADS housing helps conceal and protect air filter system, decon ports, cabling and monitoring sensors while allowing immediate access for maintenance when needed. Most importantly, the entire assembly is seamlessly joined with the Arcoplast liner panels to become part of the containment barrier itself.



VLADS INTERFACE

Arcoplast understands that each containment facility is unique, with its own series of sensors, alarms, and ventilation systems. Thankfully, the VLADS are engineered to be endlessly customizable, meeting the wide-ranging requirements of any laboratory and capable of being refitted for future technologies and research.



SIMPLE & ORGANIZED CABLE MANAGEMENT

Arcoplast VLADS are designed to solve the problem of cable management by providing ease of access to the entire cable feed. This means that old equipment, such as outdated monitoring systems and malfunctioning sensors, can be quickly replaced without compromising the primary or secondary barrier of the laboratory itself. In addition, if the need for new and urgent research arises, the VLADS can be quickly repurposed to meet the specifications of a new project.

Designed for BSL-3, BSL-3Ag, BSL-4,
and high containment facilities

FEATURES

- Centrally and ergonomically located.
- No compromise in barrier integrity.
- Allows for upgrades without lab interruption.
- Devices, cabling feeds, air filters, electronic components and ports are securely protected and concealed, yet accessible for maintenance and modifications.

BENEFITS

- Tremendous flexibility and cost savings over time.
- Unparallel security and safety for its occupants, environment and research.
- Unlimited customization capabilities.
- Selected decon ports can be easily reconfigured.
- Ultimate tool in Building Automation and Information systems.





SIMPLE ASSEMBLY & INSTALLATION

The VLADS consoles are manufactured and pre-assembled with the anodized aluminum frame, doors, header in-fill, sill and back panel. The VLADS's back panel is also prepared to specifications and packaged separately, to be installed in conjunction with the laboratory adjoining wall liner panels.

The VLADS unique aluminum extrusion profile was engineered to nestle within the wall framing members and the entire console is set into place and anchored to the floor and ceiling system with 4 VLADS brackets.

This innovative design enables the interface of Arcoplast barrier back side panel and the VLADS doors to align on a seamless plane, eliminating all protruding headers, sill and door edges. After the wall barrier panels installation is completed, the entire assembly is then sealed into place.

The result is a full cGMP compliant construction that becomes part of the primary and secondary barrier system.



ARCOPLAST VLADS

A single, unified command and monitoring console for your laboratory.

V -VAPORIZED HYDROGEN PEROXIDE DECONTAMINATION

L -LABORATORY DISPLAY UNIT (LDU)

A -ACCESS AND MANAGEMENT CONTROL DEVICE

D -DIFFERENTIAL PRESSURE INDICATOR

S -SAFETY, SIGNAGE, AND MONITORING DEVICE

compliant



World Health Organization



OIE
WORLD ORGANISATION
FOR ANIMAL HEALTH



NIH
NIAID



CDC
Centers for Disease Control and Prevention



National Institute
of Allergy and
Infectious Diseases



cGMP
CERTIFIED



USP



FDA



USDA



Agriculture and
Agri-Food Canada