

Controls Upgrade

Controls Upgrade to secure controlled climate conditions years ahead

Munters HC, HCD, MDS and ICA units are all high quality air handling equipment designed and manufactured for controlling climate conditions. Due to their durable construction, we have many operating units dating back to the 90's.

Benefits:

- Eliminates the risk of failure for aging obsolete controllers
- Easy-fit solution minimizes down time during installation
- Extended control solution with advanced features available



At the time of production Munters chose to have Allen-Bradley MicroLogix 1000 PLC integrated for exact control of the equipment. Allen-Bradley discontinued this controller in 2017. They have since ceased supporting this product, and Munters' stock has been exhausted. Munters has an updated solution ready for you to avoid problems related to discontinued controls.

Munters offers a preventative upgrade of the controller to avoid problems related to uncontrolled climate conditions in the event of controller failure. To ensure trouble-free operation Munters recommends taking timely action as retrofit packages are tailor made for each customer thus requiring some lead time.

What would work best for you?

1:1 Replacement or a Complete Control Panel Replacement?

1:1 Replacement

Unit operation with basic functionalities will be exactly as before. Munters technician will install the new PLC in a separate enclosure, typically, placed on top of the equipment.

This solution is an easy fit, as the wiring will be connected to the terminal blocks (where the MicroLogix 1000 was previously located), and all interconnection wiring will be in the appropriate conduit. Munters will provide electronic wiring diagrams and program sequences.

PLC solution:

- Allen-Bradley MicroLogix 1400. A simple replacement option for customers preferring the Allen-Bradley brand.

Complete Control Panel Replacement

This more extensive upgrade consists of a control enclosure containing a new PLC with a digital HMI panel. The control is tailor-made, based on customers needs and requirements. All electrical components are pre-wired and factory tested, allowing for easy installation on-site by a Munters Technician. Munters will provide electronic wiring diagrams and program sequences.

This upgrade allows for adding advanced features compared to your existing Allen-Bradley MicroLogix 1000 PLC, like:

- Connection to existing BMS system
- Remote communication (BACnet)
- More humidity and temperature sensors for more exact and energy efficient control
- Remote alarm

To provide a quotation for the best solution for your control upgrade, please e-mail us the Munters Shop Order Number and Serial Number (nameplate data) at serviceairtusa@munters.com

As the new controls unit will be configured using the program of record for your existing unit, it is essential that you advise us of any modifications that may have been made.