



ATTENTION CUSTOMERS

The Controls For Your System May be Obsolete!

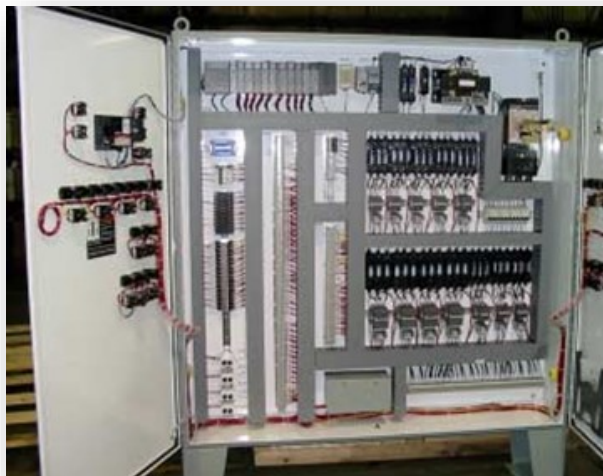
The control panel for your system is an important component as it is critical to the operation of your equipment and allows you to have flexibility in how you operate your plant. As a valued customer of Aqua-Aerobic Systems, we wanted to alert you to the fact that certain PLCs and operator interfaces utilized in your control panel may have been discontinued. Direct replacement parts for the discontinued products may no longer be available and we wanted to make you aware of what we believe to be the best options for upgrades.

Reasons to Consider a Control Upgrade Include:

- Eliminate downtime due to hardware obsolescence and lack of availability of replacement parts
- Higher speed and more reliable communication between a new PLC and operator interface
- LCD touch screen display provides operator friendly, easy to use status and control information
- Ideal opportunity to add customized program control, such as D.O. control, T.S.S., nitrate monitoring and more

Aqua-Aerobic Systems has many types of PLCs and HMIs installed at our plants historically. Two of the most common types we have provided are the Allen-Bradley SLC series of PLCs and Panelview operator interfaces, and the Koyo (Direct Logic) PLCs with various types of operator interfaces.

The current standard control system Aqua-Aerobic Systems recommends is the Allen-Bradley Logix Series PLC, pictured below mounted in a stainless steel enclosure. The standard operator interface (not shown) is the A-B Panelview Plus 6 Model 700.



As noted above, many of the PLCs and operator interfaces that were supplied are now obsolete. A list of obsolete PLCs and HMIs is presented below.



Partial List of Obsolete/End of Life PLC Models

Allen-Bradley Products

PLC-5 (1785 SERIES)

PLC-5/11	Obsolete/discontinued
PLC-5/20	Obsolete/discontinued
PLC-5/20e	Obsolete/discontinued
PLC-5/40	Obsolete/discontinued
PLC-5/40e	Obsolete/discontinued
PLC-5/60	Obsolete/discontinued
PLC-5/80	Obsolescence planned/end of life
PLC-5/80e	Obsolescence planned/end of life

PLC-5 (1747 SERIES)

SLC-5/01	Obsolete/discontinued
SLC-5/02	Obsolete/discontinued
SLC-5/03	Obsolete/discontinued
SLC-5/04	Obsolescence planned/end of life
SLC-5/05	Obsolescence planned/end of life

ControlLogix

L61	Obsolescence planned/end of life
L62	Obsolescence planned/end of life
L63	Obsolescence planned/end of life
L64	Obsolescence planned/end of life
L65	Obsolescence planned/end of life
L61S	Obsolescence planned/end of life
L62S	Obsolescence planned/end of life
L63S	Obsolescence planned/end of life

MicroLogix (176x SERIES)

MicroLogix 1000	Obsolete/discontinued
MicroLogix 1200	Obsolescence planned/end of life
MicroLogix 1500	Obsolete/discontinued

It is our understanding that the Allen-Bradley SLC series of PLCs will be discontinued in the next 1-2 years, this would include the SLC 5/04 and SLC 5/05, as noted above, which are installed at many of our locations. It is our understanding that the Koyo (Direct Logic) PLCs will be available for the foreseeable future. You can confirm which PLC is installed in your facility by inspecting your control panel or reviewing the electrical drawings in your O&M manual.

Non-Allen-Bradley Products

Modicon

584
884
984

Siemens

S5

GE Fanuc

30
90



Partial List of Obsolete HMI Models

Panelview

550
600
900
1000
1500

Misc.

Exor Uniop

KEP Zoid

Horner Color-Touch OC S300

Optimate

OP-1124
OP-1124-1
OP-1212
OP-1224

OP-1312
OP-1500
OP-1510
OP-406

The Current Standard HMI Aqua-Aerobic Recommends:

Plants with Allen-Bradley Controls

A-B Panelview Plus 6 Model 700 (or larger models)
To replace the models listed above



Plants with Non-Allen-Bradley Controls

EZ Touch
To replace the non A-B models listed above



Note: If Aqua-Aerobic provides a replacement PLC, it will be pre-programmed at Aqua-Aerobic prior to shipment.

Let Aqua-Aerobic Systems help you plan your future budget and continued uptime by providing a proposal for an upgraded PLC and operator interface. Please contact one of our Aftermarket Sales Representatives to request a quote.

Equipment	AMS Sales Rep	Direct Line	Email Address
Aerators and Mixer Parts	Denise Boehm Emily Kullberg	815-639-4461 815-639-4494	dboehm@aqua-aerobic.com ekullberg@aqua-aerobic.com
AquaSBR®, Aqua MixAir®, AquaPASS®, Aqua-Aerobic® MBR Parts	Tim Lamont Emily Kullberg	815-639-4515 815-639-4494	tlamont@aqua-aerobic.com ekullberg@aqua-aerobic.com
Cloth Media Filter Parts	Denise Uchacz Tom Mangione	815-639-4514 815-639-4589	duchacz@aqua-aerobic.com tmangione@aqua-aerobic.com
AquaABF® & Sand Media Filter Parts	Tim Lamont Tom Mangione	815-639-4515 815-639-4589	tlamont@aqua-aerobic.com tmangione@aqua-aerobic.com
Ozone & All Products	Michaela Villarreal	815-639-4472	mvillarreal@aqua-aerobic.com
External Sales Representatives for All Products	Jeremy Finnel Drew Johnston	815-218-4133 815-636-4818	jfinnel@aqua-aerobic.com djohnston@aqua-aerobic.com