

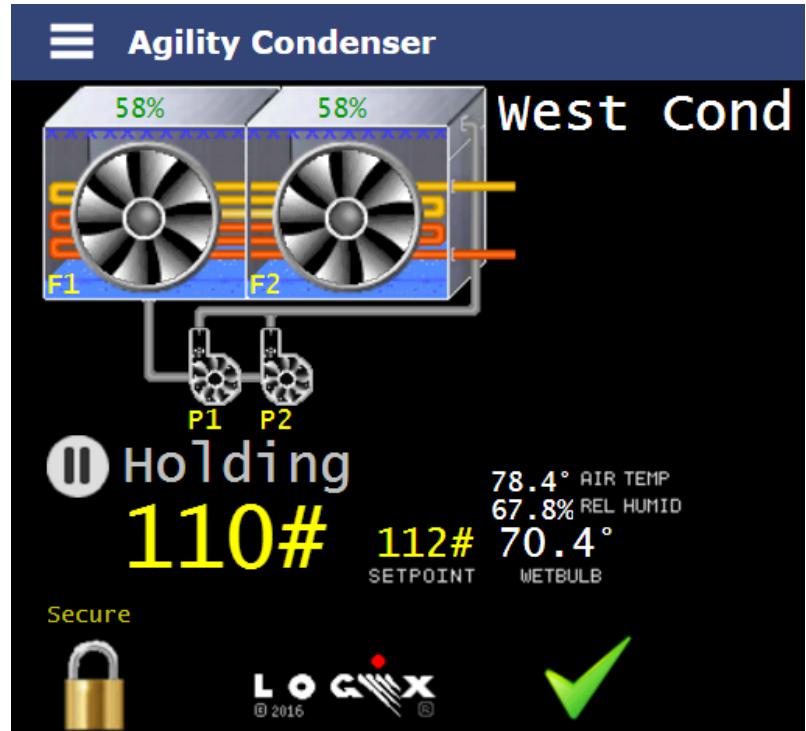
Agility™

Condenser Controller

Choose the controller that addresses today's demands and tomorrow's changes.

Condenser control requirements have evolved beyond pressure switches and static control.

Make the right control moves at the right time with *Agility*.



WEB BROWSER-ACCESSED GRAPHICAL USER INTERFACE FOR THE LOGIX AGILITY CONDENSER CONTROLLER.

Stand-alone, Equipment-specific Design

Agility's stand-alone, equipment-specific controllers are ready "out of the box." They are field configurable from any wireless Wi-Fi or Ethernet connected web-browser device such as a smart phone, tablet or computer.

Scalable from a single unit to a large distributed control system, *Agility* network features support entire refrigeration system monitoring and control from a central computer, SCADA or PLC platform.

Optional Master Controller provides plant-wide equipment coordination for enhanced energy efficiency and demand management.

Benefits

- Features that meet current operating and efficiency standards right out of the box
- Scalability from a single equipment item to a large distributed control system
- Cost-effective solutions for modernizing existing facilities

Contractors: Easily calculate your controls costs when bidding projects, from a price list alone.

Owners: Stay within construction budgets while positioning your facilities for future control and management needs.

AGL-500**CONDENSER CONTROLLER****Includes pressure and outdoor wetbulb sensors**

Agility Condenser Controller Capabilities

- Integrated sequencing control for up to six condensing stages — any combination of fans and pumps
- Controls up to two VFD fans with 4-20ma speed signals
- Floating Head Pressure control based on outdoor wetbulb conditions provides immediate efficiency benefits
- Adjustable temperature approach offset to match your condenser's design efficiency
- Plug n' Play menu selection pre-engineered for most all valve configurations
- Allows user-customized valve configurations for unique requirements
- Alarm output
- Motor confirmation readback input

Agility Networked Condenser Controller Features

- Built on proven Axiom™ technology, suitable for harsh industrial environments
- Web Browser Graphical Operator Interface over Wi-Fi or Wired Ethernet. Compatible with PCs, tablets, laptops, and smart phones.
- Animated hi-def graphics adjusts to match field configuration changes
- Online Help and Documentation (Wiring, Installation, Setup & Operation)
- Field updatable through USB port to keep current with refrigeration technology
- Open Modbus (Serial RTU & Ethernet) Monitoring and Control Communications for third-party PLC or SCADA integration.
- Optional Master Controller provides a supervisory layer of plant-wide equipment control with enhanced energy demand and efficiency management capabilities

Agility Condenser Controller Specifications

- Requires 120VAC or 240VAC power, 15 amp service
- Eight 120VAC Solid-state Digital Relays
- Three 4-20ma current loop Analog Sensor inputs
- Two 4-20ma current loop Analog Outputs for VFD fan control
- Modbus interface through isolated RS485 (RTU) serial port or 10/100 Ethernet Port (TPC/IP)
- Flexible WiFi interface for Web-based user interface (remove to gain more space)
 - WPA2 Security (user configurable)
 - Local Access Point Mode for a dedicated local WiFi network
 - Client Mode to connect to an existing WiFi network
- UL listed for industrial control.
- 12" x 12" x 7" UL Listed Type 4 Enclosure.
- Made in the USA.

Condenser Control Setpoints

Staging Control Mode Automatic

High Pressure Alarm 180 PSIG
Increase Fast Stage Offset 15.0 PSIG
Increase Stage Offset 5.0 PSIG
Control Pressure Setpoint 112 PSIG
Decrease Stage Offset 5.0 PSIG
Decrease Fast Stage Offset 15.0 PSIG
Low Pressure Alarm 0.0 PSIG

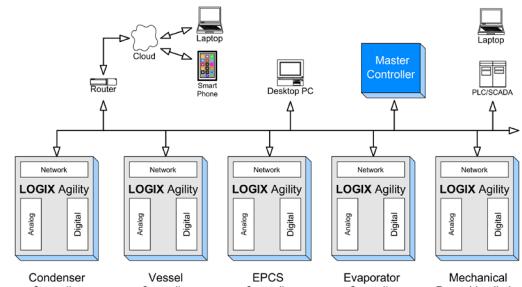
Fast Delay Time 12 Secs
Normal Delay Time 30 Secs
Normal Delay Time 45 Secs
Fast Delay Time 12 Secs

Maximum #Stages to Run 4
Minimum #Stages to Run 0

Floating Pressure Control?
Webbulb Offset (Approach) 12.0 °F
Max Floating Pres Setpoint 180 PSIG
Min Floating Pres Setpoint 100 PSIG

Save Changes Cancel

ONE OF SEVERAL AGILITY CONDENSER CONFIGURATION AND SETUP SCREENS, AS SHOWN IN A WEB BROWSER-ACCESSED GRAPHICAL USER INTERFACE.



NETWORKED AGILITY EVAPORATOR AND OTHER EQUIPMENT CONTROLLERS WITH HMI AND MASTER CONTROLLER OPTIONS SHOWN.

