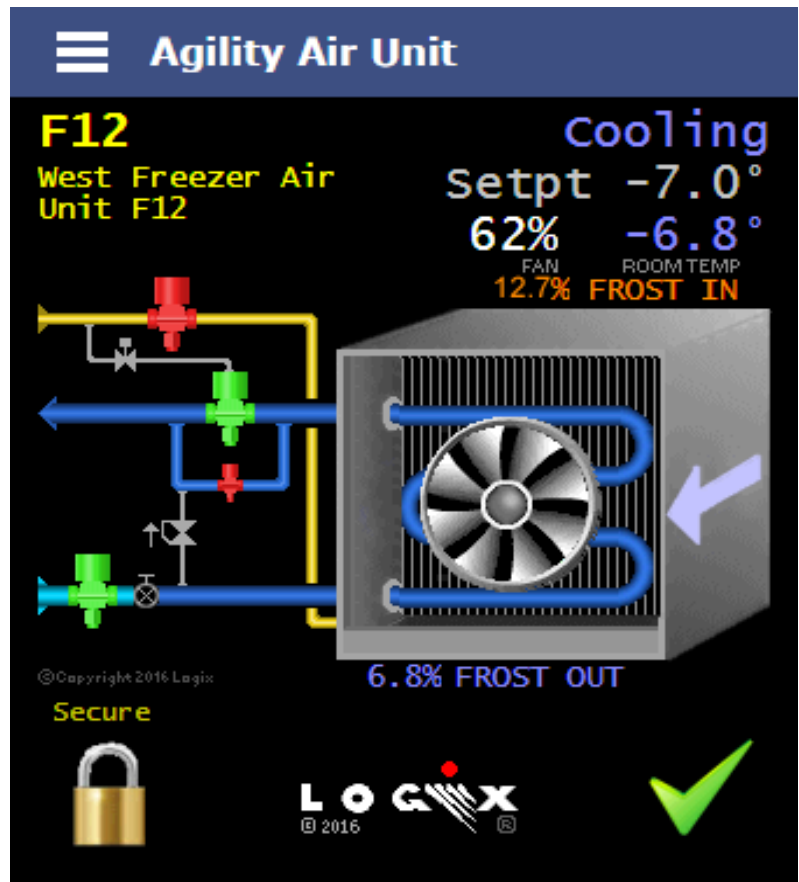


Agility™

Evaporator Air Unit Controller

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



Web browser-accessed graphical user interface for the Agility Evaporator controller.

Evaporator control requirements have evolved beyond thermostat and defrost.

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

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-400	EVAPORATOR CONTROLLER	Includes one -50–125F air temp sensor
AGL-410	— Evaporator Ammonia Sensor Option	Includes one 0–100ppm electro-chemical ammonia sensor
AGL-420	— Evaporator Superheat DX Option	Includes one -50–125F bullet-probe suction temp sensor and one 0–215 PSIG pressure sensor

Agility Evaporator Control Capabilities

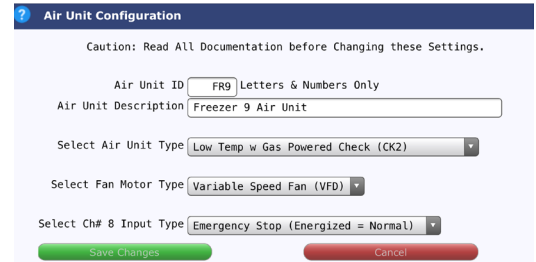
- Controls one evaporator valve group
 - Up to five solenoid valves
 - One fan control output, single speed or VFD speed, fan cycling control
 - One return air temperature sensor; platinum RTD provides long-term accuracy
 - Option for modulating DX liquid valve
 - Option for ammonia detection with integrated shutdown
- Plug n' Play menu selection pre-engineered for most all valve configurations
- Allows user-customized valve configurations for unique requirements
- Integral control for current equalizing suction valves (ICLX, HC2D, etc.)
- Built-in interlocks insure coil de-pressurization
- IntelliFrost, Liquid Runtime and Time-clock defrost initiation methods

Agility Evaporator Networked Controller Features

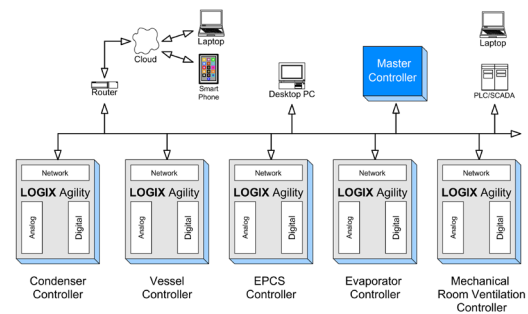
- Built on proven Axiom™ technology, suitable for harsh industrial environments
- Web Browser Graphical Operator Interface over Wi-Fi or Wired Ethernet. Compatible with PCs, tablets, laptops, and smart phones.
- Animated hi-def graphics adjusts to match field configuration changes
- Online Help and Documentation (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 Evaporator Specifications

- Requires 120VAC or 240VAC power, 15 amp service
- Integral 24VDC power for NH₃ monitoring and modulating valve control options
- Eight 120VAC Solid-state Digital Relays for controlling valves, fan and alarm annunciator. (All valves field-configurable as open or closed when energized.)
- Four 4-20ma Analog Sensor Inputs for Return Temperature, plus Suction Temperature and Pressure for optional DX.
- Two 4-20ma Analog Outputs for controlling Fan Variable Frequency Drive and Optional Modulated Liquid Feed DX Valve.
- Modbus interface through isolated RS485 (RTU) serial port or 10/100 Ethernet Port (TCP/IP)
- Flexible WiFi interface for Web-based user interface
 - 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.



ONE OF SEVERAL AGILITY EVAPORATOR 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.

