

AFCO Installation & Operation Instructions

Model #AF 976630 • PLC Jazz Entryway Satellite Controller



REQUIREMENTS

Compressed Air

Electricity

120V



<http://www.afcocare.com>

**READ ALL
INSTRUCTIONS BEFORE
USING EQUIPMENT!**

Overview

The PLC Jazz Satellite Controller is a control box with highly flexible programming settings used to regulate the operation of up to 10 Satellite Entryway Foam Sanitizers (or Trench Foamers) in applying rich foam to multiple entryway floors at programmed intervals, to prevent cross contamination from foot or wheeled traffic. Compressed air is used to activate and run the Satellite Entryway Foamers in accordance with a programmed schedule, without the need for electrical connections at the Satellites. Activation will start the flow of water/solution to the foamers; deactivation stops the flow of water/solution through the foamers. All foamers activate and deactivate at the same time.



Safety & Operational Precautions

- For proper performance do NOT modify electrical control box.
- Manufacturer assumes no liability for the use or misuse of this unit.
- Always consider electrical shock hazard when working with and handling electrical equipment. If uncertain, consult an Electrician. Electrical wiring should only be done by a qualified Electrician, per Local and State Electrical Codes.
- Disconnect electrical power to the control box prior to opening it.
- Remove any packing material from inside the control box before operating.

TO INSTALL (REFER TO DIAGRAM, NEXT PAGE.)

Note: This Controller requires a 120V electrical supply

1. Mount the unit at a convenient central location, close to the Satellite Entryway Foam Sanitizers or Trench Foamer Satellites. Do not connect to electricity supply.
2. Run a common 1/2" ID (minimum) compressed air supply line from the Lafferty Satellite Controller to each Satellite.
Note: The size of the airline may need to be 3/4" ID, depending on the distance and number of Satellite Foamers that will be installed. You will need up to 5 CFM at 60 PSI per station. IF in doubt oversize the line. You can drop the line size to 3/8" tubing off the main airline to attach to each Satellite.
Note: When used to control Vision Trench Foam Satellites, this air line is used to activate air activated solenoids at the Satellite. The Satellite unit must be connected to local compressed air. In this instance, the ID of the airline may be 3/8" for the entire installation.
3. Connect compressed air supply to the Controller. Do not connect to electricity supply.

TO OPERATE

JAZZ CONTROLLER SET-UP.

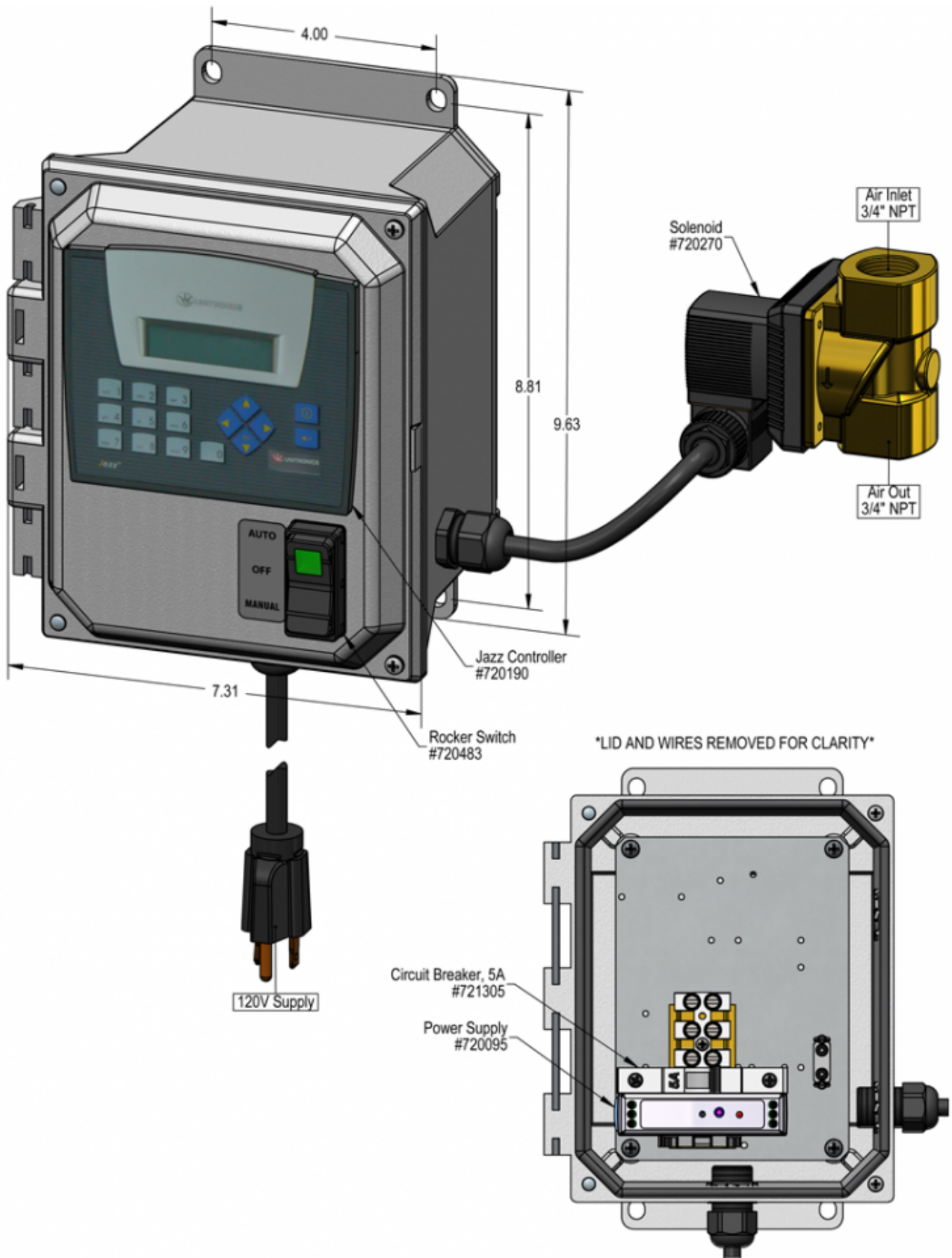
Follow the separate "Program Settings Instructions" for the Jazz Controller.

SWITCH SETTINGS (On front of Control Box)

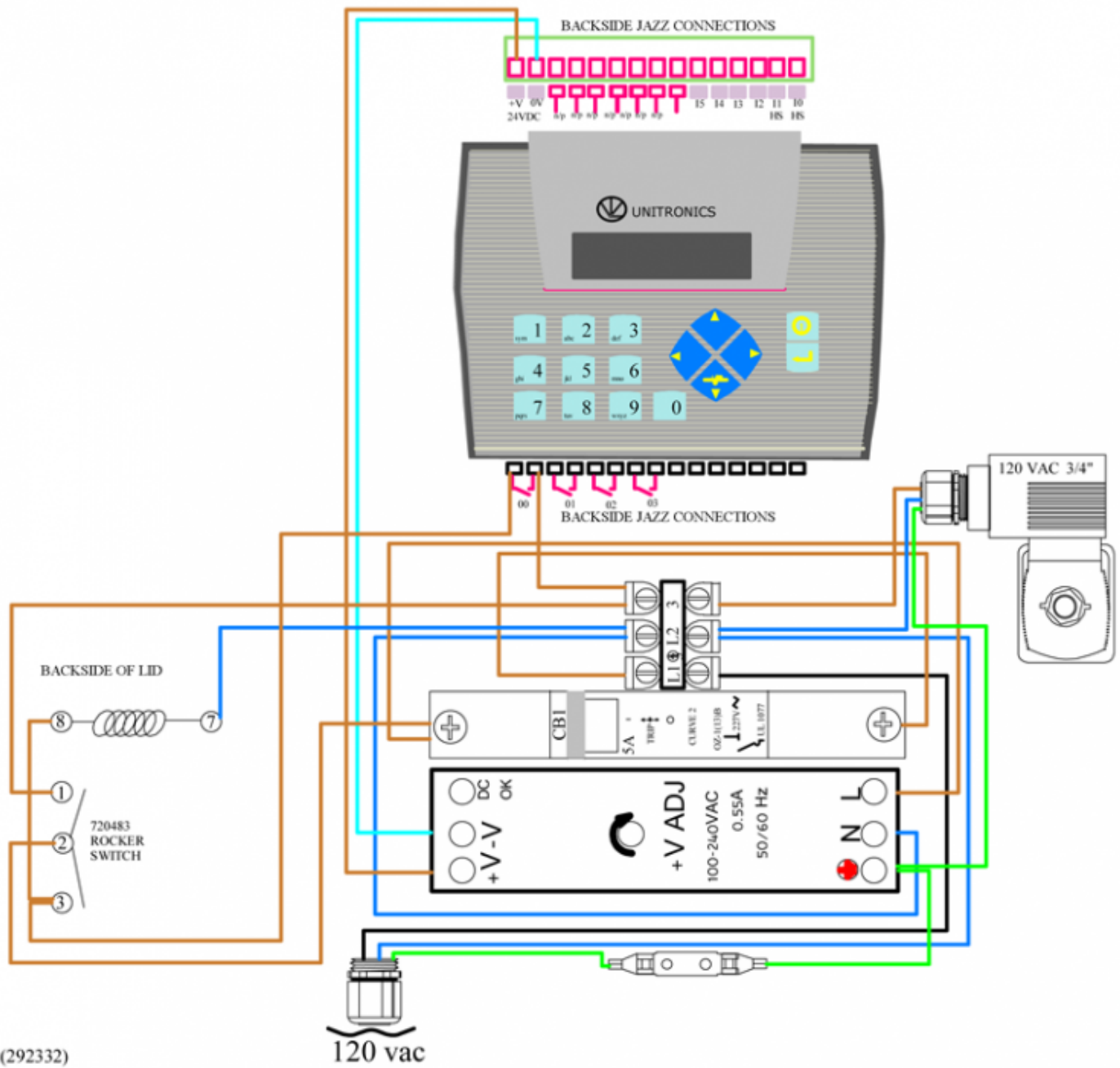
Automatic control (AUTO) – Top of switch is depressed. Green light glows. The unit will function according to the Jazz programmed settings.

OFF – Switch is in middle position; green light is off

Momentary control (MANUAL) – Press bottom of switch. Unit is active only while switch is pressed. When released, the switch returns to the OFF position.



Control Box Wiring Diagram



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