Lafferty Equipment Manufacturing, LLC
Installation & Operation Instructions

Model # 976630 · PLC Jazz Satellite Controller

REQUIREMENTS

Electrical Rating	~ 110/120V, 50/60Hz, 20W

WEIGHT & DIMENSIONS

Single Package

Shipping Weight	9 lbs.
Shipping Dimensions	15" x 15" x 11"

Lafferty EQUIPMENT MANUFACTURING LLC

CFS TECHNOLOGIES

www.laffertyequipment.com
501-851-2820

WARNING! 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

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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 ON NEXT PAGE)

Note: This Controller requires a 120V electrical supply

1. Mount the control box at a convenient central location, close to the Satellite Entryway Foam Sanitizers or Trench Foamer Satellites. Mount the control box to a secure surface. It may be mounted vertically, on a wall, post or other vertical surface, or horizontally on a flat surface. Commercially available mounting hardware (not provided), appropriate to the surface material of construction, should be used to secure the control box to the surface. Mounting holes are located at the four corners of the base of the control box.
2. Do not connect to electricity supply.
3. 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.
4. Connect compressed air supply to the Controller.

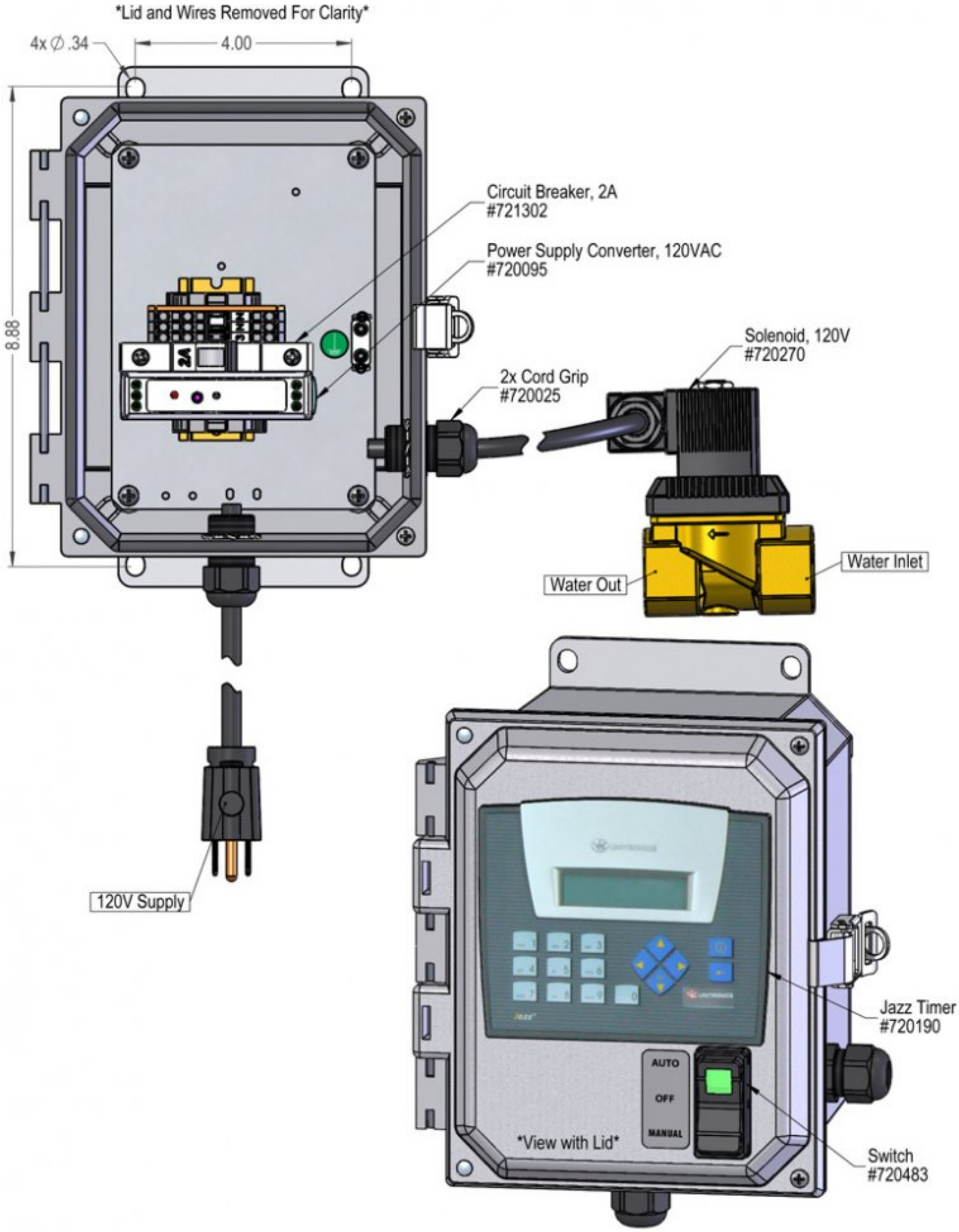
TO OPERATE

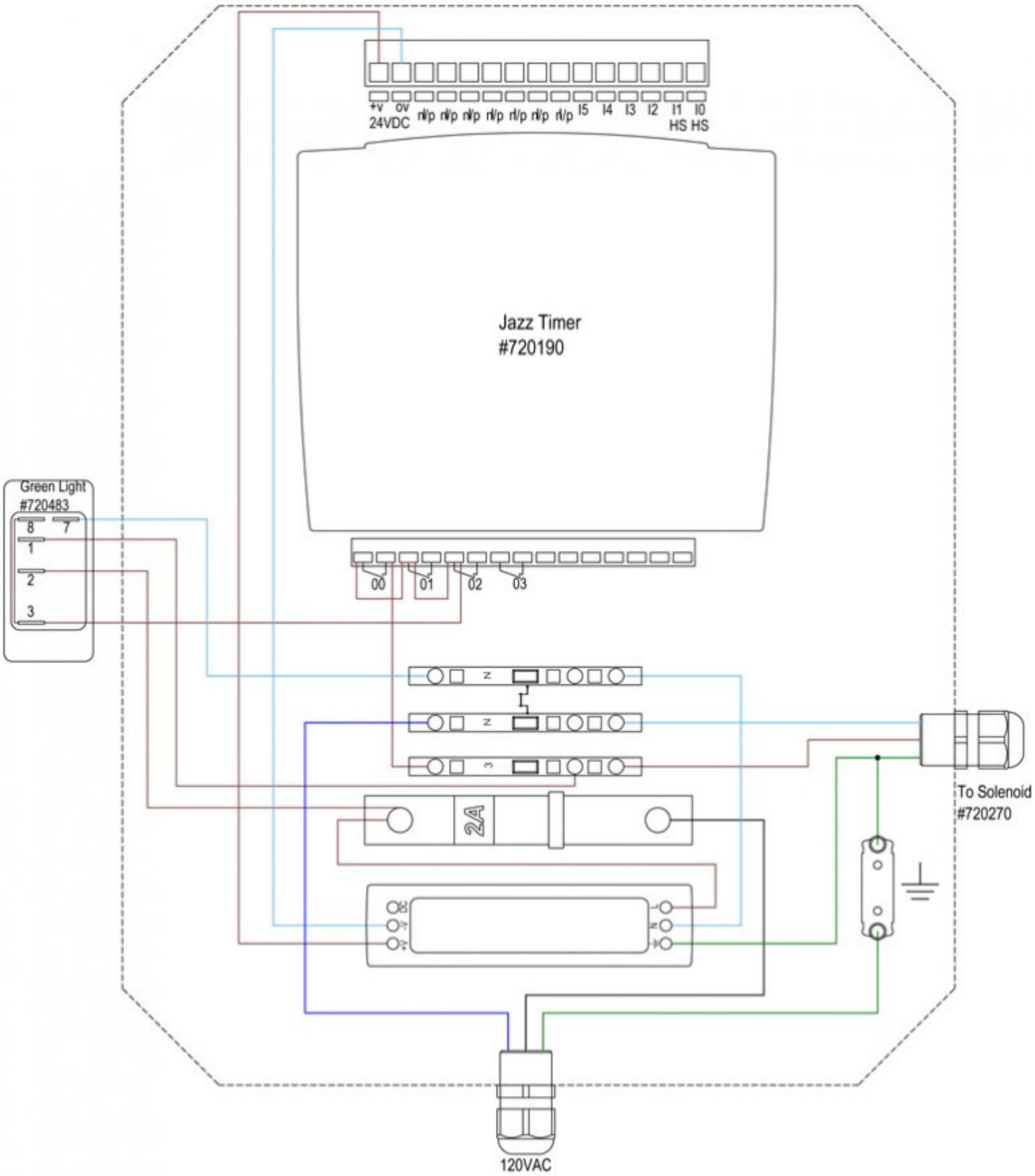
JAZZ CONTROLLER SET-UP.

Follow the separate "Program Settings Instructions" for the Jazz Controller.
This unit requires 120V electrical supply. GFI recommended.

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.


Lid and Wires Removed For Clarity
4x ∅ .34
4.00
8.88
Circuit Breaker, 2A
#721302
Power Supply Converter, 120VAC
#720095
Solenoid, 120V
#720270
2x Cord Grip
#720025
Water Out
Water Inlet
120V Supply
Jazz Timer
#720190
AUTO
OFF
MANUAL
View with Lid
Switch
#720483



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	976630 Added To SolidWorks	3/14/2016	HB
01	Switched Bracker & Terminal Strip	5/07/2018	HB