Lafferty Equipment Manufacturing, LLC
Installation & Operation Instructions

Model # 976710 · 6-Zone PLC Vision 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 6-Zone PLC Vision Entryway Satellite Controller regulates the operation of up to 6 satellite zones simultaneously, with up to 10 satellite entryway foamers in each zone. Rich foam is applied to multiple entryway floors, at pre-programmed timed intervals, to prevent cross-contamination from foot or wheeled traffic. Each zone is programmed independently and compressed air is used to activate each zone of Vision Satellite Entryway Foamers, eliminating the need for electrical connections at each satellite location. Activation will start the flow of water/solution to the foamers; deactivation stops the flow of water/solution through the foamers. Each Satellite location requires a separate direct connection to local compressed air for foamer operation.

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. 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 3/8" compressed air pilot line from each Zone port on the Lafferty Vision Satellite Controller to each Vision Satellite Unit. If more than one Vision Satellite Unit is to be operated on the same Zone, then run a 1/2" header line from the Zone port on the controller and then drop down to each unit with a 3/8" line drop.
   Note: This air line is used to activate air activated solenoids at the Vision Satellite. The Vision Satellite unit must be connected to local compressed air.
4. Connect compressed air supply to the Controller. It is recommended that compressed air is regulated to 80 PSI.

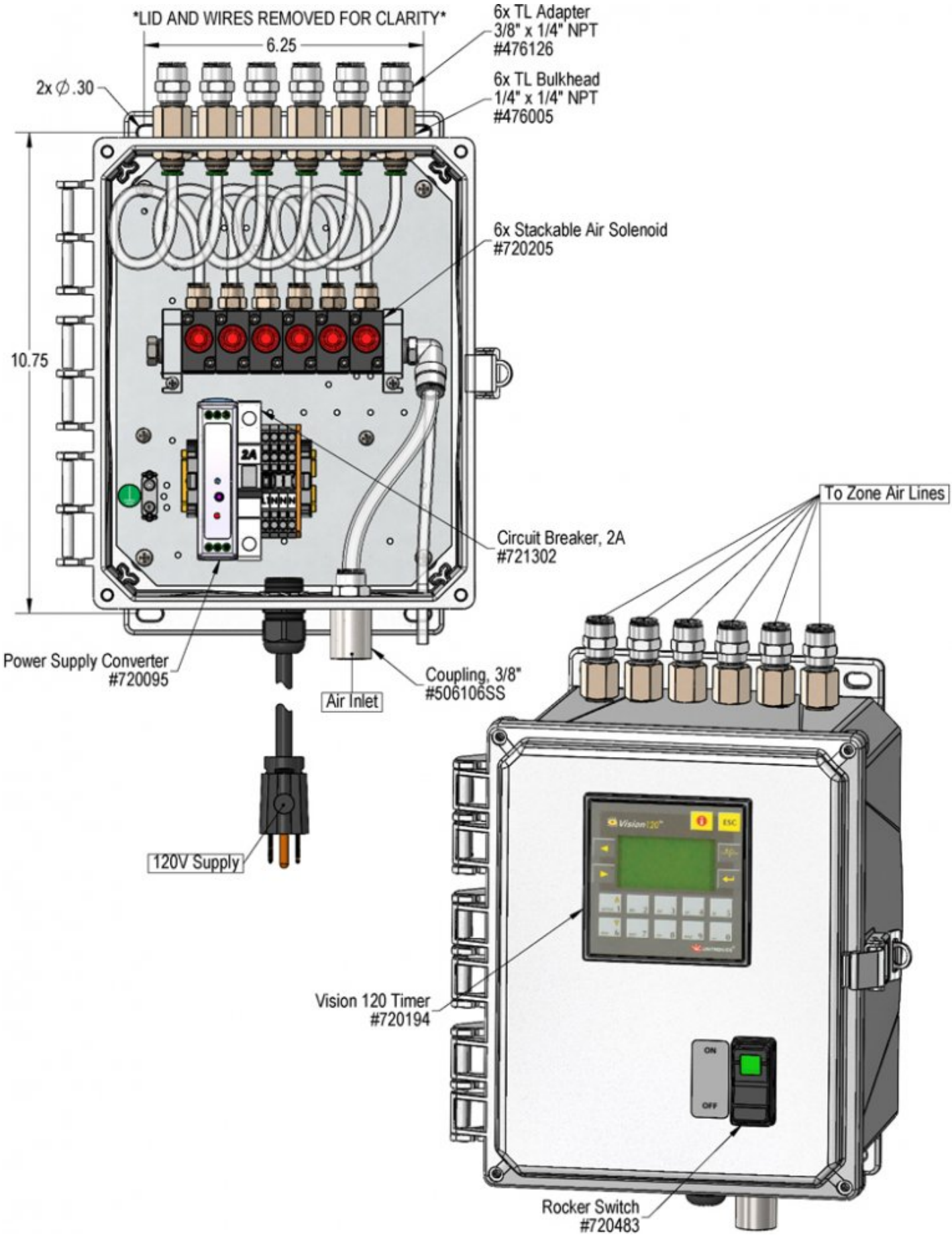
TO OPERATE

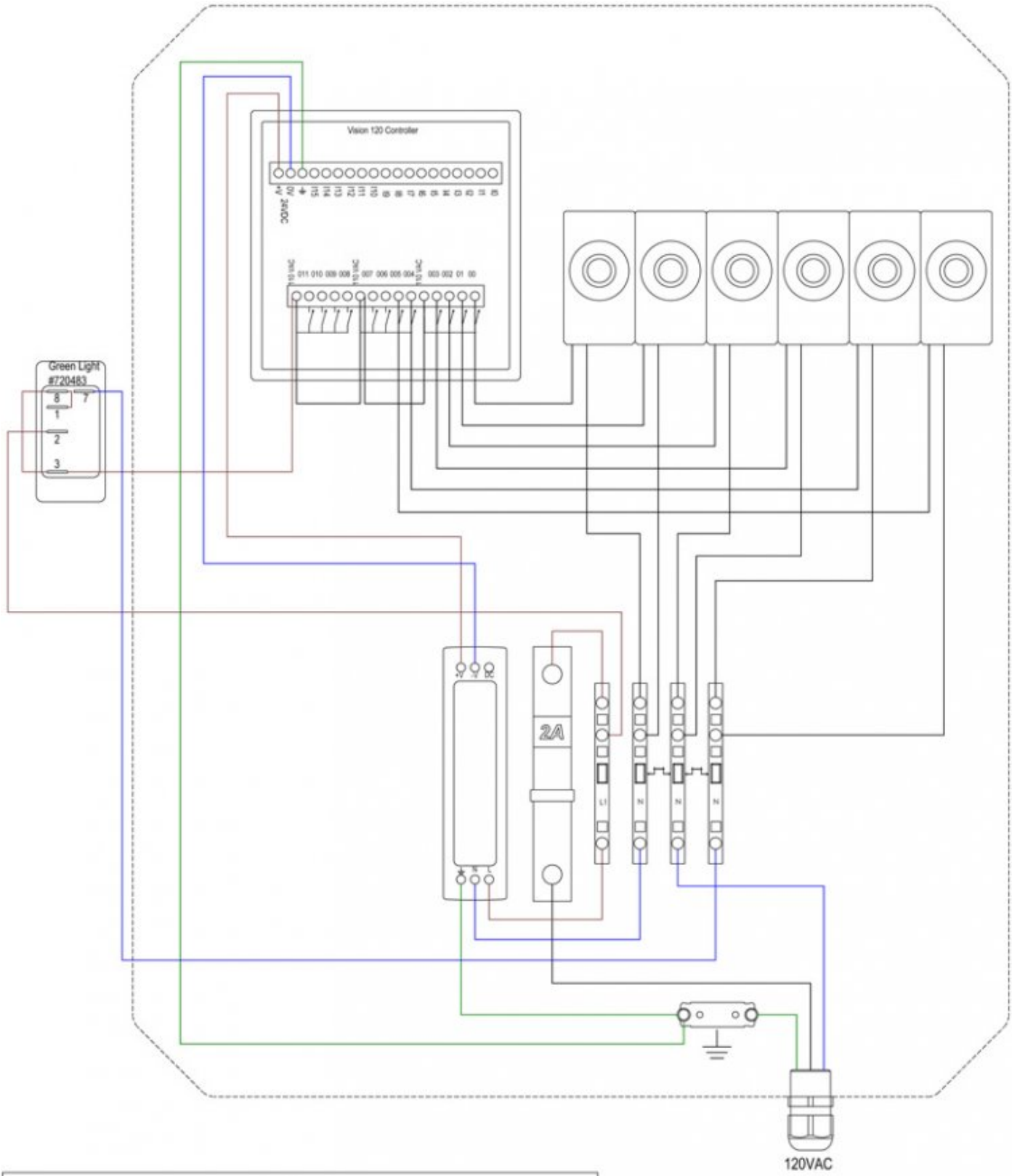
VISION CONTROLLER SET-UP.

Follow the separate "Program Settings Instructions" for the Vision 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 Vision programmed settings.
OFF – Switch is in middle position; green light is off


LID AND WIRES REMOVED FOR CLARITY
6.25
2x ∅.30
6x TL Adapter
3/8" x 1/4" NPT
#476126
6x TL Bulkhead
1/4" x 1/4" NPT
#476005
6x Stackable Air Solenoid
#720205
10.75
2A
Circuit Breaker, 2A
#721302
To Zone Air Lines
Power Supply Converter
#720095
Air Inlet
Coupling, 3/8"
#506106SS
120V Supply
Vision 120 Timer
#720194
ON
OFF
Rocker Switch
#720483



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	976710 Added to SolidWorks	4/27/2016	HB
01	Switched Bracker & Strips	1/18/2018	HB