Lafferty Equipment Manufacturing, LLC
Installation & Operation Instructions

Model # 950843 · 3-Zone PLC Vision PF Fogger Controller

REQUIREMENTS

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

WEIGHT & DIMENSIONS

Single Package

Shipping Weight	11 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 3-Zone PLC Vision Pump Fed Fogger Controller is designed to allow independent control of fogging in multiple rooms and/or different areas of a large room. Any combination of 8-Way, 4-Way or 2-Way Pump Fed foggers can be operated within a zone. The number of foggers that can be supported in each zone will depend on the capacity of the air compressor. The Vision Controller provides highly flexible programmable settings with multiple options for controlling each zone. Settings include those for fogging start time, length of application, time delay between applications, days of the week and days of the month.

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.
- **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**.
- Manufacturer assumes no liability for the use or misuse of this unit.
- Wear proper respiratory protection, protective clothing, gloves and eye-wear when working with chemicals.
- Always direct the discharge away from electrical devices.
- Carefully follow chemical manufacturer's safe handling instructions and recommended precautions/practices especially when using flammable chemicals.
- For proper performance do NOT modify electrical control box.
- Disconnect electrical power to the control box prior to opening it.
- Remove any packing material from inside the control box before operating.
- **SPECIAL CAUTION: This fogger atomizes chemical into the air. Ensure that the chemical is safe to be around or the area to be fogged has been evacuated of all people and/or animals before starting fogging. Upon completion of fogging, ensure that sufficient time has elapsed for all the fog to have dissipated before returning to the area without proper respiratory protection.**

TO INSTALL (REFER TO DIAGRAM ON NEXT PAGE)

1. 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 yet.
3. Connect your compressed air to the Control Box inlet and connect the discharges to piping leading to the fogger zone control kits installed in each zone.

TO OPERATE

VISION CONTROLLER SET-UP

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

SWITCH SETTINGS (On front of Control Box)

Keyed Switch
When the keyed switch is set to off, there is no power to any of the switches, solenoids or the Vision Controller. Removing the key secures the system in the OFF mode. When the keyed switch is set to ON, power is provided to enable the Kill Switch.

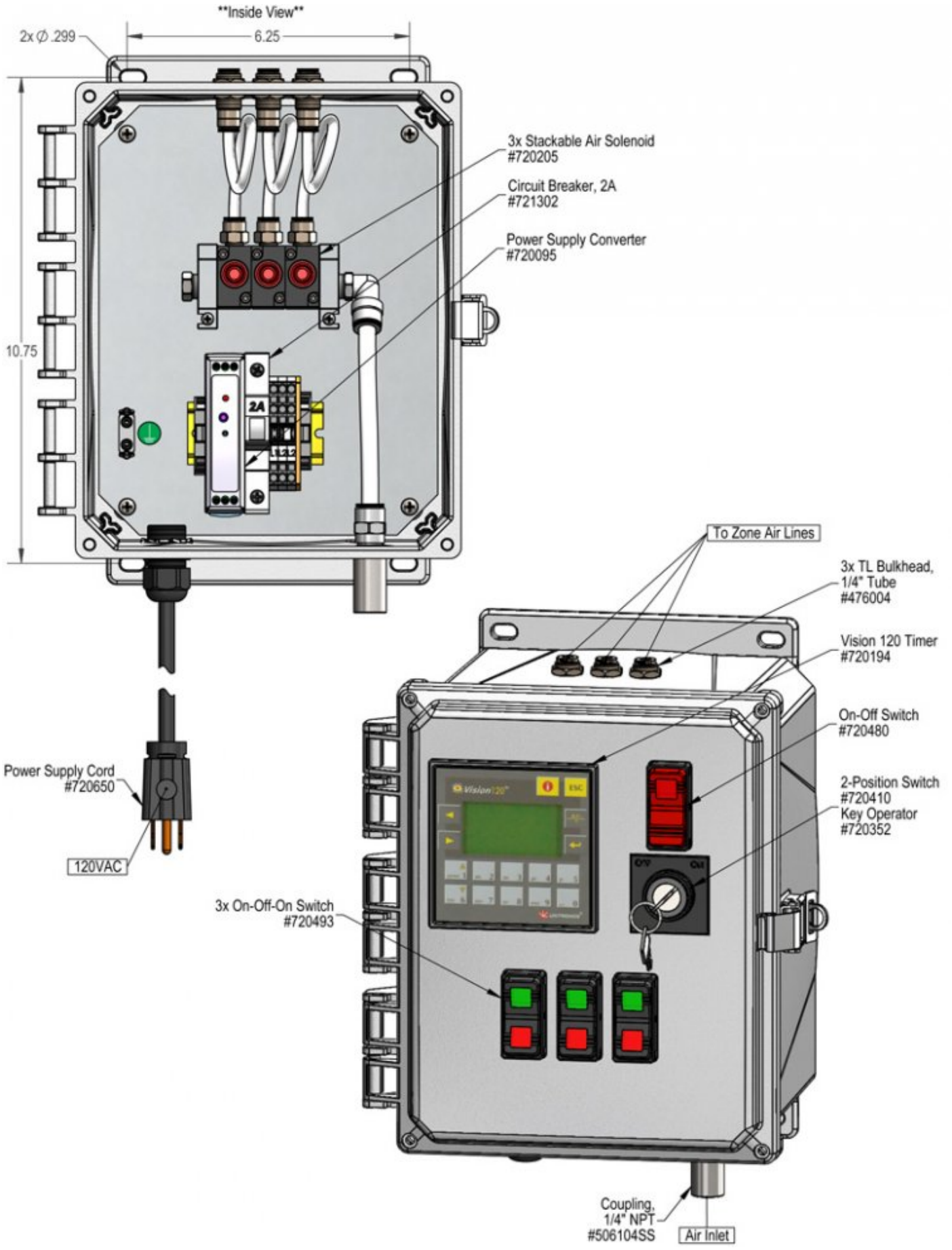
Kill Switch
With the keyed switch in the on position, depressing the top of the kill switch will activate the kill switch. Red light will glow. Power is now available to the Zone Switches, solenoids and the Vision Controller. Deactivating the kill switch cuts the power to everything and and any fogging in progress, on any zone, wlil cease.

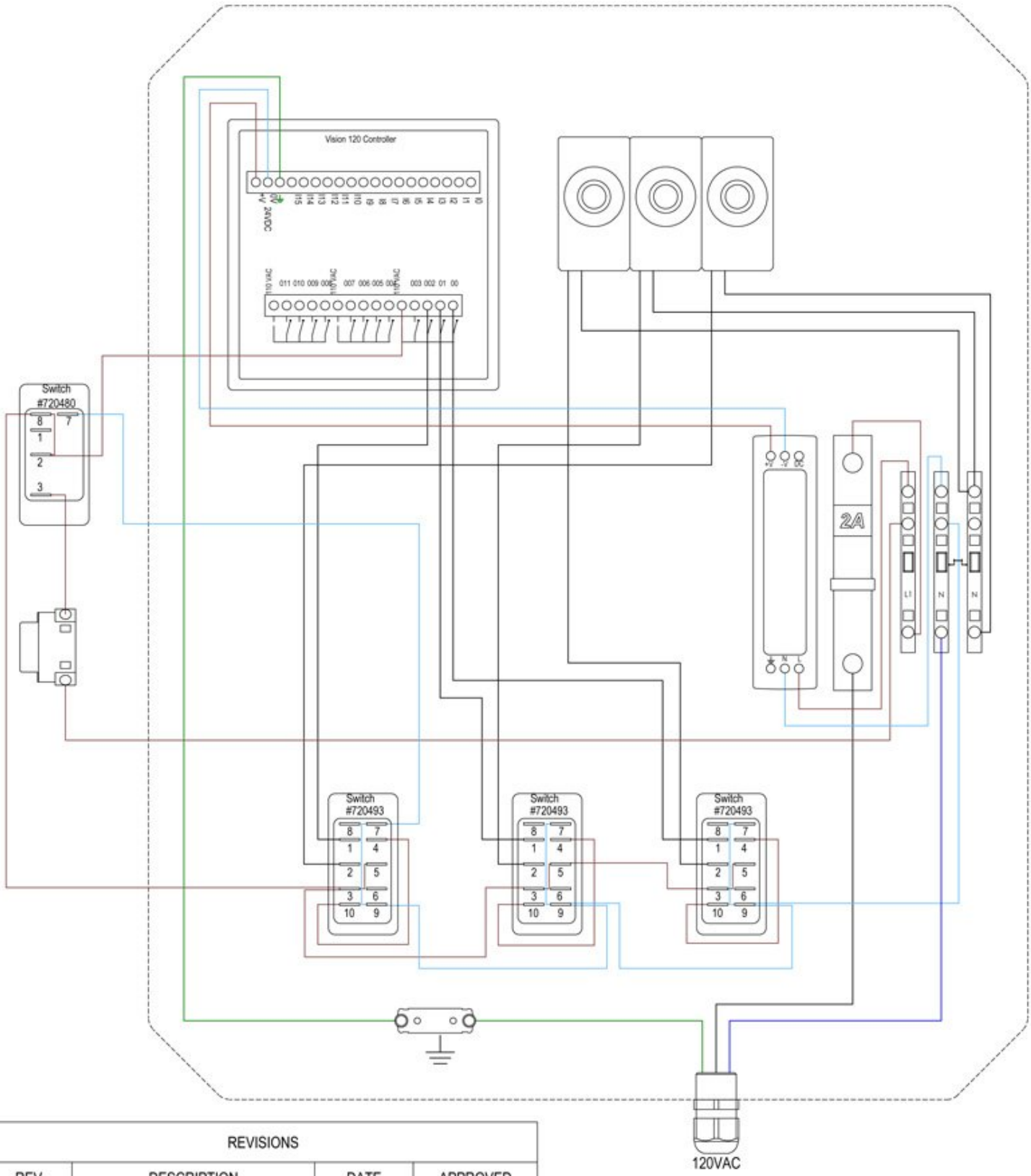
Zone Switches

ON - Top of switch is depressed. Green light glows. Zone is on and fogging in manual mode until the switch is turned to the OFF position

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

Automatic control (AUTO) – Bottom of switch is depressed. Red light glows. The unit will initiate fogging according to the Vision programmed settings.


Inside View
2x Ø .299
6.25
10.75
3x Stackable Air Solenoid
#720205
Circuit Breaker, 2A
#721302
Power Supply Converter
#720095
2A
To Zone Air Lines
3x TL Bulkhead,
1/4" Tube
#476004
Vision 120 Timer
#720194
On-Off Switch
#720480
2-Position Switch
#720410
Key Operator
#720352
Power Supply Cord
#720650
120VAC
3x On-Off-On Switch
#720493
Coupling,
1/4" NPT
#506104SS
Air Inlet



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	Added to SolidWorks	5/2/2016	HB
01	Switched Breaker	5/07/2018	HB