

### Introduction

Use this addendum in conjunction with the supporting documentation included with Variable Speed Front of Hood (VFOH) operator. Apply this installation instruction addendum at the Entrapment Protection section of the VFOH Installation Manual. For all other instructions, refer to the supporting documentation included with your operator.

Install the 470 OHM, 3W Resistor for the Variable Speed Front of Hood (VFOH) operator. Models include:

- VFOH5011 1/2 HP (120 Single Phase)
- VFOH5021 1/2 HP (240V/230V Single Phase/Three Phase)
- VFOH5045 1/2 HP (460V/575V Three Phase (via separate Stepdown Transformer))

### Carton Inventory

- (1) 470 OHM, 3W Resistor

### Recommended Tools

- Flat screw drivers
- Wire cutter/stripper

### Installation

**IMPORTANT:** Install the resistor during the installation of the photoelectric sensor wires.

1. Disconnect power to the operator.
2. Loosen terminal screws #27 (LMEP) and #29 (12V).
3. Form and trim the resistor leads as needed.
4. Insert one end of the resistor into pin #27, along with the photoelectric sensor terminal wires, and tighten the screw.
5. Insert the other end of the resistor into pin #29, along with the solid Orange encoder wire, and tighten the terminal #29 screw.
6. Ensure the encoder wire and resistor lead are secure.
7. Power up the operator. Ensure the photoelectric sensor green LEDs glow solid green.
8. Test by activating the operator.

### ⚠️ ⚡ WARNING

To prevent possible SERIOUS INJURY or DEATH from a closing door:

- Be sure power is NOT connected to the door operator BEFORE installing the LiftMaster Monitored Entrapment Protection Device(s).
- The door MUST be in the fully opened or closed position BEFORE installing the LiftMaster Monitored Entrapment Protection Device(s).

To prevent SERIOUS INJURY, DEATH, ENTRAPMENT, or PROPERTY DAMAGE:

- Correctly connect and align the photoelectric sensor.
- Install the primary monitored photoelectric sensor beam NO HIGHER than 6" (15 cm) above the floor.
- This is a required LMEP Device for B2, TS, and T wiring types and MUST NOT be disabled. For C2 wiring the installation of an entrapment protection device is recommended.
- LiftMaster Monitored Entrapment Protection Devices are for use with LiftMaster commercial door operators ONLY. Use with ANY other product voids the warranty.
- If an edge sensor is being used on a vertical moving door, place edge sensors on the bottom edge of the door.



**WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

