

## 8. Electrical Installation

THE VECTOR CLASSIC MUST BE INSTALLED BY QUALIFIED PERSONNEL ONLY. This equipment utilizes a standard 110-120 V 50/60 Hz electrical supply cord with grounding plug. The supply must be properly grounded. For safe operation, it is recommended that the electrical outlet be fused at 3 A. If in doubt, consult a qualified electrician to verify the presence of ground. Reference the section titled "Grounding Instructions."

## 9. Bulb Replacement

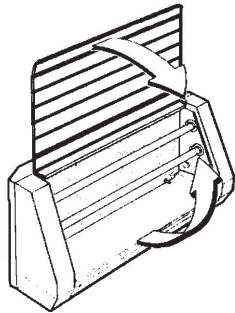
Even though the amount of visible light emitted from the bulbs does not appear to change, the output of UV-A light diminishes over time. The Vector Classic utilizes the Philips MASTER bulb for extended life. They should be changed every 2 years. ON NO ACCOUNT USE UV-B or UV-C BULBS. The correct Vector replacement bulbs are available from your local distributor. To replace each bulb, follow the procedure below:

1. Disconnect the power source by unplugging the unit from the outlet. Always unplug the unit before handling.
2. Fully open the front grill by lifting up and away.
3. Twist the bulb in the bulb holder and pull out and away.
4. To install the new bulb, align bulb ends into the bulb holders and twist into place.
5. Return the grill to its fully closed position.

## 10. Glueboard Replacement

The Vector Classic utilizes the Vector Universal Glueboard, positioned below the bulbs. These Glueboards are available from your local distributor. To replace the glueboard, follow the procedure below:

1. Disconnect the power source by unplugging the unit from the outlet. Always unplug the unit before handling.
2. Fully open the front grill by lifting up and away.
3. Remove the old glueboard by grasping at the glue free portion along the bottom edge.



4. Remove the release paper from a new Vector glueboard and slide it into position. Take care not to touch the adhesive to any part of the unit.
5. Return the grill to its fully closed position.

## 11. Maintenance and Troubleshooting

The only maintenance required is to keep the Vector unit clean:

1. Disconnect the power source by unplugging the unit from the outlet. Always unplug the unit before handling.
2. Wipe the unit with glass cleaner and a cloth.
3. Change glueboards on a regular basis.
4. Change the Philips MASTER bulbs every 2 years.

The electronic ballast in the Vector Classic is equipped with a safety circuit that shuts down the unit when an electrical surge occurs. Units in shutdown phase may appear to be defective or give the false impression that the bulbs have burned out. If the bulbs are not lit, perform the following steps:

1. Unplug the unit from the electrical outlet.
2. Wait 15 seconds. A faint glimmer may appear in the bulbs indicating the unit has reset.
3. Plug unit into electrical outlet.
4. If the bulbs are still not lit, follow the procedure for replacing the bulbs.
5. The LED light located above the "V" on the Vector system logo will flash once every eight seconds to indicate the pulsing charge on the electric grid.

## 12. Warranty

BASF Corporation offers a three (3) year limited warranty on the Vector Classic insect light trap. This warranty assures the buyer that the unit will conform to the standard specifications at the time of manufacture and be free from material defects in workmanship and materials under normal conditions for three (3) years from the date the unit is first placed into service. The warranty is subject to the terms outlined in the "Limited Warranty" card found in the Vector box. Failure of the buyer to return the product registration card within 14 days after installation of the unit voids the warranty. Please note that this warranty does not include bulbs or glueboards.

The **VECTOR**<sup>®</sup> Fly System

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**VECTOR**<sup>®</sup>  
Classic<sup>®</sup>

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**INSTRUCTION MANUAL**

 **BASF**  
The Chemical Company

## 1. Introduction

The Vector® Fly System contains a wide range of insect light traps that are designed to meet the needs of various flying insect infestations and locations. Each light trap in the system utilizes ultraviolet light to lure the insect to the trap where it becomes trapped onto a glue surface. There are no exploding insect parts, no popping or sizzling – the insects are trapped fully intact. Because insects are captured fully intact, Vector insect light traps may be used for monitoring insect populations and can be placed in food handling areas.

## 2. Product Description

The Vector® Classic® is the latest advancement in insect light trap design and engineering. It utilizes patented technology called J-tronics for quick effective catch. The ultraviolet light lures the insect to the trap. A low voltage pulses across the J-tronics reflective grid along the back of the cabinet for a period of one second on eight second intervals. The electric field generated near the grid inhibits the insect's ability to fly, causing it to drop down onto the adhesive surface **below** where it is captured fully intact. It is ideal for use in restaurants, bars, commercial kitchens, food prep areas, grocery stores, bakeries, warehouse storage areas, hospitals and schools.

**CAUTION:** This product is intended for commercial indoor use only. The device is not constructed for use outdoors or in wet locations, and therefore, it is not suitable for use in barns, stables or similar locations. To avoid risk of fire or electrical shock, do not use where it may be exposed to water or direct sunlight, including roofed or open porches.

**WARNING:** Shock hazard. Do not open. There are no user serviceable parts inside. The user may replace glueboards and bulbs. Qualified service personnel must perform all other repairs and maintenance. Store the unit indoors when not in use – out of reach of children. The product is not intended for use by young children or infirm persons. Young people should be supervised to ensure they do not play with the product. To maximize safety, disconnect the unit from the power supply when not in use, when changing bulbs, cleaning, etc. Do not abuse the cord, carry the product by the cord or unplug the unit from the electrical outlet by pulling on the cord. Keep cord

away from heat, oil and sharp edges; Do not use the product if the cord is damaged. To provide continuous protection against the risk of electrical shock, connect the plug only to a grounded outlet. Do not insert foreign objects into the unit. The unit must not be installed where dangerous concentrations of flammable or explosive substances are likely to occur in the air. Do not use the unit near concentrated oxygen or store the glueboards near concentrated oxygen.

## 4. Grounding Instructions

The Vector Classic is equipped with an appropriate 3-conductor cord and 3-prong grounding plug to fit grounding type electrical outlets. To reduce the risk of an electric shock, the plug must be plugged into an appropriate electrical outlet that is properly installed and grounded. Consult a suitable qualified person if the grounding instructions are not completely understood, or if in doubt as to whether proper grounding exists. Extension cords are not to be used with this unit.

## 5. Unpacking

Each Vector product is carefully packed before leaving the factory to ensure it reaches you in perfect working order. Remove all packaging from the product before installation.

## 6. Guidelines for Placement

Proper placement is key to achieving maximum efficiency with the Vector Classic. Below are general guidelines:

- Install the Vector Classic where insect contact is most probable.
- Locate the Vector close to an opening, but avoid placement where outside light may interfere with insect attraction. Do not install the unit directly next to competing light sources.
- Place the Vector so that the light from it is not visible from the outside of the building.
- Mount the Vector 4 to 6 feet off the floor whenever possible.
- Always keep in mind that the Vector will be most effective when placed where flies congregate.

For example:

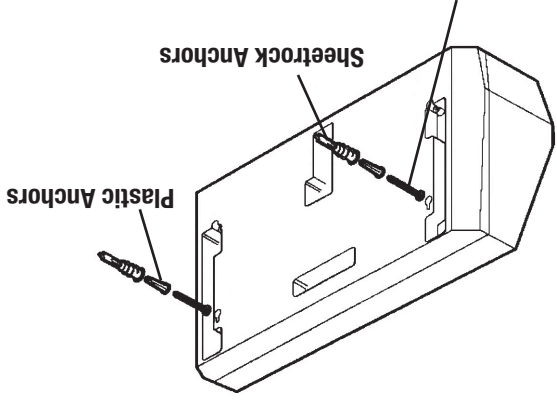
- o Near food prep areas where food is readily available (avoid installing directly over food prep surfaces).
- o Around indoor trash collection areas.
- o Identify natural wind and air currents to ensure flies can reach the Vector.

## 7. Placement Options

The Vector Classic can be mounted in a number of positions (see diagrams below). Decide on an appropriate mounting option suitable for your location.

### Vector Classic Tools Needed:

Electric Drill | Phillips Screwdriver | Carpenter's Level



Use Self Tapping Screws for Plastic Anchors, Machine Screws in Sheetrock Anchors



WALLMOUNT



CORNERMOUNT

