

# Vector™

## Product Dimensions

Product	Length	Width	Height	Weight	Warranty
Vector Plasma	21"	2.5"	12.5"	6 lbs	1 yrs
Vector Plasma One	21"	2.5"	6.3"	4 lbs	1 yrs
Universal Glueboard without pheromone	16.5"	4"	--	0.89 oz	NA
36-watt sleeved (shatterproof) bulb	16"	1.5"	0.9"	4.0 oz	NA

## Electrical Specifications

Product	Bulbs	Input Voltage	Amps	Watts	Frequency	Safety Ratings	UL File #
Vector Plasma	2 x 36w	110-120v	0.65	72	60Hz	UL 153, UL 1559, CSA C22.2 (CUL)	E181000
Vector Plasma One	1 x 36w	110-120v	0.32	36	60Hz	UL 153, UL 1559, CSA C22.2 (CUL)	E181000

## Installation Options

Product	Wall— Horizontally	Wall— Vertically	Wall— Corner	Counter Top	Installation Template	Installation Hardware
Vector Plasma	Yes	Yes	Yes	Yes	Provided	Provided
Vector Plasma One	Yes	Yes	Yes	Yes	Provided	Provided

## Replacement Components

Product	Plasma	Plasma One
Universal Glueboard C	X	X
36-watt Shatterproof Bulb	X	X

## Placement Recommendation

Product	Front-of-House	Middle-of-House	Back-of-House	Restaurants	Commercial Kitchens	Food Processing Plants	Warehouses	Grocery Stores	Pet Food / Feed Stores	Retail Establishments	Hospitals	School / Universities	Offices
Vector Plasma Screened	X	X	X	X	X	X	X	X	X	X	X	X	X
Vector Plasma One Screened	X	X	X	X	X	X	X	X	X	X	X	X	X



These products has received HACCP International certification and is safe for food processing areas. Always read the product label before use. This brochure is intended as advice.

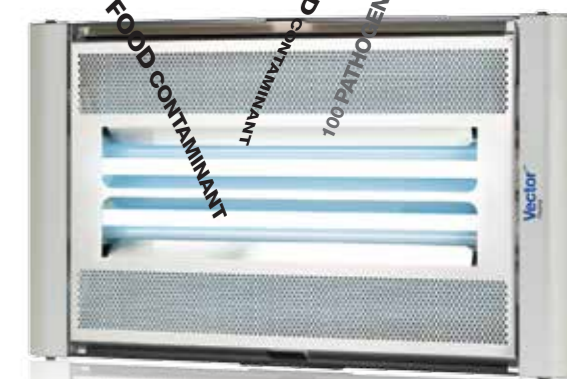
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**CONTROL.**

- High catch rate
- Patented reflector technology
- Dual glueboards provide maximum catch area
- Ideal for use in food processing, commercial kitchens, restaurants, warehouses and schools

**Pest Control Solutions**

**BASF**  
 The Chemical Company



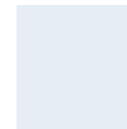
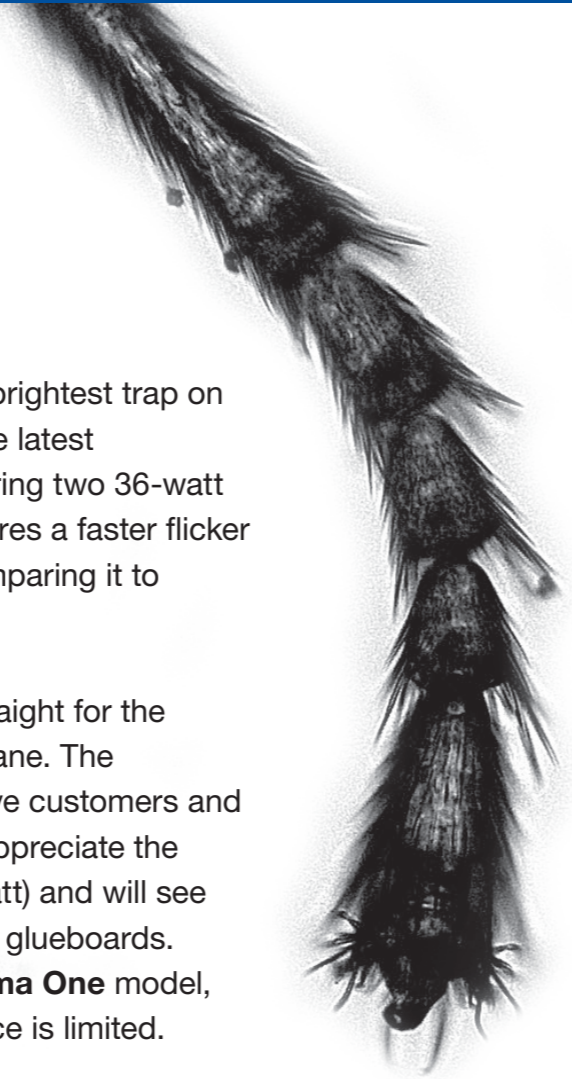
## Time's up for flies

**Vector™ Plasma** has been developed as one of the brightest trap on the market with fastest catch rate. Engineered with the latest technology incorporating electronic ballast, and featuring two 36-watt bulbs. This technology increases the level of UV, ensures a faster flicker free insect catch and reduces energy costs when comparing it to similar traps in the market place.

Flies quickly detect the high levels of UV and head straight for the glueboards behind the attractively designed screen pane. The **Vector Plasma** is an ideal trap for use in both sensitive customers and those with heavy fly pressure. These customers will appreciate the quick catch stemming from the high UV output (72-watt) and will see quick relief and reap the benefits of two high capacity glueboards. BASF also offers a more compact unit – **Vector Plasma One** model, featuring one 36-watt bulb, for places where wall space is limited.

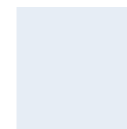
## Advantages of Vector Plasma

<b>Maximum Attraction</b>	Two 36-watt bulbs produce 72-watt of flying insect attraction
<b>High Catch Rate</b>	Carefully angled glueboards disrupt flies' flight pattern resulting in a higher catch rate
<b>Easy to Service</b>	The lift and service grill and universal glueboards make this trap easy and economical to service
<b>Easy Maintenance</b>	The electronic ballast eliminates the need for bulb starter and, therefore, never requires starter replacement
<b>Constant UV Output</b>	The high frequency electronic ballast provides flicker free, silent UV output
<b>Light Weight</b>	Easy to carry and install
<b>Thin Design</b>	Unobtrusive profile is suitable for most back-of-house fly control needs
<b>Sanitary Solution</b>	Keeps flying insect intact and confined to the glueboard surface for easy disposal



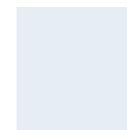
### Powerful UVA available in the market

**Vector Plasma and Vector Plasma One** use 72-watt and 36-watt shatterproof Philips Long-life UV-A lamps that provide maximum catch rate and are also more energy efficient.



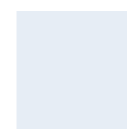
### Natural UVA Technology

Electronic ballast of **Vector Plasma** is designed to operate at a high frequency to mimic natural light, thus optimizing the attraction of flies.



### Natural Contrast Grid

**Vector Plasma** has a screen that is engineered to breaks up the UV light to mimic the natural way light shines through trees. Coupled with glueboards mounted at angles, flies will be naturally attracted to the areas of light and shade like how they have evolved to do so.



### Temperature optimized glueboards

All **Vectors Plasma** are supplied with temperature optimized glueboards that are in full compliance with HACCP Food Industry Guidelines. The glueboards are also suitable tropical climate and a layer of silicon paper coating ensures the boards can be replaced quickly and easily.

### Q: What is the difference between a High Voltage Zapper and Glue Board Catcher?



Vector™ Plasma One

**A:** The difference between the two types of unit is that the High Voltage Zapper uses a High Voltage Grid to kill flying insects instantly. The insects that touch the grids will then drop down dead into a 'Catch Tray' which will then need to be emptied on a regular basis to prevent air borne bacterial contamination. High Voltage traps are not able to kill small flying insects as they fly through the grids and should not be used in food preparation areas as "zapping" of insects will cause them to fragment and result in food contamination. The different types of glueboard units are used to retain small and large insects intact for insect identification and comply with HACCP requirements.



Vector™ Plasma

### Q: Can a trap be placed in food preparations areas?

**A:** In food preparation areas, we recommend glueboard type of insect trap, fitted with shatterproof tubes. Traps should not be positioned directly above food preparation areas. High Voltage Zapper units should not be placed in food preparation areas. The main reason for this is that as a result of research and legislation in some countries it has been found that insect debris can travel outside the area of the High Voltage Zapper and could lead to food contamination.

### Q: Can UV lamps affect humans?

**A:** A report dated April 2, 1993 from the senior scientist of Sylvania Lighting Co., Salem, Mass., reports that tests have shown that emissions from black lights in ILT's (Insect Light Traps) are well below threshold limit values (TLVs) of the American Conference of Governmental Hygienists. The TLVs are used nationally and internationally. The black light lamp appears to have no characteristics that indicated likely hazards to human health either short or long term.