



BG - Protector

Sustainable Mosquito Control with a Robust Trap



The BG-Protector – a Robust Mosquito Trap for Permanent Outdoor Use

Biogents' robust BG-Protector mosquito trap was specifically developed for permanent outdoor mosquito control and requires little maintenance. It is an ideal tool for pest control companies to use in the fight against mosquitoes.

CO₂ in combination with a patented human skin odor formulation maximizes the catch rates of the trap for tiger mosquitoes and all other mosquito species.

The trap fits well to many properties or backyards, can be comfortably maintained, and the catches can be easily monitored. There is also an option to custom brand the trap with your logo.

- Robust framework
- Integrated rainshield and CO₂ nozzle
- Custom brand the trap with your logo

- Easy to maintain and to monitor catches
- Fits well in a backyard
- Very effective against
 - » tiger mosquitoes
 - » all other mosquito species



Designed for Professional Use

Sturdy housing

- The sturdy material is robust against weather
- Integrated rainshield provides protection against rain
- A handle allows easy transport
- Can be fixed on the ground
- Can be easily cleaned

Functional funnel design

- Funnel with shutter which closes when power fails
- Catch bag is attached on the funnel for easy monitoring

Attractants – integrated in the design

- Easy access to attractants
- CO₂ nozzle is integrated into the trap design

Low power consumption – low costs

- Low costs through low consumption: the fan runs on 6 V

Your Branding

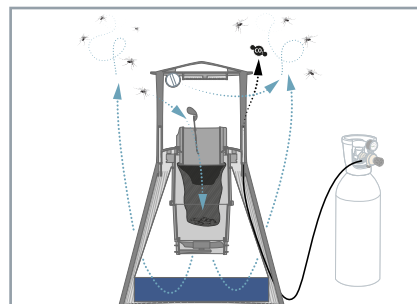
- The design of the housing includes an area for custom branding



How Does it Work

The parameters that make a human being so attractive for mosquitoes are heat convection, CO₂, human skin scent, and additionally dark colors. Biogents mosquito traps imitate these parameters and catch the mosquitoes before they can reach the patio:

- Air currents generated by the ventilator draw in the mosquitoes
- Artificial human skin scent and CO₂ is dispensed upwards through the air currents





Biogen's Attractants

The trap is used with Biogen's attractant, the patented human scent mimic, to increase catch rates for *Aedes albopictus* and *Aedes aegypti*:

- BG-Lure – 5-months lure
- BG-Sweetscent – 2-months lure
- BG-Mozzibait - 3-months lure

To achieve highest performance, Biogen recommends to use the attractants in conjunction with CO₂: the synergistic effect can multiply the catch rates.



CO₂ Upgrade

For a permanent use, Biogen recommends CO₂ gas bottles of 6-10 kg.

For this purpose, Biogen offers a CO₂ upgrade set including a pressure regulator for CO₂ gas bottles (BG-Booster CO₂) that regulates CO₂ pressure to an optimum.



Save money with the BG-CO₂ Timer

The BG-CO₂ Timer allows you to control when CO₂ is released and to coincide the release with times of mosquito activity. This way, you can reduce the CO₂ consumption up to 75% and extend the longevity of your CO₂ bottle and decrease your costs.



Patented Technology and Performance

The BG-Protector is the robust version of Biogen's BG-Pro trap and therefore based on the same patented technology. The BG-Pro shows excellent results indicating at least as good catch rates as the worldwide renowned BG-Sentinel trap.

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Biogen's