

PERFETTO
INSECT CONTROL SYSTEM



MOSQUITO'S DAYS ARE NUMBERED

ENG

THE "PERFETTO" AUTOMATIC NEBULISATION SYSTEM



PRESENTATION

PERFETTO is a fixed automatic dispensing system that allows the distribution of active ingredients such as:

- biocides
- disinfectants
- repellent aromas obtained from essential oils

Thanks to a scale capable of detecting a tenth of a gram, PERFETTO manages the dosage of concentrated products with absolute precision, allowing personalised mixing to be programmed for each of them.

Its effectiveness is guaranteed by a dedicated and customisable software that facilitates the programming of dosage, quantity, duration of dispensing, washing, etc. according to customer requirements.

First on the market with dual lines and double independent tanks, PERFETTO has been present since 2006, the year in which the first prototype was launched and tested at an important Italian amusement park.



**WATCH THE
PRESENTATION VIDEO**





OPERATION

PERFETTO distributes an aqueous emulsion, with biocidal products or repellents useful to solve the problem of mosquitoes, through flexible pipes fitted with dedicated nozzles.

The emulsion is created, a few minutes before each single delivery, according to an algorithm that manages all the parameters set during programming:

- the length of the individual lines
- the number of nozzles
- the percentage of dilution of the concentrated product
- the duration of dispensing
- wash duration
- drying waiting time
- emulsion preparation duration

30 is the maximum number of different dispensings permitted within 24 hours (210 per week).

PERFETTO draws from one or the other tank, complying with the characteristics of the place and the habits of its users. Each machine can manage two different lines of pipes in a completely independent and autonomous manner up to a maximum of 200 linear meters each.

The pipe is created with a special unique triple layer material that is resistant to sunlight and to aggressive products. All the accessories necessary for installation of the system are made of steel with quick-type couplings to facilitate and simplify installation.



ADVANTAGES

PERFETTO needs nothing more than a normal 220 volt power socket and a water tap.

The piping and the relative nozzles for the nebulisation can be placed practically anywhere, on hedges and perimeter fences, on gutters, in bushes and on trees. It does not require particular structural preparations except occasionally in the case of pedestrian transit areas such as pavements and courtyards.

The PERFETTO system offers excellent results even with very low concentrations of active ingredient and very short dispensing times, keeping consumptions far below those recommended on the concentrated product label.

The innovative and unique product dosing system allows the use of precise and error-free quantities.

The versatility of programming and its algorithmic precision make it possible to establish the time of preparation of the emulsion and its subsequent nebulisation, eliminating the risk of being surprised by sudden or unforeseen dispensings.



AREAS OF USE

PERFETTO is ideal for both civil and industrial applications.

For example, it is ideal for the garden of a villa, the terrace of a restaurant, for hotels and accommodation facilities, parks, swimming pools, medical and geriatric centres, hospitals, nursing homes, equestrian centres, playing fields and golf courses. It is also ideal for condominiums, terraced houses, tourist camp-sites, meeting places, public and private companies, schools and kindergartens, campuses and other situations considered critical in terms of the presence of annoying insects.

PERFETTO is also applicable in the zootechnical field, such as on cattle farms to limit the presence of flies, or in production factories to protect loading and unloading flaps or to limit insect entry from windows or air intakes.

PERFETTO is ideal to prevent infestations in food companies, slaughterhouses, sausage factories or in industrial wineries where insects can degrade or contaminate production sectors but it is also useful for textile companies, manufacturers of cartons for food or pharmaceutical use and for producers of plastic film, for landfills and for waste selection centres.

PERFETTO can also be used for disinfection of the premises and of the areas surrounding the waste storage areas.



ENVIRONMENTAL IMPACT

The usability of an area after an intervention depends on certain factors including:

- the formulated active ingredient
- the percentage of emulsified active ingredient
- the duration of the dispensing
- the sensitivity of the area

From this point of view we can deduce that a PERFETTO dispensing:

- uses a few grams of pure active ingredient to generate an effective treatment
- tends to evaporate in a few moments once the hot surfaces, such as floors or the ground, are reached due to its fine micronisation
- and that the duration of the supply is short and the diffusion of the emulsion is minimal

Based on the considerations described above, it can be deduced that the environmental impact of the activities performed by PERFETTO, also due to its versatility and the possibility of choosing fairly aggressive products, is practically close to zero.



INSTALLATION

PERFETTO can be considered a daily disinfestation service managed independently based on professional criteria and parameters.

It allows targeted and scheduled disinfestations to be carried out according to the actual needs of customers, without wasting product and resources, guaranteeing a lasting result 24 hours a day for each working day.

The cost of the individual treatment and the active ingredient diffused into the air and on the ground can be estimated as being 100 times lower than the classic intervention performed with an atomiser cannon.

Therefore, PERFETTO allows an excellent service/quality/cost ratio.

PERFETTO is quite simple to install, but it is preferable to use a capable and qualified professional who is able to advise and design a customised and turnkey system.

The system can also be expanded after the first installation, increasing the protected area in line with any new requirements of the customer.



**WATCH THE
INSTALLATION VIDEO**



MAINTENANCE

Like all mechanical equipment, it requires minor adjustments and routine maintenance and correct storage at the end of the season.

The main ordinary operations are listed below:

- topping up of the concentrated insecticide or repellent product
- cleaning of the nozzles
- cleaning of the dosing valves
- possible replacement of the dosing valve seals
- replacement of the water filter

