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How To Design A Misting System

The process in designing a basic mosquito misting systems is fairly simple. Follow these steps and you will be able to buy the necessary materials needed for your project.

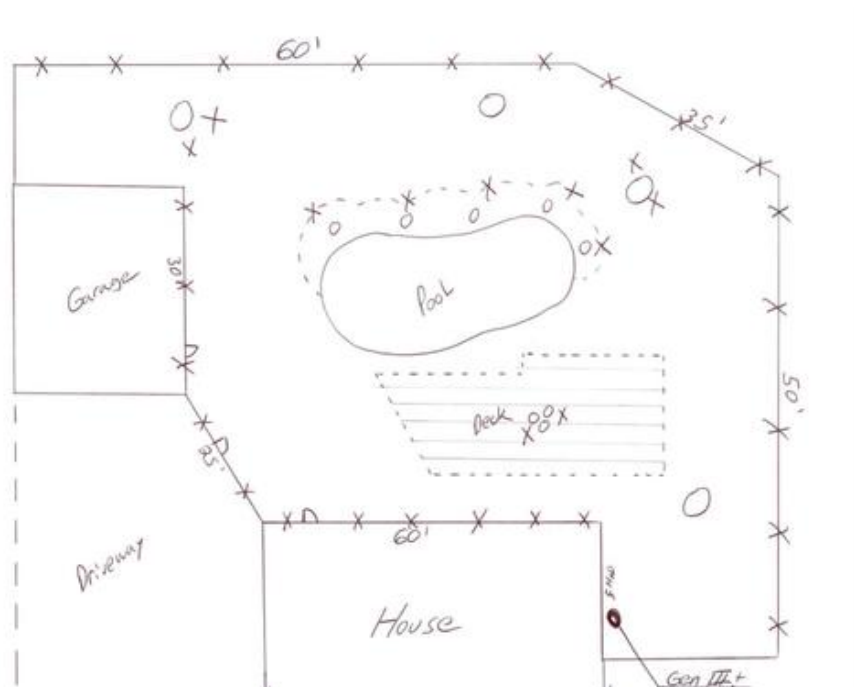
Step 1. Define the areas that you want to protect with your system.

Although you may have a large piece of property it may not be practical to install a system to protect it all. It is possible but it require some design assistance to insure the pressure is evenly dispersed throughout. Typical residential backyards that are fenced in are generally the ideal size for a misting system.

Step 2. Draw your misting system layout on paper.

This step is extremely important as you will use it to write down your distances from corner to corner and note obstacles that maybe in your way. Do not make this step complicated it's a guide not a final exam.

Take a look at this example of a misting system design to see how it covers the basics such as the location of the house, fence, nozzles, obstacles, and where the unit will be located.





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Step 3. Use your drawing to determine needed materials

Use this guide to design a "basic" system that will provide optimal results.

- Space nozzles +/- 10 Feet apart
- Use union elbows to make turns as to no kink the tubing
- Create a complete loop whenever possible otherwise try to keep runs with 30 or less nozzles in a single series.

If you follow these simple guidelines above you should be able to design a system without any issues. However should you have a question with your design please send it to us and we can go over it with you.

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