

## What makes Flower Turbines special?

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We try to solve all the issues of small wind turbines that could prevent them from being used in a tight environment, near people, and near and on buildings. As a starter, they must be quiet and pleasing to the eye.

This table shows some basic characteristics.

| Type                | Efficiency   | Noise  | Birds     | Starting Speed        |
|---------------------|--|--------|-----------|-----------------------|
| Horizontal axis     | 30%+   | High   | Dangerous | 3 meters per second   |
| Vertical axis lift  | 15-25%   | High   | Dangerous | 3 meters per second   |
| Vertical axis helix | 5-10%  | Medium | Dangerous | 5 meters per second   |
| Vertical axis drag  | 7-10%  | Low    | Safe      | 2-3 meters per second |
| Flower Turbines     | 35% alone; when including the cluster effect, the performance increases so that it performs 20-50% better; technically, that is not “efficiency” | Low    | Safe      | 1.2 meters per second |