



Vortex Sprinkler - No Moving Parts



UNREAL

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Summary

No assembly, no moving parts, print in place. No wear Vortex Sprinkler. 3/4" hose connection

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3D Printed Vortex Sprinkler - No Moving Parts, Ready to Use

This innovative sprinkler is designed for hassle-free use straight off the 3D printer. No assembly or post-processing required. With a smart, print-in-place design and zero moving parts, it's both durable and maintenance-free.

Water flows through a built-in vortex chamber, creating an effective sprinkling action that works even with low-pressure hoses. The unit includes three mounting holes for easy attachment to the ground or other surfaces using screws or nails.

Sprinkling radius can go up to 6-7m easy.

Key Features:

- Print-in-place design – no assembly needed
- Operates also with low-pressure water
- No moving parts = minimal wear over time
- Three mounting holes for secure installation
- Standard 3/4" hose adapter connection
- Recommended print material: PETG for strength and durability
- Sprinkle radius can be adjusted via water pressure regulation

Built for reliability, this compact sprinkler is a simple yet effective solution for garden and lawn care.

Originally built to keep fresh concrete moist during hot summer days, it is perfect for both bricklayers and gardeners.

(Sorry for poor quality picture, this works very well tho')

Model files

vortex_sprinkler.stl



turbo_sprinkler_60deg_overhangs.stl



vortex_sprinkler.stp



turbo_sprinkler_60deg_overhangs.stp



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