



Netatmo wind gauge mount for flagpole top cap



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Summary

Mount your Netatmo wind gauge on your flagpole by changing the old top cap to one of these.

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[windgauge](#)

When I got my Netatmo wind gauge I immediately wanted to mount it. So I just drilled a hole in the standard top cap of my flagpole, put a screw in and put the wind gauge on top of it. This 'solution' worked for a while, but it looked really nasty.....and I wanted to do it properly this time.

I tried a bunch of different approaches and iterations. All of them work so you can decide, which one you like best.

V1: Since the wind gauge is sensitive to UV radiation, I wanted to design the mount in a way that protects the gauge.

V2: Same as V1 but with added drain holes on the bottom.

V3: A rather simple solution that uses a lot less material.

V4: Same approach as with V3 but with holes for a rope.

V5: Redesigned the bottom part, so the rain can drain better and added a top cap to also protect the top of the wind gauge. Should be used in combination with V3/4 and a long screw.

V6: My latest iteration. A lot less material is needed. but it also doesn't protect the wind gauge. You can add a 608 bearing to the bolt if you want to.

Settings:

Print with 0.2 or 0.3mm and PETG. PLA should also work but doesn't last as long as PETG.

Model files



netatmov6.stl



netatmov6bolt.stl



netatmov5bottom.stl



netatmov5top.stl



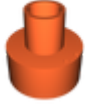
netatmov4.stl



netatmov3.stl



netatmo flagpolemountv2.stl



netatmo flagpolemountv1.stl

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