

## Monitor TopHat FAQ

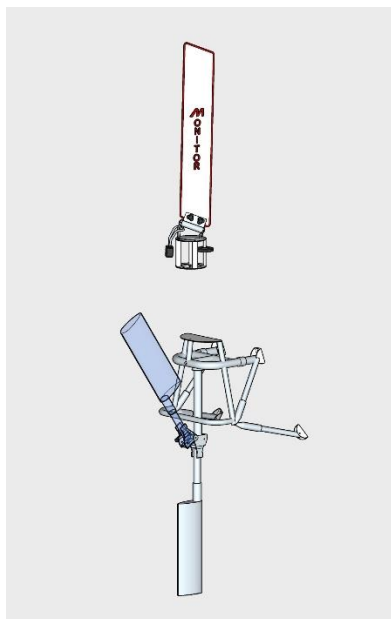
### What is the TopHat?

The TopHat is a variant of the Monitor windvane, with the airvane assembly detached from the Monitor's frame. This design reduces the required overhead clearance, making it perfect for boats equipped with dinghy davits, solar panels, radar arches, or mizzen booms. The allows the airvane to be installed in an unobstructed area where it can access clean air.

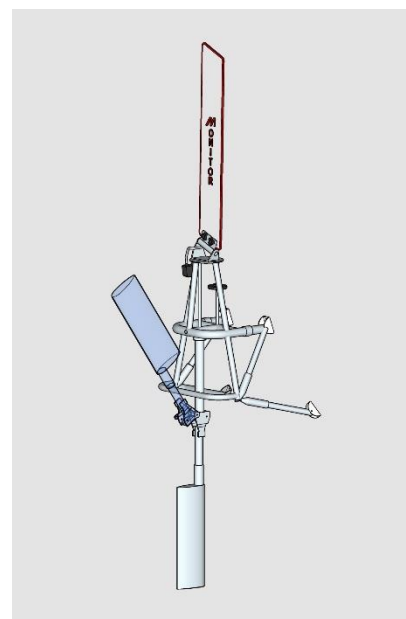
Generally, unless your boat has davits, low-hanging solar panels, or an arch, the traditional Monitor is recommended. However, if you have these accessories or plan to install them, the TopHat is likely a better option.

The TopHat consists of two main components: the TopHat turret, which encompasses the airvane, and the TopHat frame. These two are linked by a low-friction cable.

The upper part of the TopHat frame offers a flat surface, serving as an optimal attachment point for securing your dinghy to prevent it from swaying in the davits. It is crucial to remember that you should not sail offshore or in heavy seas with the dinghy attached to the davits.



TopHat Assemblies



Traditional Monitor

### **Where can I mount the turret assembly?**

The turret assembly can be mounted on a rail, davit, tower or any surface that has clearance for the airvane. A template for the turret base is available to assist you in designing a suitable mounting platform.



Davit



Tower



Rail Mount

### **How does the turret assembly connect to the TopHat frame?**

The two assemblies are connected using a Teflon splined cable. These cables have exceptionally low friction and come in a variety of lengths allowing for custom installation. Fittings provided on the TopHat frame and turret facilitate connections to the cable.

### **How long are the cables?**

Cables are available in a variety of lengths, but we suggest a cable between 6' and 12'. We recommend Xtreme cables by Seastar Solutions (a Dometic brand) part number CCX66xx, where the xx is cable length (06, 07, 08, 09, 10, 11, 12). These are widely available, including from Amazon.

### **Does Scanmar provide cables?**

Generally no because until the TopHat assemblies are in place, it is difficult to accurately measure the length of cable needed. As a result, we have found it easier for the customer to order the cables directly from a local source or Amazon once the required length is known.

### **How do I mount the TopHat frame?**

Mounting the TopHat frame is the same as mounting a traditional Monitor. The TopHat frame uses the same mounting systems as a regular Monitor, including the optional SwingGate mount.

**Can I convert an existing Monitor to a TopHat?**

Yes. You can remove the upper airvane assembly from your existing Monitor and reinstall it on a TopHat turret but the top of the remaining frame will be higher than the TopHat frame by about 8.5" (216mm). The brackets used to connect the cable to a TopHat frame can also be mounted on a traditional Monitor.

**Can I use the Monitor's e-rudder with the TopHat?**

Yes, the TopHat is compatible with the Monitor's e-rudder system.

**Can the TopHat use the same airvanes as the Monitor?**

Yes, the TopHat uses the same airvanes as the traditional Monitor. These include the standard airvane, the heavy weather airvane and the stubby airvane.