

## Stamas Yachts-308 Predator Fishing Boat Marine Misting Systems by Mist-er-Comfort

**May 11, 2010; Tarpon Springs, Florida:** I received a call from Evans Holcomb of US Marine Marketing, a good friend and manufacture representative for Mist-er-Comfort marine misting systems. He asked if I'd be interested in traveling to Tarpon Springs to design a misting system for a 2010 Stamas Yacht, 308 Predator fishing boat. I couldn't say no and Evans has known John Stamas for over 20 years. What I learned was the boat was being designed for a June fishing tournament in Key West whereby they were outfitting it with all the latest in marine technologies.



We met with John and discussed the misting concept and began laying out the system. The misting pump and strainer were conveniently located in a stern compartment close to the freshwater tank. This allowed easy access to the water source. The plumbing was a metric plex tube, so we used the metric quick tee connector. It's imperative the water source connection occurs as close to the tank as possible and on the non-pressure side on any existing pumps. As you can see by the photo our pump takes hardly any space in normally a very crowded area. The 125psi SHURflo misting pump was mounted to allow easy access to the pump, strainer and automatic drain valve (ADV). The (ADV) is an important aspect of the system; when pressure is sensed it seals allowing pressurization of the misting heads to occur...once the pump is turned off the ADV then automatically drains the tube and misting heads preventing the build-up of calcium which could cause blockage to the misting system. The ADV also prevents the misting heads from dripping when turned off.



Our next step was to route the misting tubing from the misting pump in the stern of the boat to the canvas T-top. That was easily done through a well-planned console wiring channel. We also pulled the pump power wire at the same time since an accessory switch on the console will be used to turn on/off the misting system. Once inside the console it was a snap to run the misting tubing up through the T-top pole supports and all the way to the aft of the T-top canvas...at all times being hidden from view.



We decided it would be best to locate a total of six misting heads; two on the aft canvas *cooling down* the main fishing area, two on the bow canvas to *cool down* the forward seating area, one on the port helm seat and one on the starboard helm seat...*its always important to keep the captain and the first mate comfortable*. The misting tube was hidden from view on the inside of the canvas webbing starting from the aft of the T-top and going up the port and starboard sides until it reached the bow of the T-top. As you can see by the photos, the black misting tubing and heads are not easily seen, they blend in perfectly. We cut the tubing in the six pre-selected places and inserted the misting elbows and tees. We filled the fresh water tank, inserted misting stems with screw plugs. We're ready for the pressure testing. We simply turned on the console misting power switch, and examined all connection points for any signs of leaks. Once we determined there were no leaks, we began removing/replacing each screw plug (one at a time) to allow water to flow out of each head. This process eliminates any dirt particles obtained during the installation. The final step was to remove the screw plugs and install the stainless steel misting heads.



We turned on the console mister switch and examined each misting head. We then turned off the power switch and watched the automatic drain valve allowing water to drain into the bilge. As soon as it stopped dripping, we turned back on the power switch and watched the automatic drain valve reseal itself and allow the misting. We did that a half dozen times to make sure everything was properly connected. We were then ready to turn on the Mist-er-Comfort marine misting system to enjoy the cool fine mist.

This entire process took less than three hours.

**Come see the *COOLEST* fishing boat in the tournament:  
Test rides available June 24<sup>th</sup> & 25<sup>th</sup>  
Key West Harbor Yacht Club  
6000 Peninsular Avenue  
Key West, FL.**

Written by:  
Bill Ford  
Design Specialist  
Mist-er-Comfort

[www.mist-er-comfort.com](http://www.mist-er-comfort.com)

**Stamas**  
Y a c h t

For more information on the new 308 Predator contact:

**Stamas Yachts  
300 Pampas Avenue  
Tarpon Springs, FL 34689  
(727) 937-4118  
[www.stamas.com](http://www.stamas.com)**

