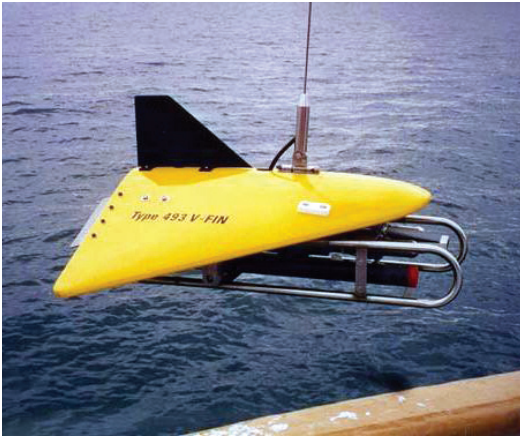




Standard V-Fins

Towed Underwater Platforms



A YSI V-Fin (Vehicle for Instrumentation) is a stable, lightweight platform used to deploy instruments from a moving vessel. The V-Fin is durable and can be flown at a variety of depths in a water column to collect data.

Features:

- Hand-built and balanced to ensure stable tow performance
- Bonded fiberglass and polyester resin construction is extremely durable
- Designed to dive deep in the water column, minimizing the amount of cable required
- Simple dihedral wing design is easily customizable to specific applications

Controlled dive

The YSI V-fin can fly at different depths in the water column. This is controlled by the user by adjusting boat speed and tow cable length. As the tow speed increases, the fin depth increases. The V-fin's depressive force helps stabilize the system, regardless of surface water conditions such as prop wash and waves.

Custom systems available

Contact YSI's Integrated Systems & Services division to discuss your specific monitoring application. We offer a variety of towed platforms, cables, and handling gear which can be integrated with the right equipment to fit your needs.

Pure
Data for a
Healthy
Planet.®

Easily deployed from moving vessels for survey, scientific, or other water sampling projects



Customizable V-Fin platforms can be configured with water quality instruments (above), acoustic velocity profilers, transducers, and hydrophones for a wide range of sampling applications.



To order, or for more information, contact YSI Integrated Systems & Services

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ISO 9001
ISO 14001

(Yellow Springs facility)

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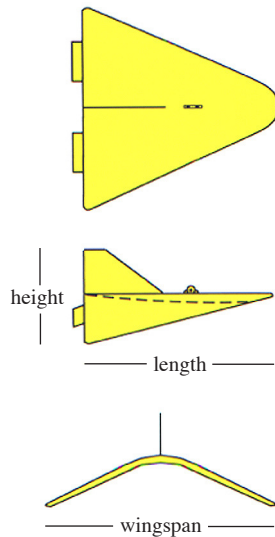


YSI incorporated
Who's Minding
the Planet?[®]

Standard V-Fin Specifications

Type	Length	Wingspan	Height	Weight		Depressive Force		
				Air	Water	5 knots	10 knots	15 knots
166	2 ft.	28.5 in.	13.75 in.	28 lbs.	17 lbs.	85	255	590
265	2 ft.	28.5 in.	13.75 in.	22 lbs.	30 lbs. <i>buoyant</i>	85	255	590
493	3 ft.	42.75 in.	19.75 in.	125 lbs.	75 lbs.	300	750	1575
129	4 ft.	57 in.	26.5 in.	237 lbs.	160 lbs.	450	1250	2700
394	4 ft.	57 in.	26.5 in.	110 lbs.	120 lbs. <i>buoyant</i>	450	1250	2700
167	6 ft.	85.5 in.	39.75 in.	430 lbs.	250 lbs.	900	2550	4250

V-Fin types 166, 493, 129, and 167



V-Fin types 265 and 394

