



## Pod 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 pod 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 acoustic velocity profilers, transducers, hydrophones, and water quality instruments for a wide range of sampling applications.*



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

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(Yellow Springs facility)

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## Pod V-Fin Specifications

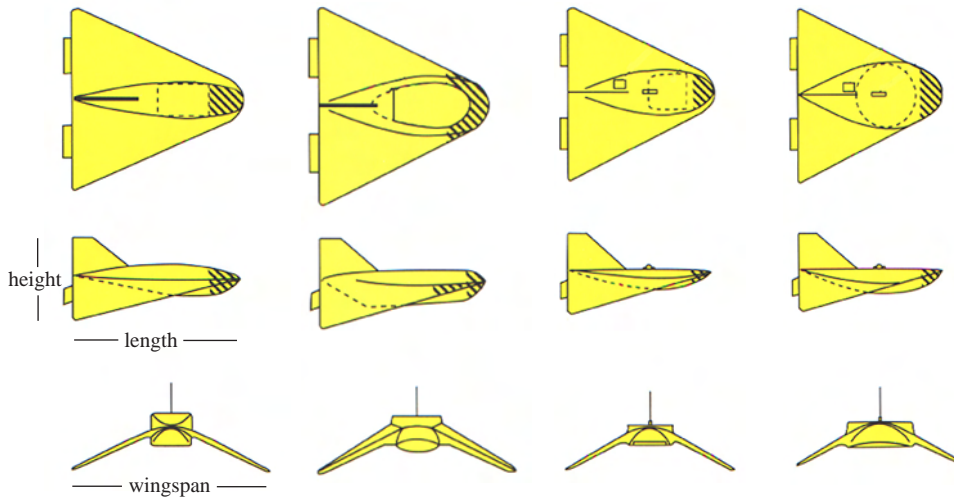
Type	Length	Wingspan	Height	Weight		Depressive Force			Payload
				Air	Water	5 knots	10 knots	15 knots	
317	2 ft.	28.5 in.	13.25 in.	28 lbs.	17 lbs.	85	255	590	120 cu. in.
1121	2 ft.	28.5 in.	13.25 in.	28 lbs.	17 lbs.	85	255	590	248 cu. in.
703	3 ft.	42.75 in.	19.75 in.	140 lbs.	90 lbs.	300	750	1575	743 cu. in.
120	4 ft.	57 in.	26.5 in.	195 lbs.	145 lbs.	450	1250	2700	720 cu. in.
438	4 ft.	57 in.	26.5 in.	237 lbs.	160 lbs.	450	1250	2700	1248 cu. in.
850	4.5 ft.	56 in.	25 in.	265 lbs.	175 lbs.	450	1250	2700	4557 cu. in.
671	6 ft.	85.5 in.	39.75 in.	430 lbs.	250 lbs.	900	2550	4250	10358 cu. in.
672	6 ft.	85.5 in.	39.75 in.	430 lbs.	250 lbs.	900	2550	4250	5184 cu. in.

Pods 317 and 1121

Pod 703

Pod 120

Pod 438



Pod 850

Pod 671

Pod 671

