



Speed / Temperature Low Profile

ST800

The ST800 features a valve assembly that is built right into the housing. The new self-jacking cap eases removal of the speed insert as there are no rings to remove or lose. These low profile models are nearly flush and minimize drag with only 5 mm (3/16") extending outside of the hull.

Features:

- Self-closing valve eliminates flow of water into the hull when paddlewheel insert is removed for easy service or storage
- Total height is only 124 mm (4.87")
- Housings are ABYC H-27 compliant
- Fins alongside the paddlewheel provide flow stability for accurate readings at low speeds and in cross flow conditions
- Includes temperature sensor



Hull material:
Fiberglass- B120, P120, SS521
Wood- B120, SS521
Aluminum- P120, SS521
Photo: B120

Nominal Pulse Rate:	Per Nautical Mile	Per Knot
With Fins:	14,400 pulses	4.0Hz
Without Fins:	17,000 pulses	4.8Hz
Supply Voltage:	5-25 VDC	
Weight:	P120 molded plastic: 0.7 kg (1.4 lb.) B120 cast bronze: 1.3 kg (2.8 lb.) SS521 stainless steel: 1.6 kg (3.5 lb.)	
Hole Diameter for Installation:	51mm (2")	

Performance:

Speed Range	2 – 45 knots 2 – 52 mph			

Also see:
DT800 for matching depth

U.S. Patent No.: 4,898,029 • U.S. Patent No.: 5,186,050 • Australian Patent No.: 605,281
Canadian Patent No.: 1,313,775 • Japanese Patent No.: 1851014





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Applications:

- Planing hull powerboats
- Cruising sailboats

Notes:

- Blanking plug is supplied with each unit
- Included rubber washer (part # 09-452) allows tightening of the hull nut to irregular hull surfaces

Options:



- Intelligent circuitry for linearity correction and jitter control
- No fins alongside paddlewheel
- Two wire speed circuit
- Pulse division circuitry for other pulse rates
- Over-voltage protection (OVP)

Parts & Accessories:



Hull Nut:
P120- 04-004
B120- 02-030
SS521- 02-531-01



Blanking Plug:
33-481-01



Paddlewheel Kit:
33-250



Housing & Nut:
P120- 33-340-02
B120- 33-340-01
SS521- 33-494-01

