Airmar offers three styles of fully waterproof, stand-alone, temperature sensors to meet your demanding and rugged temperature sensing applications.

**Temperature on Equipment**
The T25 has a very fast thermal response time in air and is well suited for sensing temperature on all types of industrial equipment.

**Liquid or Air Temperature**
The T80 stainless steel model can be surface-mounted virtually anywhere to measure liquid or air temperature.

**Temperature in Water**
The T42 bronze thru-hull senses temperature in water and can be mounted in vessels with fiberglass or wood hulls.

**Applications**
- T25—Air temperature sensing
- T80—Liquid or air temperature measurement
- T42—Water temperature, thru-hull mounting on all fiberglass and wood boat hulls

**Features**
- All units have a thermistor with 10,000 ohms nominal resistance at 25°C (77°F)
- Temperature only
- T25 plastic housing
- T80 stainless steel housing
- T42 bronze housing
As Airmar constantly improves its products, all specifications are subject to change without notice. All Airmar products are designed to provide high levels of accuracy and reliability, however they should only be used as aids to navigation and not as a replacement for traditional navigation aids and techniques. Smart™ is a trademark of Airmar Technology Corporation. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies, which are not affiliated with Airmar.

**SPECIFICATIONS**

**Weight:**
- 0.2 kg (0.5 lb) — T25
- 0.2 kg (0.5 lb) — T80
- 0.6 kg (1.3 lb) — T42

**Thermal Constant:** 15 seconds — T42

**Temperature Accuracy:** ±2°

**Unicurve® Type Thermistor:** 10,000 ohms

**Hole Diameter for Installation:** 22 mm (7/8”) — T42

**Temperature Range:** 0°C to 30°C (32°F to 86°F)

**DIMENSIONS**

- **T25**
  - Ø 9 mm (0.37”)
  - 38 mm (1.50”)

- **T80**
  - 25 mm (1.00”)
  - 27 mm (1.06”)
  - 6 mm (0.24”)

- **T42**
  - Ø 38 mm (1.50”)
  - 131 mm (5.16”)
  - 7 mm (0.26”)
  - Ø 21 mm (0.84”)
  - M22-1.5 threads
  - Ø 6.2 mm (0.24”)

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T25_T80_T42_rD 01/12/11