

# Economy and HVAC Thermowells

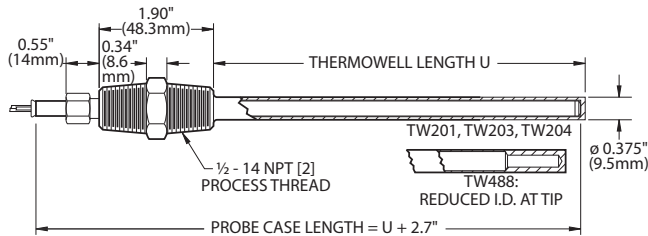


## Overview

Thermowells protect probes from pressure, flow, and corrosion. The models on this page have integral fittings for probe and connection head mounting.

Immerse the thermowell at least 2.5" (65 mm) for accurate readings. The well should extend beyond the center of the fluid stream without touching the opposite wall. Installation in an elbow or tee may be necessary for sufficient immersion in small pipes.

For fastest time response, Mod-Tronic can furnish thermowells with heat sink compound in the tip. This eliminates the air gap between the probe and inside wall of the well and can reduce time constant by as much as 50%. Order AC101750.



## Economy thermowell specifications

**Models:** TW204 / TW201 / TW203

**Probes:** use with tip-sensitive probes on pages 3-2 to 3-3

**Body material:** 300 series stainless steel, nickel-plated brass sealing nut with brass compression ring

**Temperature limit:** 260°C (500°F)

**Pressure rating:** 1000 psi (69.9) bar

**Hex size:** 7/8" (22 mm)

**Standard U dimension:** 0.1" increments to 48"

Probe diameter	Thread "CH"	Process Thread	Model
0.188" (4.8 mm)			TW204
0.215" (5.5 mm)	1/2-14 NPT	1/2-14 NPT	TW201
0.250" (6.4 mm)			TW203

## HVAC thermowell specifications

**Model:** TW488

**Probes:** use with HVAC probes on page 9-19

**Body material:** 316 stainless steel, nickel-plated brass sealing nut with silicone rubber O-ring

**Temperature limit:** 260°C (500°F)

**Pressure rating:** 1880 psi (129.7) bar

**Hex size:** 7/8" (22 mm)

**Standard U dimension:**

3.0, 6.0, 12.0, and 18.0". Other lengths are available.

Probe diameter	Thread "CH"	Process Thread	Model
0.250" (6.4 mm)			
Tip 0.188" (4.8 mm)	1/2-14 NPT	1/2-14 NPT	TW488

## Specification and order options

TW203	Model number
U	
60	Thermowell length U: Specify in 0.1" increments (Ex: 60 = 6.0 inches)
TW203U60 = Sample part number	



**STOCKED PARTS AVAILABLE**

Specifications subject to change