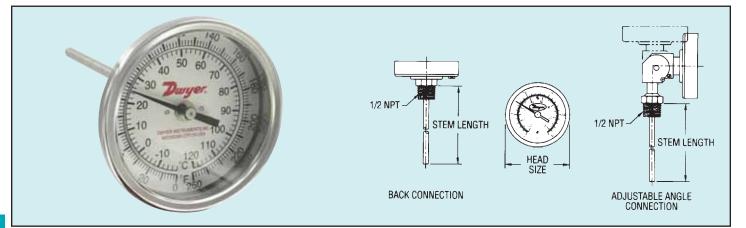


BT Bimetal Thermometers

2", 3" or 5" Dial, Dual Scale, \pm 1% FS Accuracy, External Reset



Temperature

Series BT Bimetal Thermometers offer accurate, reliable service even in the toughest environments. These corrosion resistant units are constructed from stainless steel and are hermetically sealed to prevent crystal fogging. The bimetal element directly drives pointer, eliminating gears and linkage. An external reset screw allows field calibration and easy-to-read aluminum dial minimizes parallax error. Choose back connection, lower connection or adjustable angle for easy viewing and installation. Adjustable models can be rotated a full 360° and tilted over a 180° arc. NOTE: When using in pressurized applications, use a suitable thermowell. Bimetal thermometers are commonly used to measure water temperature on chillers and boilers.

SPECIFICATIONS

Wetted Materials: 304 SS.

Housing Material: Series 300SS Lens: Glass Accuracy: ±1% full scale.

Response Time: ≤ 40 seconds.

Temperature Limits: Head: 200°F (93°C). Stem: Not to exceed 50% over-range or 1000°F (538°C) or 800°F (427°C) continuously.

Process Connection: 1/4" NPT on 2" dial size; 1/2" NPT on 3" or 5" dial size.

Stem Diameter: 1/4" O.D.

Immersion Depth: Minimum 2" in liquids, 4" in gas.

	Dial Size,				Dial Size,		
	Stem	Temperature	Degree		Stem	Temperature	Degree
Model	Length	Range, °F(°C)	Div., °F(°C)	Model	Length	Range, °F(°C)	Div., °F(°C)
Back Connection				Adjustable Angle Connection			
BTB22551*	2″, 2-1/2″	0/250	2	BTA54010D	5″, 4″	0/200 (-20/100)	2 (2)
BTB2405D	2″, 4″	0/250 (-20/120)	2 (2)	BTA5405D	5″, 4″	0/250 (-20/120)	2 (2)
BTB2409D		200/1000 (100/550)	10 (5)	BTA5407D	5″, 4″	50/550 (10/290)	5 (5)
BTB32510D		0/200 (-20/100)	2 (2)	BTA56010D	5″, 6″	0/200 (-20/100)	2 (2)
BTB3255D	3″, 2-1/2″	0/250 (-20/120)	2 (2)	BTA5605D	5″, 6″	0/250 (-20/120)	2 (2)
BTB3257D	3″, 2-1/2″	50/550 (10/290)	5 (5)	BTA5607D	5″, 6″	50/550 (10/290)	5 (5)
BTB34010D	3″, 4″	0/200 (-20/100)	2 (2)				
BTB3405D	3″, 4″	0/250 (-20/120)	2 (2)	Lower Connection			
BTB3407D	3″, 4″	50/550 (10/290)	5 (5)	BTC3255D	3″, 2.5″	0/250(-20/120)	2 (2)
BTB3605D	3″, 6″	0/250 (-20/120)	2 (2)				

*Model offered in Fahrenheit scale only.