



ALL STAINLESS STEEL
ADJUST ANGLE THERMOMETER



ADJUST ANGLE
DIAL THERMOMETER



RIGID DIAL
THERMOMETER

Direct Mounted Types

Available in 3½", 4½", 6" and 8½" Dial Sizes

STANDARD FEATURES

- Uniformly graduated scales
- Accurate to ± 1% of range span
- Adjustable pointer
- Fast response
- Inert gas fill – ideal for applications where Mercury is prohibited
- Stainless steel bulb
- Bronze bushed rotary type brass movement – stainless steel movement optional at extra cost
- Rigid or adjustable angle forms

STANDARD RANGES

CELSIUS	DIVISIONS	FAHRENHEIT	DIVISIONS
-100 to 100°C	2°	-100 to 100°F	2°
-40 to 180°C	2°	-40 to 110°F	1°
-40 to 110°C	1°	-40 to 180°F	2°
0 to 100°C	1°	-20 to 120°F	1°
0 to 120°C	1°	0 to 100°F	1°
0 to 150°C	1°	0 to 120°F	1°
0 to 200°C	2°	0 to 150°F	1°
0 to 300°C	2°	0 to 200°F	2°
0 to 400°C	5°	0 to 300°F	2°
0 to 500°C	5°	0 to 400°F	5°
200 to 650°C	5°	0 to 500°F	5°
		20 to 240°F	2°
		30 to 240°F	2°
		50 to 550°F	5°
		50 to 750°F	5°
		200 to 1000°F	10°
		400 to 1200°F	10°

DUAL SCALE (BOTH °F AND °C)	DIVISIONS
-40 to 104°F and -40 to 40°C	1°, 1°
-40 to 180°F and -40 to 82°C	2°, 1°
-20 to 120°F and -30 to 50°C	1°, 1°
0 to 120°F and -20 to 50°C	1°, 1°
0 to 150°F and -18 to 66°C	1°, 1°
0 to 300°F and -20 to 150°C	2°, 2°
0 to 500°F and -18 to 260°C	5°, 2°
30 to 240°F and 0 to 115°C	2°, 1°
50 to 550°F and 10 to 290°C	5°, 2°
200 to 1000°F and 95 to 540°C	10°, 5°
400 to 1200°F and 200 to 650°C	10°, 5°

Direct Mounted Types

TABLE 1

BASE CATALOG NO.	DIAL SIZE	TYPE
453B	4½"	All Stainless Steel Adjustable Angle
333B	3½"	Adjustable Angle
433B	4½"	
633B	6"	
833B	8½"	
323B	3½"	Rigid (Not Adjustable)
423B	4½"	
623B	6"	
823B	8½"	

TABLE 3 – CASE STYLES

CODE	CASE TYPE
P	Molded polypropylene, Turret Type Standard on 4½" dial size. (Not available in other dial sizes.)
C	Aluminum, Flangeless Black Aluminum Bayonet Ring. Standard on 3½" and 6" dial sizes. Extra cost option for 4½" dial size.
I	Aluminum, Flangeless Chrome Like Bayonet Ring. Standard on 8½" dial size. (Not available in other dial sizes.)
Y	Stainless Steel, Flangeless Stainless Steel Bayonet Ring Standard on base catalog No. 453B Extra cost option for all other 3½" or 4½" dial sizes (Not available in other dial sizes.)

For complete case description and dimensions refer to pages 72 & 73.

TABLE 2 – Bulb Type and Size

Union Connection (fixed length)
Wells, bushings or flanges required for installation



3/8" O.D.
1/2"-14 NPSM Swivel Nut*

CODE	STEM LENGTH	FITS WELL*
4	4"	4½" O.A.
6	6"	6½" O.A.
9	9"	9¼" O.A.
2	12"	12¾" O.A.

*Uses "K" Series Thermowells (See page 77)



5/8" O.D.
1"-20 NEF-2B Swivel Nut**

CODE	STEM LENGTH	FITS WELL**
J	3½"	4½" O.A.
K	6"	6¾" O.A.
L	9"	9¾" O.A.
M	12"	12¾" O.A.

**Uses "5F" Series Thermowells
"5F" Series Bushings
(See page 77 and 78)

TABLE 4

CONNECTION LOCATION CODE	AVAILABILITY		
	ALL SS ADJ. ANGLE	ADJUST ANGLE	RIGID TYPE
C = Center Back	•		
L = Lower		•	•
R = Rear			•

HOW TO ORDER

SPECIFY 4-DIGIT BASE CATALOG NUMBER 4 5 3 B

ADD BULB TYPE DIGIT FROM TABLE 2 4

ADD CASE STYLE DIGIT FROM TABLE 3 Y

ADD CONNECTION LOCATION DIGIT FROM TABLE 4 C

ALSO SPECIFY: (A) RANGE (SEE TABLES ON PAGE 66) (B) ANY ACCESSORIES OR OPTIONS DESIRED (SEE PAGES 76 THRU 78)