

1-800-GRAINGER (472-4643)

See page 567 for thermowells.



**Adjustable-Angle Mounted  
1NGA1**



**Side- & Bottom-Mount  
1NFZ4**



**Back Mount  
1NFZ9**

## General Purpose Thread-Mounted Dial Thermometers

- 1/2" NPT connection
- Accuracy:  $\pm 1\%$  except as noted

Thermometers thread onto pipe or tank connections to measure and monitor temperature. Stainless steel housing with an airtight hermetic seal on the dial face to prevent icing or fogging. Easy calibration using external adjustment screw.

Temperature Range	Stem Length	Graduations	3 in Dia. Item No.	5 in Dia. Item No.
<b>Adjustable-Angle Mounted</b>				
0° to 250°F/-20° to 120°C	2.5 in	2°F/1°C	1NGA2	1NGC3
	4 in	2°F/1°C	1NGA5	1NGB7
	6 in	2°F/1°C	1NGA8	1NGC1
	9 in	2°F/1°C	1NGB1	1NGF4
	12 in	2°F/1°C	1NFZ9	1NGC6
-20° to 120°F/-30° to 50°C	4 in	2°F/1°C	1NGA4	1NGB9
	6 in	2°F/1°C	1NGA7	1NGC8
	9 in	2°F/1°C	—	1NGC9
	12 in	2°F/1°C	—	1NGC5
50° to 550°F/10° to 290°C	2.5 in	5°F/2°C	1NGA3	1NGC4
	4 in	5°F/2°C	1NGA6	1NGB8
	6 in	5°F/2°C	1NGA9	1NGC2
	9 in	5°F/2°C	—	1NGF5
	12 in	5°F/2°C	1NGA1	1NGC7
<b>Back-Mount Fixed-Angle</b>				
0° to 250°F/-20° to 120°C	2.5 in	2°F/1°C	1NFY4	1NGE2
	4 in	2°F/1°C	1NFY6	1NGE5
	6 in	2°F/1°C	1NFY9	1NGE8
	9 in	2°F/1°C	1NFZ2	1NGF2
	12 in	2°F/1°C	1NFZ9	1NGD9
-20° to 120°F/-30° to 50°C	4 in	2°F/1°C	1NFY8	1NGE4
	6 in	2°F/1°C	1NFY1	1NGE7
	9 in	2°F/1°C	1NFY2	1NGF1
	12 in	2°F/1°C	1NFZ8	—
50° to 550°F/10° to 290°C	2.5 in	5°F/2°C	1NFY5	1NGE3
	4 in	5°F/2°C	1NFY7	1NGE6
	6 in	5°F/2°C	1NFZ1	1NGE9
	9 in	5°F/2°C	1NFZ3	1NGF3
	12 in	5°F/2°C	1NFY3	1NGE1
<b>Side- &amp; Bottom-Mount Fixed-Angle</b>				
0° to 250°F/-20° to 120°C	2.5 in	2°F/1°C	1NFZ4	1NGD1
	4 in	2°F/1°C	1NFZ6	1NGD3
	6 in	2°F/1°C	1NGB3	1NGD5
	9 in	2°F/1°C	—	460U95
	12 in	2°F/1°C	1NGB5	1NGD7
-20° to 120°F/-30° to 50°C	4 in	2°F/1°C	—	460V31
	6 in	2°F/1°C	1NFZ8	1NGD2
	9 in	2°F/1°C	1NFZ5	—
	12 in	2°F/1°C	1NFZ7	1NGD4
50° to 550°F/10° to 290°C	2.5 in	5°F/2°C	—	1NGD6
	4 in	5°F/2°C	1NGB6	—

\* Accuracy — 151° to 450°F:  $\pm 1\%$ , Greater than 451°F:  $\pm 1.5\%$ , Less Than or Equal To 150°F:  $\pm 1.5\%$ . † Accuracy — 41° to 200°F:  $\pm 1\%$ , Greater than 201°F:  $\pm 1.5\%$ , Less Than or Equal To 40°F:  $\pm 1.5\%$



**1UZU6**



**2KLG2**

## Long-Reach Thread-Mounted Dial Thermometers

- Temp. range: 0° to 200°F
- 2°F graduations
- Accuracy:  $\pm 1\%$
- 1/2" NPT back connection
- 1/4"-dia. stainless steel stem
- 3" dial with glass window

Extra-long stems reach remote areas. Corrosion-resistant stainless steel cases are hermetically sealed to prevent fogging or icing. Gripping Handle, sold separately, provides an easier grip.

Stem Length	Item No.
<b>Long Reach Dial Thermometer</b>	
12 in	1UZU6
18 in	1UZU7
24 in	1UZU8
36 in	1UZU9
48 in	1UZV1
60 in	1UZV2
72 in	1UZV3
<b>Gripping Handle</b>	
Aluminum Housing	2KLG2

## Min./Max.-Reading Thread-Mounted Dial Thermometers

- 2°F/2°C graduations
- Accuracy:  $\pm 2\%$
- 1/2" NPT connection
- 3"-dia. dial

Primary needle displays the current temperature and a secondary needle registers min./max. temperature readings. Commonly used for oven and refrigerator temperature monitoring.



**K3092**

Temperature Range	Stem Length	Item No.
-40° to 160°F/-40° to 71.1°C	2.5 in, 4 in, 6 in, 9 in, 12 in	K3089
0° to 140°F/-17.8° to 60°C	2.5 in, 4 in, 6 in, 9 in, 12 in	K3092
0° to 200°F/-17.8° to 93.3°C	2.5 in, 4 in, 6 in, 9 in, 12 in	K3095
50° to 300°F/10° to 148.9°C	2.5 in, 4 in, 6 in, 9 in, 12 in	K3098
150° to 750°F/65.5° to 398.9°C	2.5 in, 4 in, 6 in, 9 in, 12 in	K3101

## Glow-in-the-Dark Thread-Mounted Dial Thermometers

- 1/2" NPT connection
- Accuracy:  $\pm 1\%$
- 2°F graduations
- 5"-dia. dial

Dial face glows in low-light conditions for easy reading. Bimetal element drives the pointer to provide accurate measurements with no gears or linkages. Glass lens resists scratches, and is easy to clean and view. Corrosion-resistant stainless steel housings are hermetically sealed to prevent fogging. Commonly used in industrial settings or in laboratories.

**K3130**



Temperature Range	Stem Length	Adjustable-Angle Item No.	Back-Mount Fixed-Angle Item No.
<b>CHOOSE:</b>			
0° to 250°F	2.5 in, 4 in, 6 in, 9 in	K3104	K3120
0° to 300°F	2.5 in, 4 in, 6 in, 9 in	K3107	K3122
0° to 500°F	2.5 in, 4 in, 6 in, 9 in	K3110	K3124
20° to 240°F	2.5 in, 4 in, 6 in, 9 in	—	K3126
50° to 300°F	2.5 in, 4 in, 9 in	K3112	—
	2.5 in, 4 in	K3114	—
50° to 400°F	2.5 in, 6 in, 9 in	—	K3128
	2.5 in, 4 in, 6 in	—	K3130
50° to 550°F	2.5 in, 6 in, 9 in	K3116	—
	2.5 in, 4 in, 6 in, 9 in	K3118	—

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