

1-800-GRAINGER (472-4643)

Thread-Mounted Dial Thermometers with Transmitter Output

Thermometers have a head-mounted transmitter on the side of the stem. Temperatures are displayed on the dial, and the transmitter connects to an electronic system for remote readings. Durable stainless steel housing and stem, with glass lens. Commonly used on generating boilers, skid-mounted compressors, and in thermal oxidation systems.

►CHOOSE: Temperature Range	►CHOOSE: Stem Length	Graduations	Dial Diameter	Item No.
-40° to 160°F, 0° to 250°F	2.5 in, 4 in, 6 in, 12 in	2°F	3 in Dia.	D3773
50° to 550°F	2.5 in, 6 in, 12 in	5°F	3 in Dia.	D3773
-40° to 160°F, 0° to 250°F	2.5 in, 4 in, 6 in, 9 in, 12 in	2°F	5 in Dia.	D3774
50° to 550°F		5°F	5 in Dia.	D3774



D3773



Adjustable-Angle HVAC & Boiler
2CYL7



Back-Mount Fixed-Angle
55CL62



Side- & Bottom-Mount Fixed Angle
55CL61

Thread-Mounted Digital Thermometers

- 1/2" NPT connection
- 0.1°F/0.1°C resolution

Thermometers thread directly onto pipe or tank connections to measure and monitor temperatures. The stem connects to the stainless steel housing with an easy-to-read LCD display. Battery powered or operate using solar or indoor light.

Adjustable-Angle HVAC & Boiler have an adjustable-angle display and can be positioned at different angles for easy viewing. Durable cast-aluminum case is water resistant.

Back-Mount Fixed-Angle thermometers are built with the stem mounted directly on their back. Commonly used in industrial applications.

Side- & Bottom-Mount Fixed-Angle Industrial units are built with the stem attached to the side or bottom so they can be positioned as needed for viewing.

Temperature Range	Process Connec.	Accuracy	Stem Length	Includes NIST-Traceable Certificate	Item No.
Adjustable-Angle HVAC & Boiler					
	1/2 in NPT	±1%	2.5 in	No	1UYL2
	1/2 in NPT	±1%	4 in	No	1UYL4
	1/2 in NPT	±1%	6 in	No	1UYL6
-58° to 302°F/-50° to 150°C	1/2 in NPT	±1%	9 in	No	1UYL8
	1/2 in NPT	±1%	12 in	No	1UYN1
	1/2 in NPT	±1%	15 in	No	1UYN3
	1/2 in NPT	±1%	18 in	No	1UYN5
	1/2 in NPT	±1%	24 in	No	1UYN7
	1/2 in NPT	±1%	2.5 in	No	56LM24
	1/2 in NPT	±1%	4 in	No	56LM25
	1/2 in NPT	±1%	6 in	No	56LM26
	1/2 in NPT	±1%	9 in	No	56LM27
-50° to 300°F/-45° to 150°C	1/2 in NPT	±1%	12 in	No	56LM28
	1 1/4"-18	±1%	3.5 in	No	56LM29
	1 1/4"-18	±1%	6 in	No	56LM30
	1 1/4"-18	±1%	9 in	No	56LM31
	1 1/4"-18	±1%	12 in	No	56LM32
	1 1/4"-18 UNEF	±1%	3.5 in	No	6CM22
	1 1/4"-18 UNEF	±1%	6 in	No	6CM23
-40° to 300°F/-40° to 150°C	1 1/4"-18	±1%/±1° (Whichever is Greater)	3.5 in	No	2CYL7
	1 1/4"-18	±1%/±1° (Whichever is Greater)	6 in	No	2CYL8
Back-Mount Fixed-Angle General Purpose Industrial					
-75° to 750°F	1/2 in NPT	±0.5°F/±0.3°C	9 in	Yes	55CL62
Side- & Bottom-Mount Fixed-Angle General Purpose Industrial					
-75° to 750°F	1/2 in NPT	±0.5°F/±0.3°C	2.5 in	Yes	55CL61
	1/2 in NPT	±0.5°F/±0.3°C	4 in	Yes	55CL65

Thread-Mounted Glass Thermometers

Liquid-in-glass scale features black markings on a clear, white background. Temperatures are easy to see and read. Threaded stem allows users to pivot and rotate the thermometer to view it from different angles. Lead-free units are suitable for drinking water applications.

Lead-Free Fixed-Angle Mount
20JN57



Temp. Range (F)	Fluid	Graduations	Accuracy	Scale Length	Adjustable-Angle Mounting Item No.	Bottom Mounting Item No.	Back Mounting Item No.
HVAC Thermometers without Thermowell							
1 1/4"-18 Male UNEF Connection							
-40° to 110°F	Blue Spirit-Filled	2°F/1°C	±1%	9 in	4LZN6	—	—
0° to 120°F	Blue Spirit-Filled	1°F/0.5°C	±1%	9 in	4LZN7	—	—
0° to 160°F	Blue Spirit-Filled	2°F/1°C	±1%	9 in	4LZN8	—	—
30° to 180°F	Blue Spirit-Filled	2°F/1°C	±1%	9 in	4LZN9	—	—
30° to 240°F	Blue Spirit-Filled	2°F/1°C	±1%	9 in	4LZP1	—	—
30° to 300°F	Blue Spirit-Filled	5°F/2°C	±1%	9 in	4LZP2	—	—
50° to 400°F	Blue Spirit-Filled	5°F/2°C	±1%	9 in	4LZP3	—	—
50° to 550°F	Blue Spirit-Filled	5°F/5°C	±1%	9 in	4LZP4	—	—
Industrial Thermometer & Thermowell Assemblies							
1/2 in MNPT Thermometer x 1/2 in MNPT Thermowell Connection							
-40° to 110°F	Blue Spirit-Filled	2°F/1°C	±1%	6 in	—	4PRT7	—
20° to 120°F	Blue Spirit-Filled	2°F/1°C	±1%	6 in	—	4PRT8	4PRU5
20° to 180°F	Blue Spirit-Filled	2°F/1°C	±1%	6 in	—	4PRT9	4PRU6
30° to 240°F	Blue Spirit-Filled	2°F/2°C	±1%	6 in	—	4PRU1	4PRU7
50° to 400°F	Blue Spirit-Filled	5°F/5°C	±1%	6 in	—	—	4PRU9
Lead-Free Thermometer & Thermowell Assemblies							
1/4 in UNEF Thermometer x 3/4 in NPT Thermowell Connection							
-40° to 110°F	Green Kerosene	—	±1%	9 in	20JN72	—	—
0° to 120°F	Green Kerosene	—	±1%	9 in	20JN76	—	—
0° to 160°F	Green Kerosene	—	±1%	9 in	20JN77	—	—
30° to 180°F	Green Kerosene	—	±1%	9 in	20JN79	—	—
30° to 240°F	Green Kerosene	—	±1%	9 in	20JN70	—	—
30° to 300°F	Green Kerosene	—	±1%	9 in	20JN83	—	—
1/2 in NPT Thermometer x 1/2 in NPT Thermowell Connection							
-40° to 110°F	Red Kerosene	—	±2%	5.8 in	20JN61	20JN57	—
20° to 180°F	Red Kerosene	—	±2%	5.8 in	20JN62	20JN58	—
30° to 240°F	Red Kerosene	—	±2%	5.8 in	20JN64	20JN59	—
30° to 300°F	Red Kerosene	—	±2%	5.8 in	20JN63	20JN60	—
40° to 280°F	Green Kerosene	—	±1%	8 in	20JN87	20JN86	—