

## For Commercial, Residential and Institutional HVAC Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*

## Series LFTBR Bottom Entry Bimetal Thermometers

**Dial Size: 3" (80mm)**

Series LFTBR Bottom-Entry Bimetal Lead Free\* Thermometers are used in commercial, residential, and institutional HVAC applications. These thermometers feature chrome steel cases, Kostil polymer windows, Lead Free\* brass stems, brass amplifying movements, 1/2" NPT Lead Free\* brass snap-in thermowells, and bimetal spiral spring sensing elements. The LFTBR features Lead Free\* construction to comply with Lead Free\* installation requirements. The Series LFTBR thermometers are available in various temperature rating scales.

### Features

- Chrome steel case
- Kostil polymer window
- Lead Free\* Brass stem
- Brass amplifying movements
- 1/2" NPT Lead Free\* brass snap-in thermowells
- Bimetal spiral spring sensing element

### Standards

ASME B40.100  
EN ISO 9001:2008  
EN ISO 14001:2004



LFTBR

### Temperature

Working Temperature: 32°F to 248°F (0°C to 120°C) or  
-22°F to 122°F (-30°C to 50°C)

### Materials

Case:	Chromed steel
Window:	Kostil polymer
Stem:	Lead Free* Brass
Amplifying Movement:	Brass
Thermowell:	Lead Free* Brass
Sensing Element:	Bimetal spiral spring

### NOTICE

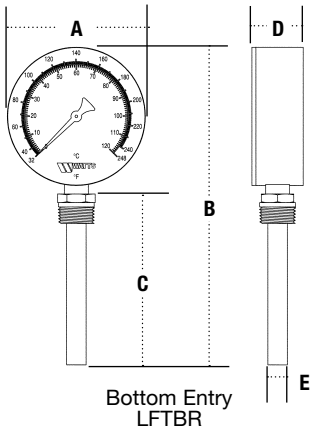
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

\*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Dimensions — Weights



SIZE	MODEL	SCALE		PROBE SIZE		DIMENSIONS								WEIGHT	
		°F	°C	in.	mm	A		B		C		D		E	
in.						in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
1/2	LFTBR-3-232-248	32 – 248	0 – 120	2	51	3	80	5 3/8	137	2	51	1 3/16	30	7/16	11
1/2	LFTBR-3-332-140	32 – 140	0 – 60	4	102	3	80	7 7/16	186	3 15/16	100	1 3/16	30	7/16	11



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USA: Tel: (978) 689-6066 • Fax: (978) 975-8350 • Watts.com

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • Watts.ca

Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • Watts.com