

# Gauges & Thermometers

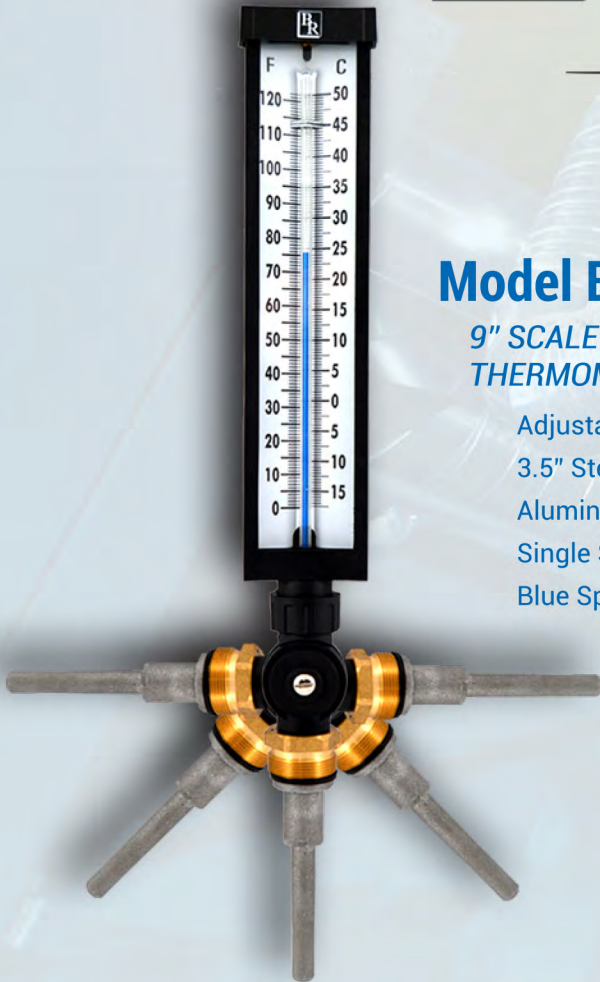
for Plumbing, HVAC, & Mechanical Markets



## Model BR9

9" SCALE - ALUMINUM CASE  
THERMOMETER

- Adjustable Angle Thermometer
- 3.5" Stem Shown (6" available)
- Aluminum Case
- Single Screw Design
- Blue Spirit Filled



## Model BR9A35-SD

SOLAR DIGITAL THERMOMETER

- Solar Powered reading in digital format (°F & °C)
- Made to switch to both temperature scales
- High Impact ABS Case
- Vari-Angle Connection
- ±1.0% Accuracy
- Optional plastic face
- 16 Lux Rating





## LOW PRESSURE GAUGES



**\*MODEL BR500D**  
Low Pressure  
Diaphragm Gauge

### FEATURES

The Model BR500D Series from Blue Ribbon Corporation is a family of dry, non-fillable, diaphragm-based pressure gauges, designed to provide reliable economical measurements of pressures below 10 PSI. Available in brass and stainless steel construction to meet most application and media requirements.

### SPECIFICATIONS

- Accuracy:
  - 2½" Dial: 2.5%
  - 4" and 4½" Dials: 1%
- Dry, Non-fillable
- Working Pressure: 75% FSO
- Overpressure: 30% FSO
- Ambient/Process Temperature: -30 °F to 150 °F
- Enclosure: IP52
- Twist Lock Plastic Lens
- Black Steel Case
- Brass Internals and Connection
- Capsule-Type Diaphragm for Low-Pressure Measurements

### FIELD OPTIONS

- Dial Sizes: 2½", 4" and 4½"
- Connection Sizes: ¼" NPT, ½" NPT on 4½" dial
- 304 Stainless Steel Case (4", 4½" Dial)
- Phenolic Case (4½" Dial)
- Front Flange (FF), Back Flange (BF), and U-Clamp (UC) mount



**\*MODEL BR601D**  
Contractor Gauge Series

### FEATURES

The Model BR601D from Blue Ribbon Corporation is a family of durable contractor pressure gauges, designed to meet the needs of contractors involved in HVAC, plumbing, and industrial and commercial refrigeration applications. Quality and affordability make this series the most attractive gauge for any project where bronze internals are suitable for use.

### SPECIFICATIONS

- Available dial size: 4.5"
- Stainless steel case
- Bronze Bourdon Tube
- Brass socket and movement
- Lead Free Brass
- Glass lens
- Zero adjust screw on dial
- 1% Accuracy Full Scale

### APPLICATIONS

- HVAC
- Plumbing
- Refrigeration
- Steam heated processes\*

\*Note: a pigtail siphon should always be used when putting pressure gauge into steam service

## TRIDICATORS



**MODEL BRPT**  
Boiler Gauge/Tridicator

### FEATURES

- 2½" & 3" Dial Sizes
- Bottom and Back Connect
- Acrylic Lens & Ring
- Brass Tube & Socket
- Aluminum Pointer

### SPECIFICATIONS

- Temperature Range: 30-250 °F/C
- Pressure Range: 0-75 PSI
- Accuracy:
- Pressure: 3-2-3%
- Temperature: 3%

The Model BRPT from Blue Ribbon Corporation is a family of high-accuracy tridicators. A tridicator is a dual purpose instrument that reads both temperature and pressure levels on the same dial face using an independent pointer and scale. This instrument, also known as a "Boiler Gauge," is used primarily on heating systems and boilers.

TRIDICATORS			
DIAL SIZE	MOUNTING	RANGE	PART #
2.5"	¼" NPT Back	0-75 PSI 50-320 °F/C	BRPT-00
2.5"	¼" NPT Back	0-75 PSI 30/250 °F/C	BRPT-01
2.5"	¼" NPT Back	0-75 PSI 30-250 °F/C	BRPT-04
3"	½" NPT Back	0-75 PSI 30-350 °F/C	BRPT-02
3"	½" NPT Bottom	0-75 PSI 30-250 °F/C	BRPT-03
3"	½" NPT Bottom	0-200 PSI 30-250 °F/C	BRPT-05
3"	½" NPT Back	0-200 PSI 30-250 °F/C	BRPT-07
3"	½" NPT Back	0-100 PSI 30-250 °F/C	BRPT-08
3"	½" NPT Back	0-250 PSI 30-250 °F/C	BRPT-98
3"	½" NPT Bottom	0-250 PSI 30-250 °F/C	BRPT-99



# UTILITY GAUGES



## \*MODEL BR100D Steel Utility Gauge

### FEATURES

- Dial Sizes: 1½", 2", 2½", and 4"
- An inexpensive utility gauge for the broad commercial market
- Suitable for air, water, oil, gas or any other media not corrosive to brass
- Available in bottom or center connect 1/8" or 1/4" (M) NPT
- Accuracy: 3-2-3%

\*See cut sheet for Part No., Range Table, & Specifications



## MODEL BRGTB Bell Housing Gas Pressure Test Gauges

PART NO.	CONNECTION	RANGE
BRGTB2-30	1/2"	0-30 PSI
BRGTB2-60	1/2"	0-60 PSI
BRGTB75-30	3/4"	0-30 PSI
BRGTB75-60	3/4"	0-60 PSI
BRGTB1-30	1"	0-30 PSI
BRGTB1-60	1"	0-60 PSI

## The Model BRWT300

water pressure test gauge from Blue Ribbon Corporation is a 2" dial utility gauge. The gauge adapts directly to a water tap to accurately and cost-effectively measure line and system pressures. The ¾" Female hose swivel fits all standard hose connections.

### SPECIFICATIONS

- Dial Size: 2"
- Range: 0-300 PSI
- Connection: ¾" FHT Brass Swivel
- Accuracy: 3-2-3%
- Max Pointer Available



## MODEL BRWT

### Water Pressure Test Gauges

PART NO.	RANGE
BRWT-300	0-300 PSI



## MODEL BRGT & BRGTB Gas Pressure Test Gauges

PART NO.	RANGE
BRGT-15	0-15
BRGT-30	0-30
BRGT-60	0-60
BRGT-100	0-100

**Models BRGT & BRGTB** from Blue Ribbon Corporation are a utility gas pressure test gauge combined with either a valve or bell housing body. Before gas is run into the system, it is charged with air. The gauge then indicates whether or not there is a leak present within the line. The valve and bell housing bodies serve strictly as a bleed port. Series units support the reliable, cost-effective testing of gas line pressures within both commercial and residential applications.

### SPECIFICATIONS

- Dial Size: 2"
- Measurement Range: 0-15 to 0-100 PSI (1/10# increments - only for 0-15)
- Connection: ¾" FPT
- Accuracy: 3-2-3%

# TEST GAUGES



# HOT WATER THERMOMETERS



## MODEL BRHW5/5A OVERVIEW

The BRHW5/5A series thermometers are rugged and economical. Available in both bottom and adjustable angle connections with an easy to read dual scale, they provide an excellent option for a number of heat related applications.

### SPECIFICATIONS

- Hydronic heating system
- Boiler
- Water line temperature measurement

### APPLICATIONS

- Dial Sizes: 2½", 4" and 4½"
- Connection Sizes: ¼" NPT, ½" NPT on 4½" dial
- 304 Stainless Steel Case (4", 4½" Dial)
- Phenolic Case (4½" Dial)
- Front Flange (FF), Back Flange (BF), and U-Clamp (UC) mount



**MODEL BRHW**



**MODEL BRHW-SW**

## SPECIFICATIONS

- Dial: 2.5" (63mm) aluminum with black markings
- Case: Steel
- Lens: Plexiglass
- Ring: Steel, chrome plated
- Sensing Element: Bi-metallic coil
- Pointer: Aluminum, painted black
- Over-Range Enclosure Rating: 25% of Full-scale value
- Ambient/Process Temperature: -40 °F to 390 °F (-40 °C to 200 °C)
- Accuracy: ±3% of Full-scale
- Enclosure Rating: IP52



**MODEL BRCT**

## FEATURES

- Clamp-on design with steel spring
- Dual Scale (°F & °C)
- Easy to install
- Fits pipe sizes to 4" (100mm)

## APPLICATIONS

- To measure surface temperature on pipe.



**MODEL BR9TW**

## SPECIFICATIONS

- Thermometer Connection: ½" NPT female (other thread sizes available upon request)
- Process Connection: ¾", ½" NPT standard, optional thread sizes available
- Bore: 0.467" (11.9mm)
- Construction: Stepped construction Tapered construction standard
- Materials: Brass, AISI 304 stainless steel, AISI 316 stainless steel Other materials available upon request

## FEATURES

- Designed for use with all 9" (228mm) Industrial Thermometers.
- Allows for easy replacement of thermometer without interruption of the industrial process.
- Protects thermometer from exposure to the process media.
- 1-year warranty

Model	Material	Stem Length	Lagging
BR9TW	B-Brass	35-3.5"	1-1"
	LFB - Lead Free Brass	6-6"	25-2.5"
	SS - 304 Stainless Steel		

## FEATURES

- An economical and accurate means to measure air or water temperatures
- Separable thermowell with optional sweat well
- Bimetallic element
- Dual scale (Fahrenheit & Celsius)
- Easy to install
- ½" NPT Connection
- 1 year warranty

## SPECIFICATIONS

- 2.5" dial (63mm), aluminum case
- Glass lens
- ½" NPT Connection
- Bi-metallic sensing element
- Recalibrator Standard
- Accuracy: ±1

Part Number	Temp. Range	Connection
BRHW	30 to 240 °F	½" NPT
BRHW-SW	30 to 240 °F	¾" Sweat Well

