



Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
Fax 501-834-5416

Date: 2/4/2025

Return Request: 2/14/2025

Project: City Of Sherwood Public Works (Administration Building)

Supplier: Comfort Systems USA (Arkansas), Inc.

Manufacturer: Trerice

Submittal: Meters & Gauges (HVAC)

Submittal Number: 23 05 19-01

Drawing # and Installation: Mechanical Drawings

ARCHITECT

Cromwell
1300 East 6th Street
Little Rock, AR 72202
501-372-2900

ENGINEER

Cromwell
1300 East 6th Street
Little Rock, AR 72202
501-372-2900

GENERAL CONTRACTOR

Baldwin & Shell
1000 W. Capitol Ave.
Little Rock, AR 72201
501-374-8677

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
9924 Landers Rd.
N. Little Rock, AR 72117
501-834-3320

Notes:

--

CSUSA PROJECT NO.

24-6084

sean@comfortar.com

9924 Landers Rd.
No. Little Rock, AR 72117

600CB

Cast Aluminum Case

COMMERCIAL • CONTRACTOR GAUGES



600CB shown

- ▶ 3 1/2" & 4 1/2" Dial Sizes
- ▶ ±1.0% Accuracy
- ▶ Cast Aluminum Case
- ▶ Adjustable Pointer

The **600CB** Trerice Contractor Gauge is among the most frequently specified HVACR gauges within the construction industry. This gauge offers high reliability at a moderate price. The 600CB is furnished with a cast aluminum case and an adjustable pointer.

- Optional features and case style variations available: Please consult the Options & Accessories Section for details.
- For correct use and application of all pressure gauges, please refer to: Pressure Gauge Standard ASME B40.100 .

Specifications

Model

600CB

Dial Sizes 3 1/2", 4 1/2"

Wetted Parts

3 1/2" Dial Size:
Bronze tube, brass socket
4 1/2" Dial Size:
Brass tube & socket

Movement Brass

Connection Lower male, 1/4 NPT

Case Cast aluminum, black finished, stem-mounted flangeless

Ring 3 1/2" Dial Size: Friction type, steel, black finished
4 1/2" Dial Size: Friction type, 304 stainless steel

Window Clear glass

Pointer Adjustable, black finished

Dial Face Aluminum, white background with black graduations and markings

Accuracy ±1.0% Full Scale, ASME B40.100 Grade 1A

Maximum Temperature 250°F (121°C)

Approximate Shipping Weight

3 1/2" Dial Size:
0.7 lbs [0.32 kg]
4 1/2" Dial Size:
1.1 lbs [0.50 kg]

HOW TO ORDER

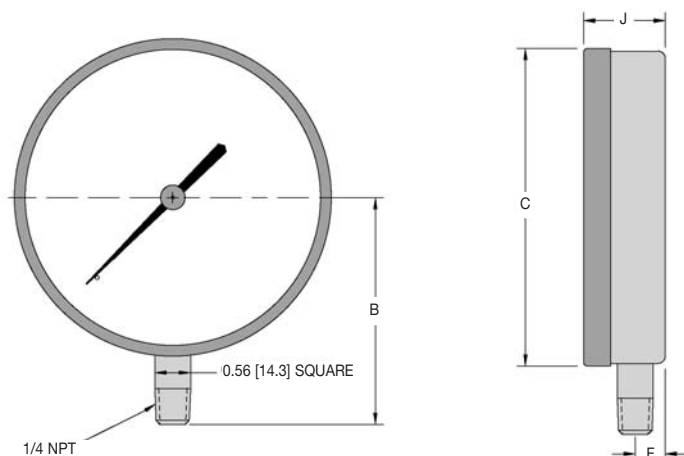
Sample Order Number: **600CB 35 02 L A 090**

Model	Dial Size	Connection Size	Connection Location	Units of Measure	Range Code
600CB	35 3 1/2" 45 4 1/2"	02 1/4 NPT	L Lower	A psi B kPa C kg/cm ² D psi/kPa E psi & kg/cm ²	See Standard Ranges

All dimensions are nominal. Dimensions in [] are in millimeters.

Cast Aluminum Case

COMMERCIAL • CONTRACTOR GAUGES



Dial Size	B	C	F	J
3 1/2"	3.06 [77.8]	3.88 [98.6]	0.44 [11.2]	1.22 [31]
4 1/2"	3.54 [89.9]	4.96 [126]	0.47 [11.9]	1.28 [32.5]

Standard Ranges

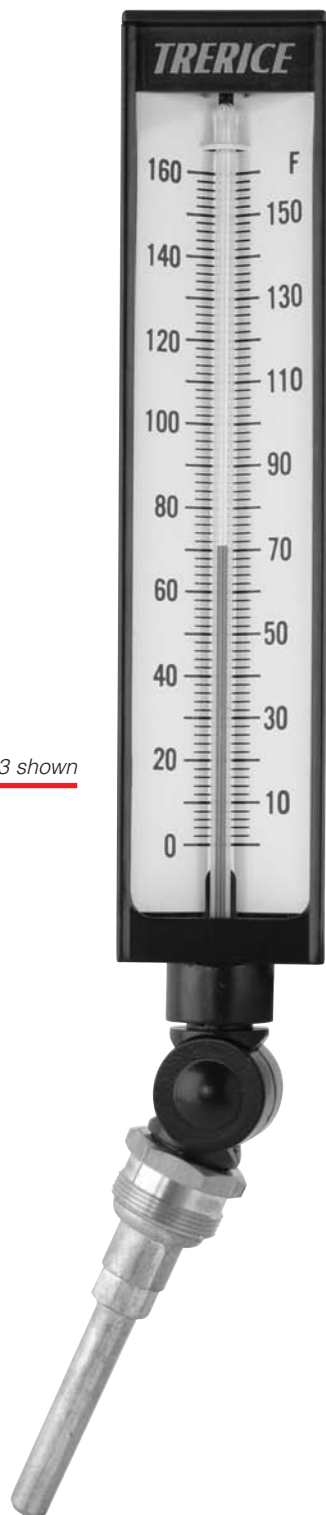
psi Ranges (A)				kPa Ranges (B)				kg/cm ² Ranges (C)			
Range Code	Specific Range (psi)	Figure Intervals	Minor Divisions	Range Code	Specific Range	Figure Intervals	Minor Divisions	Range Code	Specific Range	Figure Intervals	Minor Divisions
010	30" Hg to 0	5	0.5	010	-100 to 0 kPa	10	1	010	76 cm Hg to 0	10	0.5
020	30" Hg to 15 PSI	10/5	0.5/0.5	020	-100 to 100 kPa	20	2	020	76 cm Hg to 1 kg/cm ²	20/0.2	1/0.2
030	30" Hg to 30 PSI	10/5	1/1	030	-100 to 200 kPa	50	2	030	76 cm Hg to 2 kg/cm ²	20/0.5	2/0.2
040	30" Hg to 60 PSI	10/10	2/1	040	-100 to 400 kPa	50	5	040	76 cm Hg to 4 kg/cm ²	25/0.5	5/0.5
050	30" Hg to 100 PSI	30/20	2/2	050	-100 to 700 kPa	100	5	050	76 cm Hg to 7 kg/cm ²	76/1	5/0.1
060	30" Hg to 150 PSI	30/20	5/2	060	-100 to 1000 kPa	100	10	060	76 cm Hg to 10 kg/cm ²	76/1	15/0.1
070	30" Hg to 300 PSI	30/50	5/5	070	-100 to 2000 kPa	200	20	070	76 cm Hg to 21 kg/cm ²	76/2	19/0.2
080	0 to 15 PSI	3	0.2	080	0 to 100 kPa	10	1	080	0 to 1 kg/cm ²	0.1	0.01
090	0 to 30 PSI	5	0.5	090	0 to 200 kPa	20	2	090	0 to 2 kg/cm ²	0.2	0.02
100	0 to 60 PSI	10	1	100	0 to 400 kPa	50	5	100	0 to 4.2 kg/cm ²	0.5	0.05
110	0 to 100 PSI	10	2	110	0 to 700 kPa	100	5	110	0 to 7 kg/cm ²	1	0.05
120	0 to 160 PSI	20	2	120	0 to 1200 kPa	200	10	120	0 to 11 kg/cm ²	1	0.1
130	0 to 200 PSI	20	2	130	0 to 1500 kPa	300	10	130	0 to 14 kg/cm ²	2	0.1
140	0 to 300 PSI	50	5	140	0 to 2000 kPa	200	20	140	0 to 21 kg/cm ²	3	0.2
150	0 to 400 PSI	50	5	150	0 to 3000 kPa	300	20	150	0 to 28 kg/cm ²	4	0.2
160	0 to 600 PSI	100	10	160	0 to 4000 kPa	500	50	160	0 to 42 kg/cm ²	6	0.5
180	0 to 1000 PSI	100	20	180	0 to 7000 kPa	1000	50	180	0 to 70 kg/cm ²	10	0.5

For dual scale ranges, specify the appropriate **Units of Measure: D (psi/kPa) or E (psi & kg/cm²)** followed by the equivalent **A (psi) Range Code**. Other pressure ranges are also available including: Altitude, Ammonia, Refrigerant and Receiver. Consult Special Application Ranges section or factory for availability.

Adjustable Angle

7" • 9" • 12" Scale Sizes

INDUSTRIAL THERMOMETERS



BX91403 shown

- ▶ 7", 9", 12" Scale
- ▶ ± 1 Scale Division Accuracy
- ▶ Cast Aluminum Case
- ▶ Adjustable Angle Stem

Recognized globally as the Trerice "BX" Industrial Thermometer, this is an instrument of extreme accuracy and rugged dependability. Available in scale sizes of 7" (AX9), 9" (BX9), & 12" (CX9), with a durable cast aluminum case, this universally adjustable, liquid-in-glass thermometer is the most widely specified instrument of its kind.

- Optional features available:
Please consult the Options & Accessories Section for details.

Thermowell

- For applications where the process media may be corrosive or contained under pressure, the use of a thermowell is required to prevent damage to the thermometer and facilitate its removal from the process.
(Refer to page 152)

Specifications

Models	Scale Sizes	
AX9	7"	
BX9	9"	
CX9	12"	
Adjustable Angle		
Fill Type	Spirit: Blue colored, organic	
Case	Cast Aluminum, blue epoxy finish	
Stem	Aluminum, brass, 304 stainless steel or air-duct style available	
Connection	Standard: 1 1/4-18 UNEF-2A coupling nut	
	Air-Duct: Reversible mounting flange with 3 bolt holes	
Window	Acrylic on ranges to 300° F Glass on ranges over 300° F	
Tube	Lens front, magnifying type	
Scale	Aluminum, white background with black graduations and markings	
Top Plate	ABS	
Accuracy	±1 scale division	
Approximate Shipping Weight		
	AX9: 1.5 lbs [0.68 kg]	
	BX9: 1.6 lbs [0.73 kg]	
	CX9: 2.0 lbs [0.91 kg]	

HOW TO ORDER

Sample Order Number: **BX9 1 403 07**

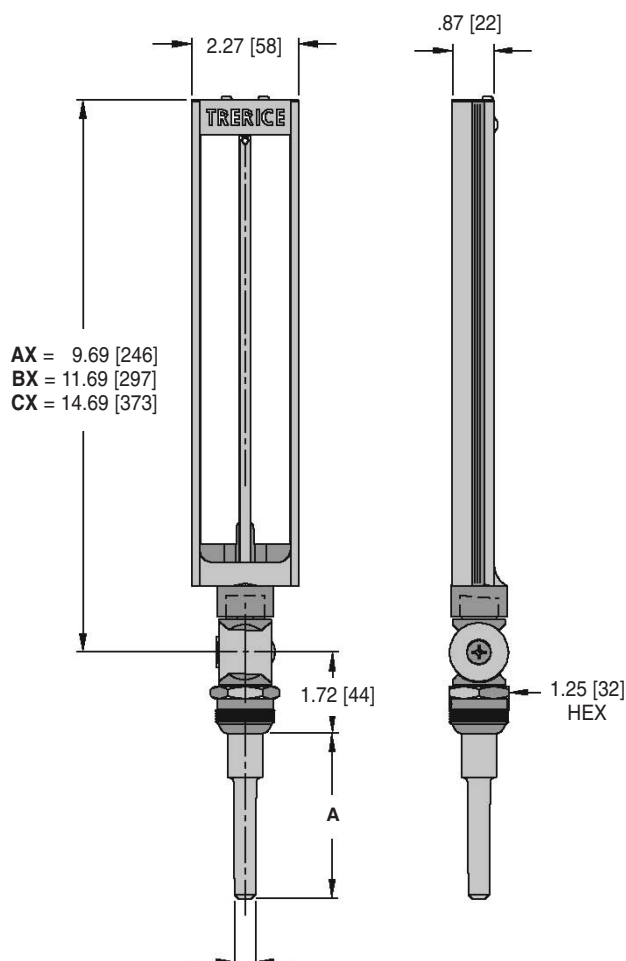
Model	Stem (Material)	Stem (Length)	Specific Range
AX9 7" Adjustable	1 Aluminum (standard)	403 3 1/2"	See Standard Ranges
BX9 9" Adjustable	2 Brass	406 6"	
CX9 12" Adjustable	3 304 SS	408 8"	
		512 12"	
	9 Air-Duct (Aluminum)*	006 6" Air-Duct 012 12" Air-Duct	

* Not for use with Thermowells

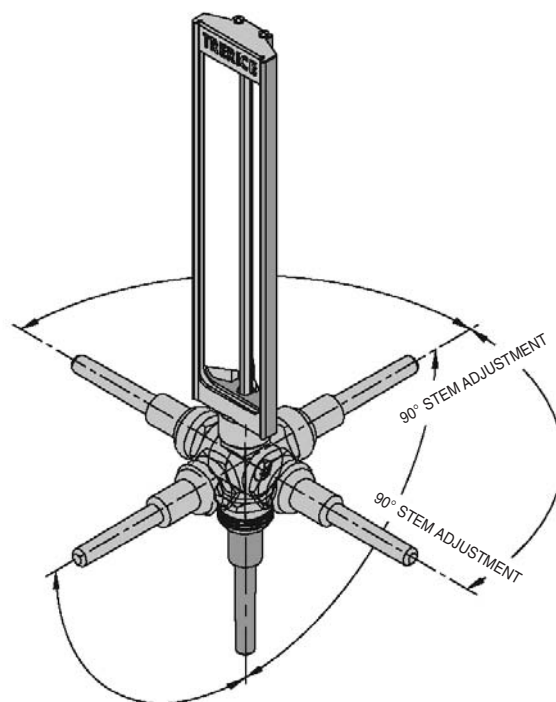
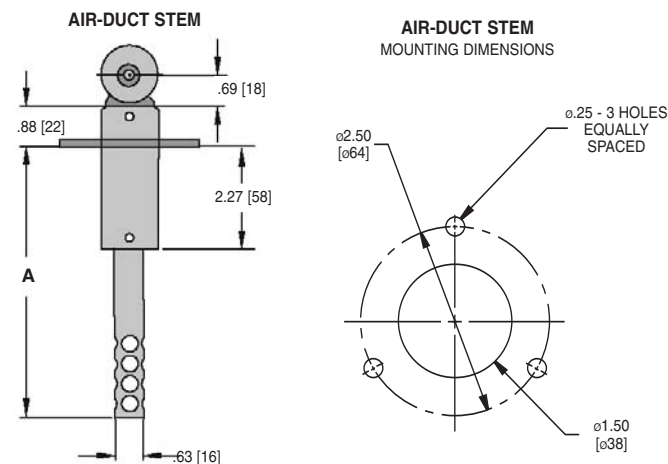
Adjustable Angle

All dimensions are nominal.
Dimensions in [] are in millimeters.

INDUSTRIAL THERMOMETERS



(A) Stem Length	Dimension
3 1/2"	3.50 [88.9]
6"	6.00 [152.4]
8"	8.00 [203.2]
12"	12.00 [304.8]



Standard Ranges

Fahrenheit Scale		Celsius Scale		Dual Scale		Fahrenheit		Celsius	
Range Code	Range	Range Code	Range	Range Code	Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
01	-40° to 110°F	17	-40° to 40°C	41	-40° to 110°F & -40° to 40°C	10°	2°	5°	1°
02	0° to 100°F	24	-18° to 38°C	42	0° to 100°F & -18° to 38°C	5°	1°	5°	0.5°
03	30° to 130°F	25	0° to 55°C	43	30° to 130°F & 0° to 55°C	5°	1°	5°	1°
04	0° to 160°F	26	-18° to 70°C	44	0° to 160°F & -18° to 70°C	10°	2°	5°	1°
06	30° to 180°F	27	0° to 83°C	46	30° to 180°F & 0° to 83°C	10°	2°	5°	1°
07	30° to 240°F	19	0° to 115°C	47	30° to 240°F & 0° to 115°C	10°	2°	5°	1°
08	30° to 300°F	20	0° to 150°C	48	30° to 300°F & 0° to 150°C	10°	2°	10°	2°
09	50° to 400°F	28	10° to 205°C	49	50° to 400°F & 10° to 205°C	25°	5°	10°	2°
15	50° to 500°F	31	10° to 260°C	55	50° to 500°F & 10° to 260°C	25°	5°	10°	2°

Dual scale figure intervals may differ

Thermowells

for Industrial Thermometers

All dimensions are nominal. Dimensions in [] are in millimeters.

THERMOWELLS

- SX9 Solar
- AX9, BX9, CX9 Adjustable Angle
- AX, BX, CX Rigid Stem
- BX Plus

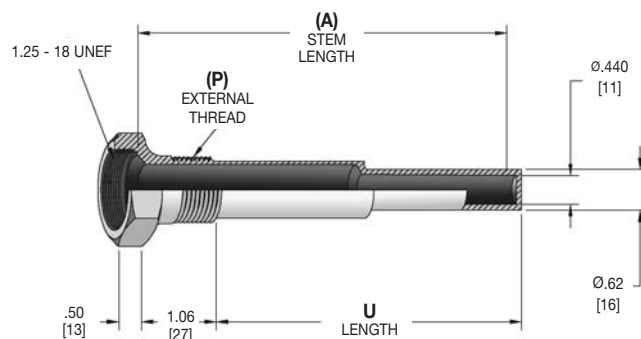
Lengths

	Standard	with Lagging Extension	
(A) Stem Length	U Length	(T)	U Length
3 1/2"	2.50 [64]	1.00 [25]	1.70 [43]
6"	5.00 [127]	2.50 [64]	2.50 [64]
8"	7.00 [178]	2.50 [64]	4.50 [114]
12"	10.50 [267]	3.00 [76]	7.50 [191]

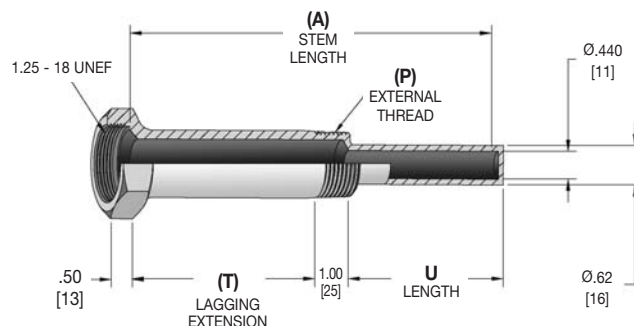
Pressure Rating (psi)

Material	Operating Temperature			
	70°F	200°F	400°F	600°F
Brass	640	575	100	—
Carbon Steel	720	690	660	630
304 Stainless Steel	940	850	770	740
316 Stainless Steel	940	940	875	850
Monel	900	825	740	730

Standard



with Lagging Extension



Alternative materials and accessories are also available. Please consult the Options and Accessories Section for details.

Selection of the proper thermowell is the sole responsibility of the user. Temperature and pressure limitations must be considered. Improper application may cause failure of the thermowell, resulting in possible personal injury or property damage.

HOW TO ORDER

Sample Order Number: **3-4 F 2**

Thermowell Style	(P) External Thread	(A) Stem Length	(T) Lagging Extension	Material
3- Industrial	3 1/2 NPT*	F 3 1/2" Stem**	A 1" Extension (3 1/2" Stem only)	2 Brass
	4 3/4 NPT	J 6" Stem	D 2 1/2" Extension (6" and longer Stem only)†	3 Steel
	5 1 NPT	L 8" Stem	Omit if None	4 Monel
		R 12" Stem		5 304SS
				6 316SS

* Only available with 3 1/2" stem and 1" extension.

** 3 1/2" stem Straight Shank.

† 3" extension on 12" stem.