ASHCROFT®

Bimetal Thermometers
Series CI, ASME B40.3
Grade A (±1% of span)

- ***Hermetically sealed***
- ***Tamper resistant***
- ***Maxivision® dial***
- ***±1% full-span accuracy (ASME B40.3 Grade A)***
- ***All-welded stainless steel construction***
- ***Silicone on the coil provides vibration dampening and superior time response***
- ***Heavy-duty glass standard; plastic or shatterproof glass optional***
- ***Limited five-year warranty***

This series is tamper proof, hermetically sealed and has the Maxivision® dial. The connection locations are rear and lower. The CI series of Ashcroft® industrial bimetal thermometers was designed for applications where external adjustment or pointer reset are not desired.

The hermetic seal prevents entry of moisture into the casing, thus minimizing the possibility of fogging inside the case. The Maxivision dial provides accurate temperature readings.

IN A RUSH? ASK FOR ASHCROFT GOLD SERVICE

SELECTION TABLE

Case Size		Style Code	Stem				Stem Lengths Available		Temperature Range					
Dial	Code		Connection	Code	Location	Code	"S" Length (inches)	Code	°F* Fahrenheit	°/Div.	Fig. Inter.	°C Celsius	°/Div.	Fig. Inter.
2″	20	CI	Plain	40	Rear	R	2½	025	–80/120	2	20	–50/50	1	10
			Pointed Plain	50	Rear	R			–20/120††			–20/120	2	20
			¼ NPT	60	Rear	R	4	040	30/130††	1	10	0/50††	1	5
3″	30		½ NPT	60	Rear	R	6	060	0/200	2	20	0/100	1	10
					Lower	L	9	090	0/250		50	10/150	2	20
5″	50		½ NPT	60	Rear	R	12	120	50/300			0/200		
							15	150	50/400	5		0/300	5	50
							18	180	50/550			50/450**†		
					Lower	L	24	240	200/700†			100/500**†		
									100/800†	10	100			
									200/1000**†					

*Dual scale ranges available for all standard °F ranges (3″ and 5″ case only)
**Satisfactory for continuous service up to 800°F or 425°C. Can be used for intermittent service from 800 to 1000°F, or 425 to 500°C.
Use Ashcroft Duratemp® thermometers for ranges above and below those listed above.
†Minimum stem length for these ranges is 4″.
††Minimum stem length for lower connection is 4″.

Thermowells must be used on all pressure or velocity applications, to protect the stem of thermometer from corrosion and physical damage, and to facilitate removal of the thermometer without disturbing the process.
Maximum ambient temperature is 200°F (95°C).

Overtemperature Limits	
Top of Range °F	Maximum Overtemperature
up to 250	100% of span
250/550	50% of span
550/1000	800°F **

TO ORDER THIS CI SERIES BIMETAL THERMOMETER:

Select: 30 CI 60 R 040 0/250°F XNH

1. Case Size: 3″ Code 30
2. Style: Code CI
3. Stem Conn: ½ NPT Code 60
4. Stem Location: Rear Code R
5. Stem Length: 4″ Code 040
6. Range: Code 0/250°F
7. Options: Stainless Steel Tag (see Page 210)

Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com

MADE IN U.S.A.