

ASHCROFT BIMETAL TEMPERATURE GAUGES

Ashcroft Gauges are known world-wide for their durability and reliability. JMS provides this simplified specification sheet for Ashcroft Bimetals.



#1	DESCRIPTION			
9A	External Adjustable Bimetal Thermometer			
#2	DIAL SIZE & MODEL			
20EI	2" Dial External Adjustable	30EL	3" Dial External Adjustable, Liquid Filled	
30EI	3" Dial External Adjustable	50EL	5" Dial External Adjustable, Liquid Filled	
50EI	5" Dial External Adjustable			
3#	STEM & CONNECTION			
40	Plain -- no connection		50	Pointed Stem -- No Connection
42	1/2" NPT with Ashcroft Union		60	Fixed Thread (1/2"NPT on 3" & 5"; 1/4"NPT on 2" Dials)
J42	1/2" NPT with JMS Union		70	Rotatable and Length Adjustable 1/2" NPT Adjustable Union
#4	CONNECTION LOCATION			
E	EveryAngle™ Connection			
R	Rear Connection			
L	Lower Connection -- not available with Liquid Filled.			
#5	STEM LENGTH* (to match thermowell, use thermowell's overall length minus 1/2")			
"	Length in Inches (specify in 1/2" increments as 090 for 9", 125 for 12.5")			
#6	SPECIAL OPTIONS (PICK ALL THAT APPLY & ADD X BEFORE 1ST OPTION)			
CS	Dual Scale	YW**	316 SS	
DM	Dial Marking (your logo here!)	C4	Individual Calibration	
NH	SS Tag	S1	Silicone Free	
PD*	Acrylic Window	3B	3/8" stem	
SG*	Safety Glass (preferred)	02***	Silicone Liquid Filled	

* Max Lgth 24" if liquid filled

* Not Available if liquid filled.
 ** Available only if EveryAngle Selected
 *** Only Available if Rear Connection Selected and not liquid filled

9A	30EI	60	E	90	XSGNH	(0-300F)
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#7	TEMPERATURE RANGES (STATE IN PARENTHESES PER NOTE 1 BELOW) - OTHER RANGES AVAILABLE, JUST ASK!!											
	°F Only		°C Only		Combined - °F Inner / °C Outer				Combined - °C Inner / °F Outer			
					°F (large)	°C (small)	°F (large)	°C (small)	°C (large)	°F (small)	°C (large)	°F (small)
-100/100*	0/500	-50/50*	0/120		-100/100*	-70/40	0/500	-20/260	-50/50*	-50/120	0/120	30/250
-80/120*	20/120**	-50/180*	0/150		-80/120*	-60/50	20/120**	-5/50	-50/180*	-50/350	0/150	30/300
-50/200*	30/130**	-40/100	0/200		-50/200*	-40/93	30/130**	0/55	-40/100	-40/210	0/200	30/400
-50/250*	30/240	-40/160	0/250		-50/250*	-40/120	30/240	0/115	-40/160	-40/320	0/250	30/480
-40/120	50/300	-30/70	0/300		-40/160	-40/70	50/300	10/150	-30/70	-20/160	0/300	30/570
-40/160	50/400	-20/180	10/150		-50/120	-30/50	50/400	10/200	-20/180	0/350	10/150	50/300
-20/120**	50/550	-10/50	0/400***		0/100	-20/40	50/550	10/290	-20/120	0/250	0/400***	30/750
0/100	0/700***	-10/110	0/500***		0/150	-20/65	0/700***	-20/370	-10/50	20/120	0/500***	30/390
0/150	100/800***	0/50**	50/450***		0/200	-20/93	100/800***	50/430	-10/110	20/230	50/450***	120/840
0/200	150/750***	0/60	100/500***		0/250	-20/120	150/750***	65/395	0/60	30/140	100/500***	220/930
0/250	200/700***	0/100			0/300	-20/150	200/700***	100/370	0/100	30/210		
0/300	200/1000***				0/350	-20/170	200/1000***	100/550				

* Liquid filled option not available for these temperature ranges.
 ** All Angle and Right Angle Mounts must be 5" dial size for these temperature ranges
 *** Dial size must be 5"

NOTE: If Dual Scale, state only the larger print inner temperature range (ex: if #6 is "D" and #7 is (0/300F) dial will be 0/300F Inner & -20/150C Outer). Continuous Operation at or above 800F (425C) not recommended. Where Temperature Range maximum value exceeds this temperature then intermittent service to maximum value is possible.