



2015 List Price Sheet Book

Effective February 1st, 2015

PRICE SHEET IS LINKED

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ROYAL GAUGES

Process (Royal) ⁽²⁾

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style		
	CODE	MATERIAL		"2" Poly. Safety	"4" Alum. Safety	"4" Alum. Safety
				DIAL SIZE		
			4½"	6"	8½"	
AA	1	Brass/Bronze	to 1000 psi		\$197.17	
AA	2	Monel	to 1000 psi	209.42	388.76	
			to 10,000 psi	252.87	414.39	
AA	4	316 SS	Vac/Comp. to 60 psi	107.83	274.03	\$394.34
			100 to 1000 psi	96.81	259.55	379.85
			to 10,000 psi	107.50	286.29	401.02
			to 20,000 psi	256.21	384.31	502.39
AS Hermetically Sealed	1	Brass/Bronze	to 1000 psi		238.38	
AS Hermetically Sealed	2	Monel	to 1000 psi	217.22	437.78	
			to 10,000 psi	260.66	455.60	
AS Hermetically Sealed	4	316 SS	Vac/Comp. to 60 psi	118.08	313.02	
			100 to 1000 psi	105.49	298.54	
			to 10,000 psi	118.08	325.27	
			to 20,000 psi	265.12	418.84	
AY ^(1,3) Liquid Filled	1	Brass/Bronze	to 1000 psi		255.09	
AY ^(1,3) Liquid Filled	2	Monel	to 1000 psi	242.84	465.63	
			to 10,000 psi	300.77	484.56	
AY ^(1,3) Liquid Filled	4	316 SS	Vac/Comp. to 60 psi	180.46	334.18	
			100 to 1000 ps	173.77	320.81	
			to 10,000 psi	209.42	350.89	
			to 20,000 psi	298.54	450.04	

(1) List prices of liquid-filled gauges include glycerin fill. For optional materials reference Gauge Options Table (pg. 9).

(2) 4½", 6", 8½" Royal Process Gauges in solid front safety cases (only).

(3) PD – plastic window and TS – throttle screw standard.

How To Order a Royal Process Gauge. . . example

3 DIGIT MODEL NO.			DIAL SIZE	CASE STYLE	RANGE CODE	CONNECTION TYPE	CONNECTION LOCATION	DIAL COLOR	VARIATIONS (OPTIONAL)
A	Y	4	4	2	P F	2	L	W	X

SAFETY SOLID FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			4½"	6"	
4	Surface	Aluminum Safety	\$29.30	Std.	
6	Flush	Aluminum Hinged	48.46	\$67.85	Back Conn. Only

• MINIMUM ORDER CHARGE \$100.00 NET • PRICES SUBJECT TO CHANGE WITHOUT NOTICE

REGAL GAUGES

Industrial (Regal)

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style				
				"Y" St. St. Flangeless	"2" Poly. Safety	"4" Alum. Safety	"4" Alum. Safety	"E" Alum. Flush
				DIAL SIZE				
	CODE	MATERIAL		3 1/2" (2)	4 1/2"	6"	8 1/2"	12" (5) Lower Connect Only
BA	1	Brass/Bronze(4)	to 1000 psi	\$67.85	\$84.33	\$190.49	\$323.05	
BA	4	316 SS	Vac/Comp. to 60 psi	78.54				\$682.85
			100 to 1000 psi	74.53				665.03
			to 10,000 psi	84.33				698.44
			to 20,000 psi(9)	87.23				727.41
BS Hermetically Sealed	1	Brass/Bronze(4)	to 1000 psi	67.85	93.02	223.90		
BS Hermetically Sealed	4	316 SS	Vac/Comp. to 60 psi	78.54				
			100 to 1000 psi	74.53				
			to 10,000 psi	84.33				
			to 20,000 psi(9)	87.23				
BY(1) Liquid Filled	1	Brass/Bronze(4)	to 1000 psi	70.74	115.85	245.07		
BY(1) Liquid Filled	4	316 SS	Vac/Comp. to 60 psi	86.22				
			100 to 1000 psi	82.33				
			to 10,000 psi	93.92				
			to 20,000 psi(9)	96.81				

- (1) List prices of liquid-filled gauges include glycerin fill. For optional materials reference Gauge Options Table (pg. 9).
- (2) 3 1/2" Regal gauges are offered in 1/4 NPT only.
- (3) Maximum range for 3 1/2" Regal is 15,000 psi.
- (4) 3 1/2" Regal supplied with bronze socket and 316 stainless tube.
- (5) 12" case style is coded "9". Only available with "E" case.

How To Order a Regal Industrial Gauge. . . example

3 DIGIT MODEL NO.	DIAL SIZE	CASE STYLE	RANGE CODE	CONNECTION TYPE	CONNECTION LOCATION	DIAL COLOR	VARIATIONS (OPTIONAL)
B A 1	6	4	P F	4	R	W	X

SAFETY SOLID FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			4 1/2"	6"	
4	Surface	Aluminum Safety	\$29.30	Std.	
6	Flush	Aluminum Hinged	48.46	\$67.85	Back Conn. Only

OPEN FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			3 1/2"	4 1/2"	
U	Flush	Stainless Steel U-Clamp	\$11.03	-	Back Conn. Only
V	Flush	Stainless Steel Front Flange	16.93	-	Back Conn. Only
X	Surface	Stainless Steel Back Flange	15.93	-	

REGAL GAUGES

Differential (Regal)*

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style	
	CODE	MATERIAL		"A" Alum. Back Flange	
				DIAL SIZE	
		4 1/2"	6"		
BC	1	Brass/Bronze	Differential	\$954.56	\$1151.82 Lower Conn. Only
BC	4	316 SS	Differential	1031.51	
BD	1	Brass/Bronze	Differential	953.53	1151.82 Lower Conn. Only
BD	4	316 SS	Differential	1031.51	

Only available with "A" case & 1/4 NPT lower connection.

Low Pressure Bellows

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style	
	CODE	MATERIAL		"2" Poly. Safety	
				DIAL SIZE	
		4 1/2"			
BL	1	Brass/Bronze	Bellows	\$359.24	
BL	4	316 SS	Bellows	728.52	

SAFETY SOLID FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			4 1/2"	6"	
4	Surface	Aluminum Safety	\$29.30	Std.	
6	Flush	Aluminum Hinged	48.46	\$67.85	Back Conn. Only

Duplex (Regal)*

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style ⁽¹⁾	Opt. Back Connect Case ⁽²⁾
	CODE	MATERIAL		"A" Alum. Back Flange	"W" Alum. Hinged
				DIAL SIZE	
		4 1/2"	4 1/2"		
BB	1	Brass/Bronze	Duplex	\$456.72	\$495.48

*Instrument connection available in 1/4 NPT only.

(1) Lower connect is offered in the "A" style case only.

(2) Back connect with an optional "W" case style.

How To Order . . . example

3 DIGIT MODEL NO.	DIAL SIZE	CASE STYLE	RANGE CODE	CONNECTION TYPE	CONNECTION LOCATION	DIAL COLOR	VARIATIONS (OPTIONAL)
B D 1	4	A	P H	4	L	W	X

REGAL GAUGES

100mm

GAUGE TYPE NO.	TUBE/SOCKET	MAXIMUM RANGE/TYPE	Standard Case Style	
			"Y" SS Flangeless	
			DIAL SIZE	
			100mm	
BA4CY*	316 SS	to 5000 psi	\$56.36	
BY4CY* Liquid Filled	316 SS	to 5000 psi	83.00	

*Plastic window standard.

Special Application Gauges

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style		
				"Y" SS Flangeless	"2" Poly. Safety	"4" Alum. Safety
				DIAL SIZE		
				3 1/2" (1) (4)	4 1/2" (2)	6"
AR	4	316 SS	Receiver	\$78.31	\$76.42	
BM	4	316 SS	Altitude	83.21	68.52	
BN	4	316 SS	Altitude	159.29	73.42	
BP	4	316 SS	Ammonia	78.31	132.56	\$184.92
BQ(5)	4	316 SS	Refrigeration	68.52	109.95	
RV(3)	1	Brass/Bronze	Reid Vapor		298.54	"4" Alum. Safety

- (1) 3 1/2" special application gauges offered with "Stainless Steel Open Front" case styles only.
- (2) 4 1/2" special application gauges offered with optional case styles #4 and #6 solid front safety only.
- (3) RV14 Reid Vapor offered in 1/4 NPT lower connection only.
- (4) 1/4 NPT only.
- (5) XTS - throttle screw standard.

How To Order a Special Application Gauge . . . example

3 DIGIT MODEL NO.	DIAL SIZE	CASE STYLE	RANGE CODE	CONNECTION TYPE	CONNECTION LOCATION	DIAL COLOR	VARIATIONS (OPTIONAL)
R V 1	4	4	P C	4	L	W	X

OPEN FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			3 1/2"	4 1/2"	
U	Flush	Stainless Steel U-Clamp	\$11.03	-	Back Conn. Only
V	Flush	Stainless Steel Front Flange	16.93	-	Back Conn. Only
X	Surface	Stainless Steel Back Flange	15.93	-	
Y	Direct	Stainless Steel Flangeless	Std.	-	

SAFETY SOLID FRONT CASES (Add to gauge list price)

CASE CODE	MOUNTING	CASE MATERIAL AND DESCRIPTION	DIAL SIZE		Notes
			4 1/2"	6"	
4	Surface	Aluminum Safety	\$29.30	Std.	
6	Flush	Aluminum Hinged	48.46	\$67.85	Back Conn. Only

Test Gauges

GAUGE TYPE NO.	TUBE/SOCKET		MAXIMUM RANGE/TYPE	Standard Case Style*	
				"4" Aluminum Safety Lower Conn. "6" Aluminum Safety Back Conn.	
				4 1/2"	6"
TA	1	Brass/Bronze	Test to 400 psi	\$296.31	\$354.24
TA	2	Monel	Test to 10,000 psi	413.28	509.08

*Lower connect available in #4 safety style case (only).
Back connect available in #6 safety style case (only).

ROYAL AND REGAL GAUGE OPTIONS

GAUGE OPTIONS (Add to gauge list price)

Code	Description	List Price Adder	Code	Description	List Price Adder
XNN	Paper Tag on Gauge	\$3.46	XSH	Red Set Hand	\$8.69
XNH	Stainless Steel Tag Wired to Gauge	14.15	XSJ	Dual Red Set Hand	15.71
XMN	Stainless Steel Tag Bonded to Gauge	21.51	XEP*	Maximum Indicating Hand	53.59
XOS ⁽¹⁾	Overload Stop	15.71	XEQ*	Minimum Indicating Hand	53.59
XVS ⁽¹⁾	Underload Stop	15.71	XSG	Safety Glass	16.93
XTS ⁽⁴⁾	Throttle Screw	7.80	XPD ⁽¹⁾	Plastic Window	7.91
XDM	Dial Markings	12.37	CD1	Certificate of Conformance	Std.
X6B ⁽²⁾	Cleaned for Oxygen Service	51.58	XC4	Calibration Certificate (each)	83.44
XGV ⁽³⁾	Silicone Filled	33.20			

*Not available in 3 1/2" Regal. (1) Standard in 3 1/2" (3) Not available with #2 style case
 (2) Consult factory for availability (4) Standard on BQ

GAUGE OPTIONS (Add to gauge list price)

Description	Type	Code	Contact Arrangements	List Price	
				4 1/2"	6
Electric Warning Contacts	2265	XED	High and Low Contact	\$338.64	\$373.17
		XEE	Double High Contact		
		XEF	Double Low Contact		
		XEG	"OFF" at Low & High, "ON" in Between		
	Type		Mounting Materials		
Flush Mounting Ring	1278M	56	Black (Flush Mounting Ring)	126.25	146.70
	1278MC	57	Polished Stainless Steel (Flush Mount)	161.52	187.14

Electric contacts not sold separately

LIQUID FILL CONVERSION COMPONENTS

Case Style	Part Description	Part Number	List
4 1/2" Polypro Case ⁽¹⁾	Acrylic Window	131A111-10	\$11.26
	Fill Label	250-2274A	.44
	Buna Bladder	171C214-01	6.24
	Throttle Screw (SS)	APF10320	2.01
4 1/2" Aluminum Safety Case	Acrylic Window	131A111-10	11.26
	Window O-Ring	185A106-25	3.23
	Rear Ring	158D132-01	5.02
	Fill Label	250-2274A	.44
	Buna Diaphragm	171C134-02	6.24
	Rear Cover (SS)	477C116-01	5.24
	Throttle Screw (SS)	APF10320	2.01

(1) For lower connection only.

2 1/2" Digital Gauge Stainless Steel Socket

TYPE NO.	STANDARD CONNECTION	VAC, COMPOUND, 0/30 THROUGH 0/19,999 PSI
WDG4251L	1/4 NPT Bottom	\$286.29

Shipment within 3 weeks.

ACCESSORIES

Gauge Boot Installed	\$7.25
Color	Code
Black	XB1
Orange	XB2

• MINIMUM ORDER CHARGE \$100.00 NET • PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ECONOMY UTILITY PRESSURE GAUGES

1½" through 3½"
DRY, STEEL CASE GAUGES

TYPE NO.	STANDARD CONNECTION	VAC/COMP. PRICE (H-M)	PRESSURE PRICE (A-G & N)
UA15	½ NPT Bottom	\$13.59	\$12.37
UA15	½ NPT Back	14.92	13.59
UA20	¼ NPT Bottom	13.59	12.37
UA20	¼ NPT Back	14.92	13.59
UA25	¼ NPT Bottom	16.04	14.92
UA25	¼ NPT Back	17.27	16.04
UA35	¼ NPT Bottom	25.84	24.63

1½" through 2½"
DRY, STEEL CASE PANEL GAUGES

TYPE NO.	STANDARD CONNECTION	VAC/COMP. PRICE (H-M)	PRESSURE PRICE (A-G & N)
UA15-UC	½ NPT Back	\$21.06	\$19.72
UA20-UC	¼ NPT Back	21.06	19.72
UA25-UC	¼ NPT Back	22.18	21.06

NOTE: Not all models are available as panel mount.
 Please contact factory for availability.

40mm (1½"), 50mm (2"), 63mm (2½") and 100mm (4") STAINLESS STEEL CASE, LIQUID FILLED GAUGES

TYPE NO.	STANDARD CONNECTION	VAC/COMP. PRICE (VC, CB-CE)	15-600 psi PRICE (PC-PM)	1000-6000 psi PRICE (PP-PV)	10,000 psi PRICE (PY)
Bronze Tube/Brass Socket					
BY10Y	½ NPT Back	\$34.42	\$33.31	\$36.87	—
BY11Y	¼ NPT Bottom	31.97	30.75	34.42	—
BY11Y	¼ NPT Back	34.42	33.31	—	—
BY12Y	¼ NPT Bottom	29.63	28.29	31.97	\$40.55
BY12Y	¼ NPT Back	30.75	29.63	33.31	41.88
BY14Y	¼ NPT Bottom	57.82	56.59	59.04	—
Stainless Steel Tube/Stainless Steel Socket					
BY40Y	½ NPT Back	\$125.88	\$123.65	—	—
BY41Y	¼ NPT Bottom	—	103.27	\$108.17	—
BY41Y	¼ NPT Back	—	116.97	—	—
BY42Y	¼ NPT Bottom	74.97	73.75	78.76	\$91.01
BY42Y	¼ NPT Back	85.99	84.88	91.01	97.14
BY45Y	¼ NPT Bottom	147.04	144.82	151.49	162.64

ACCESSORIES Panel Mounting Assembly

40mm U-Clamp Kit (P/N U-Clamp 40)	\$7.47
50mm U-Clamp Kit (P/N U-Clamp 50)	8.02
63mm U-Clamp Kit (P/N U-Clamp 63)	8.69

CONTRACTOR STAINLESS STEEL CASE

Type No.	Range	Price
EA14	30-600 psi	\$40.55

- MINIMUM ORDER CHARGE \$100.00 NET
- PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GAUGE ACCESSORIES

GAUGE COCKS

TYPE NO.	DESCRIPTION	TYPE	PRICE
A10	Brass	¼" Female Tee Handle	\$13.27
A10C	Chrome Plated	¼" Female Tee Handle	7.13
A10E	Heavy Duty	¼" Female Tee Handle	8.24
A11	Brass	¼" Male Female Lever Handle	13.37
A12	Brass	¼" Female Lever Handle	8.24
A20	Brass	½" Tee Handle	23.39

SIPHONS

TYPE NO.	NPT	DESCRIPTION	PRICE
A03I	¼"	Iron (SCH 40) 500 psi at 400°F	\$6.91
A03B	¼"	Brass 250 psi at 400°F	19.50
A03P	¼"	Chrome Plated Brass 250 psi at 400°F	18.39
CPS4	¼"	Steel (SCH 80) 1000 psi at 850°F	14.48
CPSS4	¼"	316 SS (SCH 80) 2000 psi at 1000°F	40.99
CPS2	½"	Steel (SCH 80) 1000 psi at 850°F	20.27
CPSS2	½"	316 SS (SCH 80) 2000 psi at 1000°F	83.10

NEEDLE VALVES

TYPE NO.	RATING	MATERIAL	NPT	PRICE
BBV4	600 psi at 500°F	Brass	¼"	\$11.80
SSV4	5000 psi at 500°F	303 Stainless Steel	¼"	46.45
AV34	500 psi at 150°F	Bronze	¼"	57.70
AV32	500 psi at 150°F	Bronze	½"	105.49
AV44	10,000 psi at 150°F	Carbon Steel	¼"	57.70
AV42	10,000 psi at 150°F	Carbon Steel	½"	68.85
AV74	4000 psi at 150°F	316 Stainless Steel	¼"	122.54
AV72	4000 psi at 150°F	316 Stainless Steel	½"	245.07

FILTER PRESSURE SNUBBERS

TYPE NO.	SERVICE	MAXIMUM PRESSURE	NPT	MATERIAL	PRICE
BW41	Air	1500 psi	¼" M x ¼" F	Brass	\$5.46
BW42	Water/Light Oil	1500 psi	¼" M x ¼" F	Brass	5.46
BW43	Heavy Oil	1500 psi	¼" M x ¼" F	Brass	5.46
SW41	Air	5000 psi	¼" M x ¼" F	SS	8.58
SW42	Water/Light Oil	5000 psi	¼" M x ¼" F	SS	8.58
SW43	Heavy Oil	5000 psi	¼" M x ¼" F	SS	8.58
A05D	Heavy Oil over 50 S.S.U.	15,000 psi	½" M x ½" F	SS	100.92
A05E	Water/Hydraulic Oil	15,000 psi	½" M x ½" F	SS	100.92

ADJUSTABLE PRESSURE SNUBBERS

TYPE NO.	MAXIMUM PRESSURE	NPT	MATERIAL	PRICE
MSB4	3000 psi	¼"	Brass	\$46.78
MSB2	3000 psi	½"	Brass	59.48
MSS4	5000 psi	¼"	316 SS	163.98
MSS2	10,000 psi	½"	316 SS	362.03

PISTON TYPE PRESSURE SNUBBERS

TYPE NO.	SERVICE	MAXIMUM PRESSURE	NPT	MATERIAL	PRICE
RS1	Air, Water, Steam	3000 psi	¼"	Brass	\$56.81
RS6	Oil, Water	5000 psi	½"	Brass	89.68
RS7	Light Corrosive Liquids	5000 psi	¼"	SS	98.25
RS8	Heavy Corrosive Liquids	5000 psi	½"	SS	114.73
RS9	Corrosive Liquid/Gas	10,000 psi	½"	SS	114.73

- MINIMUM ORDER CHARGE \$100.00 NET
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INDUSTRIAL BIMETAL THERMOMETERS

3" DIAL SIZE

ADJUSTABLE ANGLE ½" NPT FIXED CONNECTION	
CAT. NO.	PRICE
CF02	\$109.28
CF04	109.28
CF06	109.28
CF09	109.28
CF12	114.73
CF15	128.10
CF18	150.38
CF24	163.75

½" NPT BACK ANGLE (REAR)	
CAT. NO.	PRICE
3A02	\$51.02
3A04	51.02
3A06	51.02
3A09	51.02
3A12	54.92
3A15	62.27
3A18	70.17
3A24	83.67

½" NPT STRAIGHT (LOWER)	
CAT. NO.	PRICE
3S02	\$76.64
3S04	76.64
3S06	76.64
3S09	76.64
3S12	82.54
3S15	89.01
3S18	95.47
3S24	107.94

ADJUSTABLE ANGLE ½" NPT SWIVEL UNION*	
CAT. NO.	PRICE
CU02	\$152.62
CU04	152.62
CU06	152.62
CU09	152.62
CU12	157.06
CU15	168.21
CU18	191.60
CU24	204.97

* 6th digit in part number string must be "U"

5" DIAL SIZE

ADJUSTABLE ANGLE ½" NPT FIXED CONNECTION	
CAT. NO.	PRICE
AF02	\$113.62
AF04	113.62
AF06	113.62
AF09	113.62
AF12	121.42
AF15	131.45
AF18	153.73
AF24	168.21

½" NPT BACK ANGLE (REAR)	
CAT. NO.	PRICE
5A02	\$74.08
5A04	74.08
5A06	74.08
5A09	74.08
5A12	79.76
5A15	86.44
5A18	93.02
5A24	106.72

½.06" NPT STRAIGHT (LOWER)	
CAT. NO.	PRICE
5S02	\$103.94
5S04	103.94
5S06	103.94
5S09	103.94
5S12	110.62
5S15	119.19
5S18	126.99
5S24	138.13

ADJUSTABLE ANGLE ½" NPT SWIVEL UNION*	
CAT. NO.	PRICE
AU02	\$148.16
AU04	148.16
AU06	148.16
AU09	148.16
AU12	152.62
AU15	159.29
AU18	167.10
AU24	181.57

* 6th digit in part number string must be "U"

- MINIMUM ORDER CHARGE \$100.00 NET
- PRICES SUBJECT TO CHANGE WITHOUT NOTICE

POCKET TEST & LAB TEST THERMOMETERS

1" DIAL SIZE		2" DIAL SIZE	
CAT. NO.	PRICE	CAT. NO.	PRICE
1R05	\$12.81	2R08	\$19.72
		2T02	21.17
		2T04	21.17

CONVERSION KIT/ACCESSORIES

TYPE	CAT. NO.	PRICE
Retrofit Industrial Thermowell for Bimetal Thermometer	BIK-A	\$193.90
Flange	2F2	4.46

HEAVY DUTY BIMETAL THERMOMETERS

FORM	CAT. NO.	PRICE
Back Angle (Rear)	H3A2; H3A4; H3A6	\$210.53
Straight (Lower)	H3S2; H3S4; H3S6	221.68

304 SS WELLS FOR HEAVY DUTY BIMETAL THERMOMETERS

STEM LENGTH	OAL LENGTH	CAT. NO.	PRICE
2	3 1/4	W3G1	\$187.71
4	5 1/4	W5G1	On App.
6	7 1/4	W7G1	On App.

Threaded Type – 3/4-14 NPT male

OPTIONAL FEATURES

DESCRIPTION	OPTION CODE	ADDER
Liquid Filling for Catalog Nos. AF, 3A, 5A only	EL	\$78.64
3/8" Diameter Stem ⁽¹⁾	3B	6.58
Stem Lengths More Than 24" ⁽¹⁾		24" Stem Plus 26.18 for Each 6" Increment
3" Plastic Window	PD	7.91
5" Plastic Window	PD	12.37
3" Shatterproof Glass	SG	14.04
5" Shatterproof Glass	SG	15.05
Paper Tag	NN	3.46
Stainless Steel Tag	NH	14.15
Mounting Clip for 1" & 2"	TPC	4.01
Dial Markings	DM	12.37
Calibration Certificate	C4	83.44
Thermowell Attached ⁽²⁾	WX	36.87
Vent Case	VH	11.14

All options are for Industrial Bimetals except for the mounting clips.

(1) 1/4" stem diameter is standard up to 42" length. 3/8" stem diameter is standard over 42" length.

(2) N/A on item length greater than 6", union connections or flanged well.

- MINIMUM ORDER CHARGE \$100.00 NET
- PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ADJUSTABLE ANGLE DIGITAL THERMOMETER

STEM LENGTH	PART NUMBER	LIST PRICE
		WITHOUT WELL
3½"	AD35AFC	\$101.04
6"	AD60AFC	112.51
ACCESSORY		
Cover	AD-COVER	5.57

ADJUSTABLE ANGLE INDUSTRIAL GLASS THERMOMETERS – BLUE FILL

STEM LENGTH ⁽³⁾	7" SCALE	9" SCALE	RANGES UP TO 300°F (F1-F6, C1-C6 & D1-D6)	RANGES OVER 300°F (C4-C6, F7, F8, D7 & D8)
			VALOX CASE	ALUMINUM CASE
			LIST PRICE ^(1,4)	LIST PRICE ^(2,4)
			WITHOUT WELL	WITHOUT WELL
3½"	A735	A935	\$51.02	\$70.74
6"	A760	A960	67.51	87.23
9"	A790	A990	84.33	104.05

(1) Prices are for ranges up to and including 300°F with Valox® case.

(2) Ranges over 300°F require an aluminum case. Add \$19.72 list to each item over 300°F.

Aluminum case option available for ranges below 300°F. Add \$19.72 list to each item and add AL after the part number.

(3) 12" stem available. Please consult factory for pricing and delivery.

(4) Optional plastic window – add \$14.92 list and add PD after the part number.

AIR DUCT THERMOMETERS – BLUE FILL

STEM LENGTH ⁽¹⁾	7" SCALE	9" SCALE	LIST PRICE
3½"	D735	D935	\$124.37
6"	D760	D960	138.43
9"	D790	D990	155.74

(1) 12" stem available. Please consult factory for pricing and delivery.

NAVY/MARINE THERMOMETERS

CONN. LOCATION	STEM LENGTH	PART NUMBER	LIST PRICE
			WITHOUT WELL
Straight (Lower)	2"	S520L	\$51.70
	4"	S540L	58.83
90° Back (Rear)	2"	S520R	56.89
	4"	S540R	64.02

ECONOMY THERMOMETERS⁽¹⁾

CONN. LOCATION	PART NUMBER	LIST PRICE
Straight (Lower)	E520L	\$29.63
90° Back (Rear)	E520R	30.93

(1) Includes thermowell.

- MINIMUM ORDER CHARGE \$100.00 NET
- PRICES SUBJECT TO CHANGE WITHOUT NOTICE

THERMOWELLS FOR BIMETAL THERMOMETERS

3/4" NPT

THERMOMETER STEM LENGTH	THERMOWELL MATERIAL	CATALOG NO'S	PRICE
		STANDARD (NON-LAGGING)	
2 1/2"	Brass	S3B1	On
	304 SS	S3G1	Application
	316 SS	S3J1	
4"	Brass	S3B4	On
	304 SS	S3G4	Application
	316 SS	S3J4	
6"	Brass	S3B6	On
	304 SS	S3G6	Application
	316 SS	S3J6	

Brass thermowells are not recommended for installations involving high pressures and/or temperatures over 400°F.

OPTIONS

Description	Code
CAP & CHAIN	
Brass Material \$11.36	1
304SS Material 21.17	2

MARINE THERMOMETER THERMOWELLS

OVERALL LENGTH	STEM LENGTH	BRASS	LIST PRICE	304SS	LIST PRICE
3 1/4"	2"	N/A	—	W3G1	\$187.71
5 1/4"	4"	N/A	—	W5G1	On App.
3 1/4"	2"	W3B3	\$70.60	N/A	—
5 1/4"	4"	W5B3	On App.	N/A	—

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THERMOWELLS FOR GLASS THERMOMETERS AND ADJUSTABLE ANGLE DIGITAL THERMOMETERS 3/4" NPT STANDARD

THERMOMETER STEM LENGTH ⁽¹⁾	THERMOWELL MATERIAL ⁽³⁾	NON LAGGING	LIST PRICE	LAGGING TYPE	LIST PRICE
3 1/2"	Brass ⁽²⁾	G1E3D2	\$16.93	G1E3D2B	\$18.05
6"	Brass ⁽²⁾	G1M3D2	54.77	G1M3D2E	64.15
9"	Brass ⁽²⁾	G1S3D2	On Application	G1S3D2E	On Application

(1) 12" stem available. Please consult factory.

(2) Brass thermowells are limited to 400°F. Brass cap and chain available. See options above.

(3) Steel, 304 SS and 316 SS thermowells available on application.

• **MINIMUM ORDER CHARGE \$100.00 NET** • **PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

DIAL THERMOMETERS

GAS ACTUATED DIAL THERMOMETERS

A. Base Unit		Price	
413B	4½" Gas Actuated Remote Mount	\$361.66	
453B	4½" Gas Actuated Direct Mount	\$361.66	
B. Bulb Type			
3	¾" x 3" bulb with 12" Bendable, ½ NPT Swivel Nut Sliding Union	\$83.52	
8	¾" x 3" bulb with 18" Bendable, ½ NPT Swivel Nut Sliding Union	\$98.17	
A	¾" x 3" plain bulb with 13" Rigid Ext.	\$31.00	
C	½" x 6" Plain Bulb	\$31.00	
J	⅝" x 3½" 1"-20 Swivel Nut Sliding Union	\$51.66	
N	⅝" x 3" bulb with 12" Bendable, 1"-20 Swivel Nut	\$116.26	
4	¾" x 4" ½"-14 NPSM Swivel Nut (Direct Mount only)	n/c	
6	¾" x 6" ½"-14 NPSM Swivel Nut (Direct Mount only)	\$19.29	
9	¾" x 9" ½"-14 NPSM Swivel Nut (Direct Mount only)	\$32.03	
2	¾" x 12" ½"-14 NPSM Swivel Nut (Direct Mount only)	\$38.57	
C. Case Type			
P	4½" Polypropylene, Turret Type (lower and rear)	n/c	
A	4½" Aluminum Rear Flange Bayonet Ring (lower and rear)	\$24.11	
V	4½" Stainless Steel Front Flange Bayonet Ring (rear)	\$60.28	
W	4½" Aluminum Hinged Front Plastic Bezel (rear)	\$78.36	
X	4½" Stainless Steel Rear Flange Bayonet Ring (rear)	\$60.28	
Y	4½" Stainless Steel Flangeless Bayonet Ring (rear Variangle 453B)	\$42.19	
D. Connection Location			
L	Lower	n/c	
R	Rear	n/c	
C	Center back (Variable only)	n/c	
E. Armor			
S	Spring Armor per foot over 5 feet (up to 40 ft.)	\$8.49/per add'l foot	
I	Spiral Interlock (40-150 ft.)	1st 5 feet \$34.43 \$8.64/per add'l foot	
X	None		
F. Length			
00	None		
05	5 ft Capillary/Armor		
10	10 ft Capillary/Armor		
G. Range Code			
FR*	-320/100°F *Extra Charge	on application	
FS	-120/120°F		
FC	-40/180°F		
FF	0/120°F		
FI	0/300°F		
FL	20/240°F		
FN	50/550°F		
FO	50/750°F		
FQ*	400/1200°F *Extra Charge	on application	
Call Factory for Dual Scale Availability			
*On application, call factory for pricing.			
H. Options			
PD	Plastic Window	\$ 8.64	
SG	Safety Glass	\$18.09	
SH	Red Set Hand	\$ 8.69	
C4	Calibration Certificate	\$83.44	

• MINIMUM ORDER CHARGE \$100.00 NET • PRICES SUBJECT TO CHANGE WITHOUT NOTICE

THERMOWELLS

For 3/8" O.D. Bulb Gas Dials with 1/2" Union Connection

3/4" NPT

THERMOMETER STEM LENGTH	THERMOWELL MATERIAL	CATALOG NUMBERS		PRICE
		STANDARD (NON-LAGGING)		
4"	Brass	S3B4K	O N A P P L I C A T I O N	
	304 SS	S3G4K		
	316 SS	S3J4K		
6"	Brass	S3B6K		
	304 SS	S3G6K		
	316 SS	S3J6K		
9"	Brass	S3B9K		
	304 SS	S3G9K		
	316 SS	S3J9K		
12"	Brass	S3B2K		
	304 SS	S3G2K		
	316 SS	S3J2K		

1" NPT

THERMOMETER STEM LENGTH	THERMOWELL MATERIAL	CATALOG NUMBERS		PRICE
		STANDARD (NON-LAGGING)		
4"	Brass	S4B4K	O N A P P L I C A T I O N	
	304 SS	S4G4K		
	316 SS	S4J4K		
6"	Brass	S4B6K		
	304 SS	S4G6K		
	316 SS	S4J6K		
9"	Brass	S4B9K		
	304 SS	S4G9K		
	316 SS	S4J9K		
12"	Brass	S4B2K		
	304 SS	S4G2K		
	316 SS	S4J2K		

For 5/8" O.D. Bulb Gas Dials with
1"-20 NEF-2B Union Connection

3/4" NPT

PART NUMBER	"U" DIM.	WITHOUT LAGGING EXTENSION
		304 SS
D6E5F2	2 1/2"	\$192.38
D6M5F2	5"	227.27
D6S5F2	8"	On Application
D6T5F2	11"	On Application

