Pressure Specifications				Enclosure Type				
Adjustable Operating Range [in. Hg Vacuumpsi]‡	Adjustable Differential [psi] (Approximate Mid-Range Values)	Maximum psi		Maximum psi Type 4 & 13		4 &	Type 7 & 9 and 4 & 13Δ	
		Line Pressure	Occasional Surge Pressure§	Cat. No.	Cat. No.			
30 Vacuum75	220♣	160	160	836-A1J	836-A1E			
6140	335	280	340	836-A2J	836-A2E			
12250	665	500	600	836-A3J	836-A3E			
16375	895	750	850	836-A4J	836-A4E			

- \* Copper alloy bellows may be used on water or air, and other liquids or gases not corrosive to this alloy.
- ‡ For applications where settings approach 0 psi, select a control that has an adjustable range that goes into vacuum.
- § Transients (pulses) can occur in a system prior to reaching a steady-state condition. Surge pressures within published values generated during startup or shutdown of a machine or system, not exceeding eight times in a 24-hour period, are negligible.
- ♣ To determine differential in inches of mercury vacuum multiply value in table by 2.036 (or approximately 2).

Δ The combined Type 7 & 9 and 4 & 13 Hazardous Gas and Dust service enclosure is supplied with special gasket and O-ring seal to diminish/exclude moisture, fluids, and dust from entering the enclosure. Enclosures rated 7 & 9 only are not designed to restrict moisture from entering the enclosure, which is common to outdoor service. Enclosure is rated for the following environments:

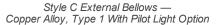
CLASS I Groups C,D

CLASS II Groups É,F,G CLASS III

## Style C External Bellows — Copper Alloy Bellows \* With 1/4 in. N.P.T.F. Internal Pipe Connection

Standard pressure controls shipped from the factory are set at the maximum operating range and minimum differential. For more information on standard pressure control settings and customer-specified pressure control settings, consult your local Rockwell Automation sales office or Allen-Bradley distributor.







Style C External Bellows — Copper Alloy, Type 4 & 13

Pressure Specifications				Enclosure Type		
Adjustable Operating Range [in. Hg Vacuum psi]‡	Adjustable Differential [psi] (Approximate Mid-Range Values)	Maximum psi		Open Type (Without Enclosure)	Type 1	Type 4 & 13
		Line Pressure	Occasional Surge Pressure§	Cat. No.	Cat. No.	Cat. No.
12 in. Vacuum8*	0.22.5♣	25	30	836-C1	836-C1A	_
30 in. Vacuum10	0.46.	65	75	836-C2	836-C2A	836-C2J
0.830	0.56	80	80	836-C3	836-C3A	836-C3J

30 in. Vacuum45	112♣	175	190	836-C4	836-C4A	836-C4J
280	112	190	210	836-C5	836-C5A	836-C5J
30 in. Vacuum100	225♣	300	375	836-C6	836-C6A	836-C6J
4150	2.525	300	375	836-C7	836-C7A	836-C7J
6250	445	500	650	836-C8	836-C8A	836-C8J
35375	680	900	1200	836-C9	836-C9A	836-C9J
50500	12115	1300	1600	836-C10	836-C10A	836-C10J
50650	16115	1300	1600	836-C11	836-C11A	836-C11J
200900	25115	1300	1600	836-C12	836-C12A	836-C12J

## Style C External Bellows — Copper Alloy Bellows ★ With 1/4 in. N.P.T.F. Internal Pipe Connection

Standard pressure controls shipped from the factory are set at the maximum operating range and minimum differential.

Pressure Specifications					Enclosure Type		
Adjustable Operating Range [in. Hg Vacuumpsi]‡	Adjustable Differential [psi] (Approximate Mid-Range Values)	Maximum psi		Type 4X	Type 7 & 9 and 4 & 13Δ		
		Line Pressure	Occasional Surge Pressure§	Cat. No.	Cat. No.		
12 in. Vacuum8♦	0.22.5♣	25	30	_	_		
30 in. Vacuum10	0.46♣	65	75	836-C2S	836-C2E		
0.830	0.56	80	80	836-C3S	836-C3E		
30 in. Vacuum45	112♣	175	190	836-C4S	836-C4E		
280	112	190	210	836-C5S	836-C5E		
30 in. Vacuum100	225♣	300	375	836-C6S	836-C6E		
4150	2.525	300	375	836-C7S	836-C7E		
6250	445	500	650	836-C8S	836-C8E		
35375	680	900	1200	836-C9S	836-C9E		
50500	12115	1300	1600	836-C10S	836-C10E		
50650	16115	1300	1600	836-C11S	836-C11E		
200900	25115	1300	1600	836-C12S	836-C12E		

<sup>\*</sup> Copper alloy bellows may be used on water or air, and other liquids or gases not corrosive to this alloy.

Δ The combined Type 7 & 9 and 4 & 13 Hazardous Gas and Dust service enclosure is supplied with special gasket and O-ring seal to diminish/exclude moisture, fluids, and dust from entering the enclosure. Enclosures rated 7 & 9 only are not designed to restrict moisture from entering the enclosure, which is common to outdoor service. Enclosure is rated for the following environments: CLASS I Groups C,D

CLASS II Groups E,F,G

CLASS III

<sup>‡</sup> For applications where settings approach 0 psi, select a control that has an adjustable range that goes into vacuum.

<sup>§</sup> Transients (pulses) can occur in a system prior to reaching a steady-state condition. Surge pressures within published values generated during startup or shutdown of a machine or system, not exceeding eight times in a 24-hour period, are negligible.

<sup>♣</sup> To determine differential in. Hg vacuum, multiply value in table by 2.036 (or approximately 2).

<sup>♦</sup> With 3/8 in. N.P.S.F. internal pipe connection.