

67C Series High-Pressure Regulators



W8810

Figure 1. 67C Series Regulators

Introduction

The 67C Series high-pressure regulators meet a variety of applications in liquid or vapor service. The compact body design makes the 67C Series particularly useful in installations with space limitations.

The basic 67C Series regulator comes equipped with a wrench or handwheel adjustment (67CW or 67CH Series). The highly accurate 67CD Series eliminates the need for a pressure gauge on portable applications by using calibrated scales on the spring case, allowing visual adjustment of outlet pressure. The non-adjustable 67CN Series provides a tamper-resistant spring case and one of three fixed setpoints: 10, 15, or 20 psi (0,69; 1,0; or 1,4 bar).

The 67C Series carries a UL listing as a high-pressure, non-relief regulator. This series contains brass materials that are not compatible with anhydrous ammonia service.

Features

- Compact
- High Stability
- UL Listed



Bulletin LP-7:67C

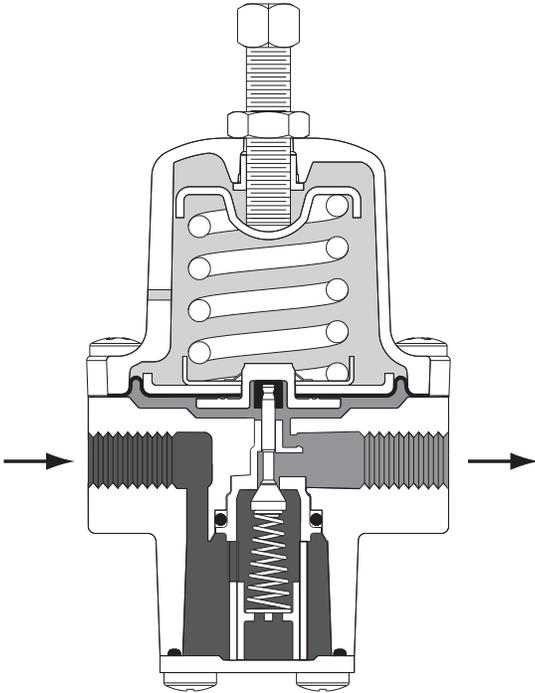
Specifications

<p>Maximum Allowable Inlet Pressure 250 psig (17,2 bar)</p> <p>Maximum Emergency Outlet Pressure 50 psig (3,4 bar) above outlet pressure setting</p> <p>Temperature Capabilities -40° to 180°F (-40° to 82°C)</p> <p>Outlet Pressure Range See Table 1</p>	<p>Body Size and End Connection Style 1/4-inch FNPT</p> <p>Spring Case Vent Location Aligned over inlet</p> <p>Options</p> <ul style="list-style-type: none"> • Wrench Adjustment • Handwheel Adjustment • Dial Cap Adjustment • Tamper-Resistant, Non-Adjustable Spring Case • Outlet Pressure Gauge
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Table 1. Regulator Specification and Ordering Information

OUTLET PRESSURE SETTING, PSIG (bar)	SPRING RANGE, PSIG (bar)	INLET AND OUTLET CONNECTIONS	CAPACITY IN BTU/HR OF PROPANE ⁽¹⁾	ADJUSTMENT STYLE AND TYPE NUMBER	
				Wrench	Handwheel
----	----	1/4-inch FNPT	----	Dial Cap	
15 (1,0)	3 to 20 (0,21 to 1,4)		675 000	67CW-683	67CH-751
20 (1,4)	3 to 35 (0,21 to 2,4)		750 000	67CW-684	67CH-743
40 (2,8)	30 to 60 (2,1 to 4,1)		1 200 000	67CW-685	67CH-742
50 (3,4)	50 to 135 (3,4 to 9,3)		1 000 000	67CW-701	67CH-741
----	----		----	Dial Cap	
15 (1,0)	5 to 20 (0,34 to 1,4)		675 000	67CD-100	
40 (2,8)	20 to 50 (1,4 to 3,4)		1 200 000	67CD-102	
50 (3,4)	40 to 100 (2,8 to 6,9)		1 000 000	67CD-103	
----	----		----	Non-Adjustable	
10 (0,69)	Non-Adjustable		400 000	67CN-106	
15 (1,0)			600 000	67CN-104	
20 (1,4)			750 000	67CN-105	

1. Based on inlet pressure 20 psig (1,4 bar) greater than outlet with 20% droop. Liquid capacity equals 3 to 5 GPH (11,4 to 18,9 l/h).



TYPE 67C

W8442

INLET PRESSURE
 OUTLET PRESSURE
 ATMOSPHERIC PRESSURE

Figure 2. 67C Series Regulator Operational Schematic

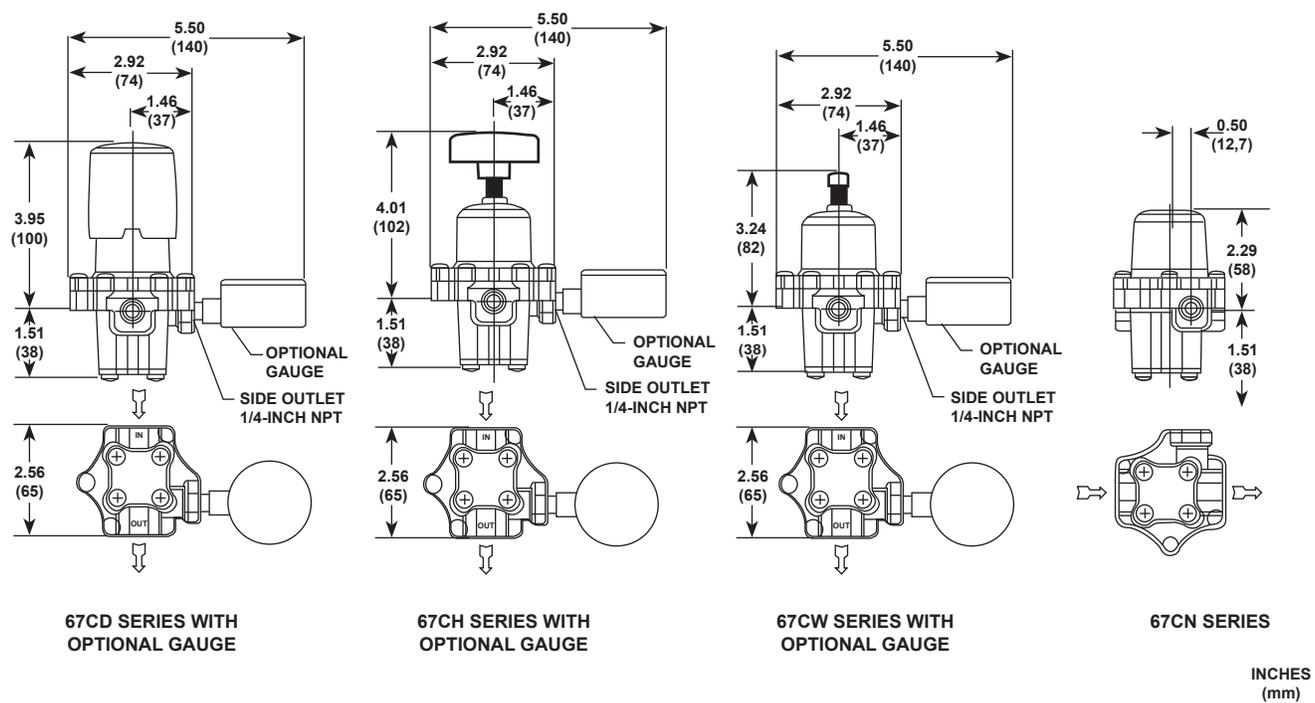


Figure 3. 67C Series Regulator Dimensions

Bulletin LP-7:67C

LP-Gas Equipment

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