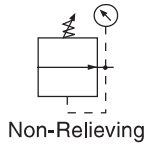
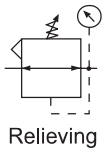


R34 Regulators – Miniature



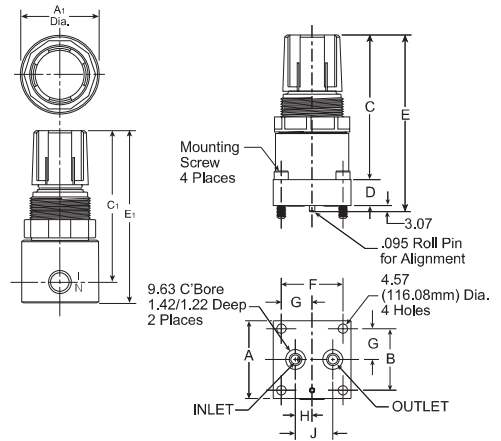
R344-02C



R342-0MC

Features

- Diaphragm operated for fast operation
- Large Diaphragm to valve area ratio for precise regulation and high flow capacity
- Balanced valve design for precise regulation
- Available in 2 or 4 port design
- Available with a manifold mount to minimize plumbing
- Suitable for low temperature applications
- Non-rising adjusting knob
- 1/8" - 17 SCFM*
- 1/4" - 19 SCFM*

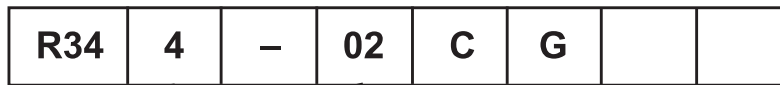


R34 Miniature Regulator Dimensions				
A	A1	B	B1	C
1.50 (38.1)	1.54 (39.2)	1.188 (30.18)	1.56 (39.6)	2.75 (69.9)
C1	D	E	E1	F
2.70 (68.6)	.50 (12.7)	3.25 (82.6)	3.25 (82.6)	1.20 (30.5)
G	H	J		
.60 (15.2)	.32 (8.1)	.73 (18.5)		

Model Type	Port Size	Without Gauge	Without Gauge	Without Gauge	With Gauge	With Gauge	With Gauge
		0 to 30 psig (0.0 to 2.1 bar)	0 to 60 psig (0.0 to 4.1 bar)	0 to 125 psig (0.0 to 8.6 bar)	0 to 30 psig (0.0 to 2.1 bar)	0 to 60 psig (0.0 to 4.1 bar)	0 to 125 psig (0.0 to 8.6 bar)
Relieving	1/8"	R344-01A	R344-01B	R344-01C	R344-01AG	R344-01BG	R344-01CG
	1/4"	R344-02A	R344-02B	R344-02C	R344-02AG	R344-02BG	R344-02CG
	Manifold Mount	R342-0MA	R342-0MB	R342-0MC	—	—	—

Standard part numbers shown bold.
 For other models refer to ordering information below.
 * SCFM = Standard cubic feet per minute at 100 psig inlet,
 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information



Number of Ports 2 2 Ports 4* 4 Ports	Thread - NPT G BSPP	Port 01 1/8" 02 1/4" 0M Manifold Mount	Pressure Range A 0-30 PSI B 0-60 PSI C 0-125 PSI	Options Blank No Options G Gauge K Non-Relieving Diaphragm P Panel Mount Nut	Options Blank No Options L† Preset Non-Adjustable M† Preset Adjustable	Preset Blank None XXX* Preset Pressure
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* Not Available with Manifold Mount.

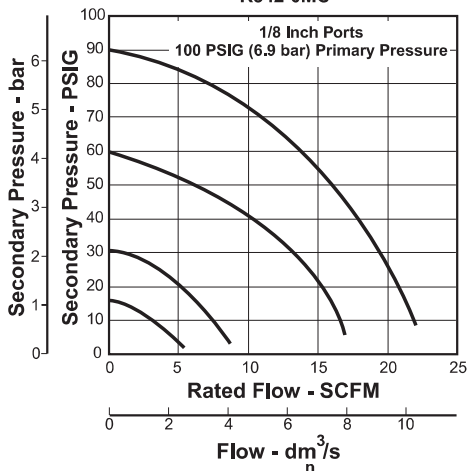
† Inlet Pressure is 100 psig. For other pressures, contact factory.
 * Available Preset Range, 10 to 90 psig in 5 psig increments. For higher pressures, contact factory. (Example: 065 = 65 psig)

BOLD ITEMS ARE MOST POPULAR.

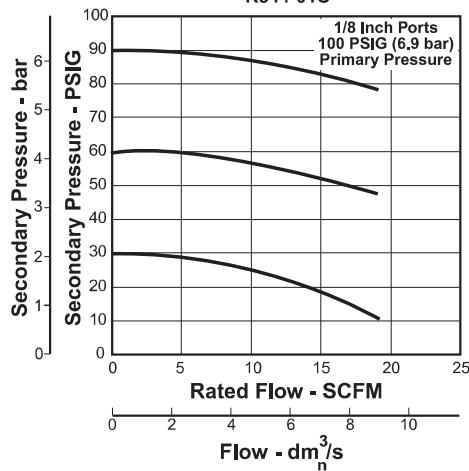


Technical Information

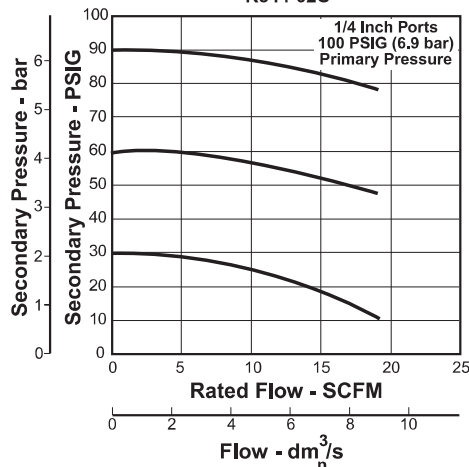
**Relief And Flow Characteristics
R342-0MC**



**Relief And Flow Characteristics
R344-01C**



**Relief And Flow Characteristics
R344-02C**



CAUTION:
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

WARNING
Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed maximum primary pressure rating.

R34 Regulator Kits and Accessories

- Diaphragm Assembly – Non-relieving GRP-96-726
- Relieving GRP-96-725
- Spring, Regulating – 0 to 30 psig (0 to 2.1 bar) GRP-95-111
- 0 to 60 psig (0 to 4.1 bar) GRP-96-718
- 0 to 125 psig (0 to 8.6 bar) GRP-96-717
- Panel Mount Nut – Aluminum R05x51-A
- Plastic R05x51-P
- Mounting Bracket Kit – (Includes Panel Mount Nut) SA161x57
- Gauges – 0 to 60 psig (0 to 4.1 bar),
1-1/2" Dial Face, 1/8 NPT, CBM K4515N18060
- 0 to 160 psig (0 to 11.0 bar),
1-1/2" Dial Face, 1/8 NPT, CBM K4515N18160
- Tamperproof Knob Kit P31KB00AT

Materials of Construction

- Body Aluminum
- Bonnet Acetal
- Diaphragm & Seals Nitrile
- Valve Assembly Brass
- Springs Steel
- Panel Nut Acetal

Specifications

- Operating Temperature -40° F to 150° F (-40° C to 65.5° C)
- Supply Pressure 300 psig Maximum (20.4 bar)
- Port Threads 1/8, 1/4 Inch
- Gauge Ports (2) Std 1/8 Inch
(No Gauge Port Version Available)
- Weight 25 lbs. (0.11 kg)

