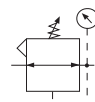
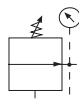


## R34 Regulators – Miniature

- Diaphragm operated for fast response
- 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", 1/4" ports (NPT, BSPP)



Relieving



Non-Relieving



R344-02C



R342-0MC

Port Size	Description	Part Number	
		Without Gauge	With Gauge
1/8"	Relieving, 0 to 30 psig	<b>R344-01A</b>	<b>R344-01AG</b>
1/8"	Relieving, 0 to 60 psig	<b>R344-01B</b>	<b>R344-01BG</b>
1/8"	Relieving, 0 to 125 psig	<b>R344-01C</b>	<b>R344-01CG</b>
1/4"	Relieving, 0 to 30 psig	<b>R344-02A</b>	<b>R344-02AG</b>
1/4"	Relieving, 0 to 60 psig	<b>R344-02B</b>	<b>R344-02BG</b>
1/4"	Relieving, 0 to 125 psig	<b>R344-02C</b>	<b>R344-02CG</b>
Manifold	Relieving, 0 to 30 psig	<b>R342-0MA</b>	–
Manifold	Relieving, 0 to 60 psig	<b>R342-0MB</b>	–
Manifold	Relieving, 0 to 125 psig	<b>R342-0MC</b>	–

### Operating information

Supply pressure (max):	300 psig (0 to 20.7 bar)
Operating temperature:	-40°F to 150°F (-40°C to 65.5°C)
Flow capacity†:	
High flow	1/8" 17 scfm (8.0 dm³/s, ANR)
	1/4" 19 scfm (8.9 dm³/s, ANR)
Gauge ports (2):	1/8 inch (no gauge port version available)
Weight:	0.25 lb (0.11 kg)

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

### Ordering Information:

<b>R34</b>	<b>4</b>	<b>–</b>	<b>02</b>	<b>C</b>	<b>G</b>		
<b>Number of Ports</b> 2 Ports 2 4 Ports 4* * Not available with manifold mount.		<b>Thread</b> NPT – BSPP G		<b>Port</b> 1/8 inch 01 1/4 inch 02 Manifold Mount 0M		<b>Preset</b> Blank None XXX* Preset Pressure * Available preset / pressure limited range, 10 to 90 psig in 5 psig increments. For higher pressures, contact factory. (Example: 065 = 65 psig)	
		<b>Pressure Range</b> 0 to 30 psi A 0 to 60 psi B 0 to 125 psi C		<b>Options</b> Blank No Options L† Preset Non-Adjustable M† Preset Adjustable † Inlet pressure is 100 psig. For other pressures contact factory.		<b>Options</b> Blank No Option G Gauge K Non-Relieving Diaphragm N Unbalanced P Panel Mount Nut X64 Fluorocarbon Elastomers	

Most popular.



For inventory, lead times, and kit

K6

Parker Hannifin Corporation  
Pneumatic Division

## Miniature Regulators

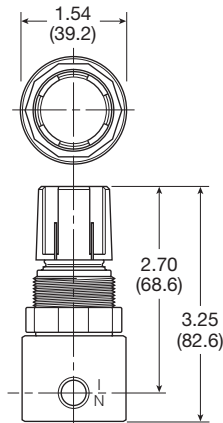
### Material Specifications

Body	Aluminum
Bonnet	Acetal
Diaphragm & seals	Nitrile
Valve assembly	Brass
Springs	Steel
Panel Nut	Acetal

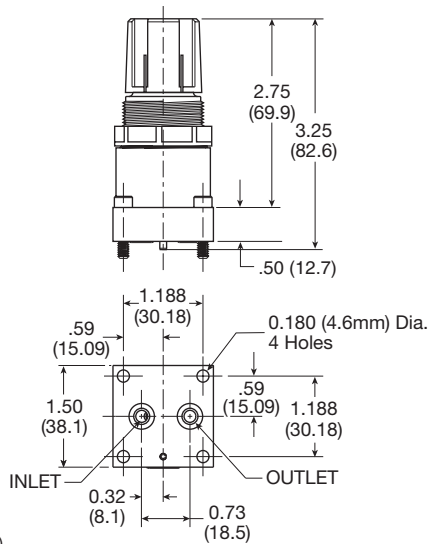
### Repair and Service Kits

Diaphragm assembly, non-relieving	GRP-96-726
Diaphragm assembly, relieving	GRP-96-725
0 to 30 psig (0 to 2.1 bar), spring, regulating	GRP-95-111
0 to 60 psig (0 to 4.1 bar) spring, regulating	GRP-96-718
0 to 125 psig (0 to 8.6 bar) spring, regulating	GRP-96-717
Panel mount nut, aluminum	R05X51-A
Panel mount nut, plastic	R05X51-P
Mounting bracket kit (includes panel mount nut)	SA161X57
1-1/2" Dial Face, 1/8 NPT, CBM, 0 to 60 psig (0 to 4.1 bar), gauge	K4515N18060
1-1/2" Dial Face, 1/8 NPT, CBM, 0 to 160 psig (0 to 11.0 bar), gauge	K4515N18160
Tamperproof knob kit	P31KB00AT

#### R342 / R344



#### R342-0MC

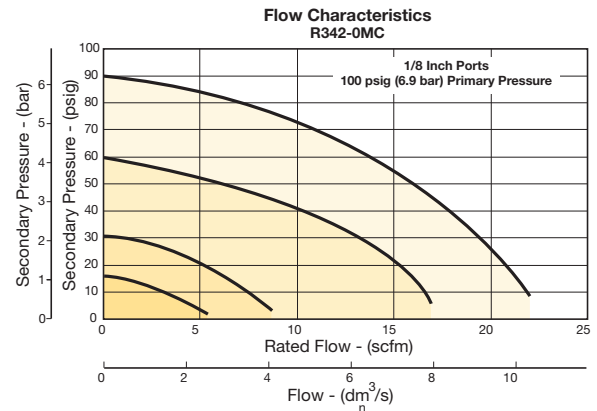


Inches (mm)

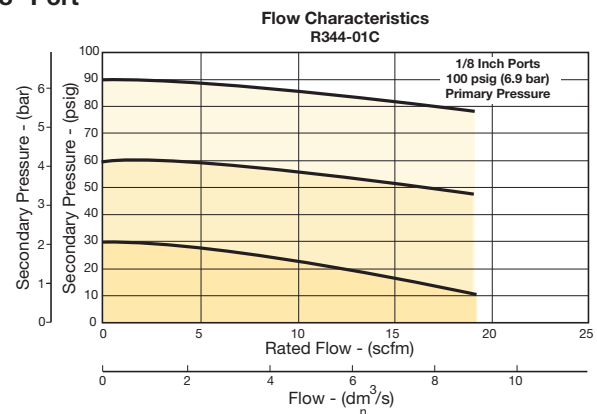
## R34 Series

### Flow Charts

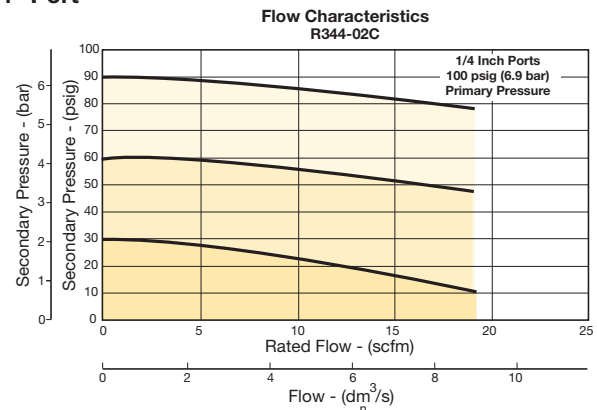
#### 1/8" Manifold Mount



#### 1/8" Port



#### 1/4" Port



### WARNING

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

### 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.



For inventory, lead times, and kit