

## Miniature Series Regulators

The Miniature Series Regulators are designed for applications where space is limited and flow requirements are low. They excel in control panels and miniature circuitry. Each unit can be disassembled by hand for easy maintenance.

### FEATURES

- ◆ Available in 0-125 PSI, 0-50 PSI or 0-20 PSI pressure ranges.
- ◆ Reliable low friction "U" cup piston seal.
- ◆ 1/8" gauge ports can be used for secondary outlets.
- ◆ Built in self-relieving feature prevents excessive downstream pressure build-up.
- ◆ Adjusting knob locks in place to maintain pressure setting.
- ◆ Panel mount and gauge options available.

Supply 100 PSI Regulated Pressure	Pressure Drop		
	5	10	15
25	4	8	11
50	3	9	11
75	2	6	9

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Note: All values are approximate.

### Ordering Information:

Pipe Size	Model
1/8"	MR1
1/4"	MR2

### Options:

Options	Suffix
Gauge	G
Extra Low Pressure Spring (0-20) PSI	J
Low Pressure Spring (0-50) PSI	L
Panel Mount	P

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.



### Specifications

Maximum Supply Pressure: **250 PSI**  
 Maximum Temp.: **250° F**  
 Materials:  
 Adjusting Knob: **High-Impact Plastic**  
 Body: **Zinc Die Cast**  
 Height: **2 7/8"**  
 Maximum Diameter: **1 1/2"**  
 Weight: **0.55 oz.**  
 Regulator Pressure Ranges:  
**0-125 - Standard**  
**0-50 - Optional**  
**0-20 - Optional**

## Miniature Series Lubricators

The Miniature Series Lubricators are designed for applications where space is limited and flow requirements are low. They excel in control panels and miniature circuitry. Each unit can be disassembled by hand for easy maintenance.

### FEATURES

- ◆ Adjustment cap is removable to lock delivery rate in place.
- ◆ Oil delivery is constant with both steady and pulsating air flows.
- ◆ Clear drip tube gives visual indication of oil flow.
- ◆ Metal bowl option.

Supply Pressure	Pressure Drop				
	1	2	3	4	5
25 PSI	.75	1.5	2.0	4.5	6.5
50 PSI	1	2.75	4.5	6.75	8
75 PSI	1.5	3.5	5.75	7.75	10
100 PSI	1.75	4.5	7	9	11

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Note: All values are approximate.

### Ordering Information:

Pipe Size	Model
1/8"	ML1
1/4"	ML2

### Options:

Options	Suffix
Metal Bowl	M

Options are indicated by adding a dash followed by the corresponding suffix(es) in alphabetical order to the model number.

**WARNING:** Although polycarbonate bowls are capable of withstanding extreme physical abuse, they are susceptible to damage and may possibly burst when subjected to some cleaning products and synthetic oils, particularly phosphate esters. Should there be any questions regarding their compatibility with your applications, consult the factory or use a metal bowl.



### Specifications

Maximum Supply Pressure:  
 Plastic Bowl: **150 PSI**  
 Metal Bowl: **250 PSI**  
 Materials:  
 Plastic Bowl: **Polycarbonate**  
 Metal Bowl: **Zinc Die Cast**  
 Body: **Zinc Die Cast**  
 Height: **.5"**  
 Maximum Diameter: **1 1/2"**  
 Bowl Capacity: **1.5 oz.**