



Air Preparation Products

Global

Prep-Air II

Miniature

P3N

General Industrial

Stainless Steel

Precision / Proportional

Bulk Liquid Separators

## R119 General Industrial Regulators

### R119

- High flow performance featuring rugged design for the most demanding applications
- Diaphragm operated design with balanced poppet design for quick and accurate regulation
- Heavy duty tee handle adjustment
- Reverse flow version available



### R119 Hi-Flow Regulators



Port size	Gauge	Flow (SCFM)		Part number (NPT), Relieving
		R119	R119	
3/4"	No	300		<b>R119-06C/M2</b>
1"	No	400		<b>R119-08C/M2</b>
1-1/4"	No	500		<b>R119-10C/M2</b>
1-1/2"	No	500		<b>R119-12C/M2</b>
3/4"	125 PSI	300		<b>R119-06CG/M2</b>
1"	125 PSI	400		<b>R119-08CG/M2</b>
1-1/4"	125 PSI	500		<b>R119-10CG/M2</b>
1-1/2"	125 PSI	500		<b>R119-12CG/M2</b>



R119

### Operating information

Pressure rating, maximum:	300 PSIG (20.4 bar)
Reduced pressure range:	2 to 125 PSIG 0.15 to 8.5 bar
Temperature rating:	40°F to 125°F (4.4°C to 52°C)

### Material specifications

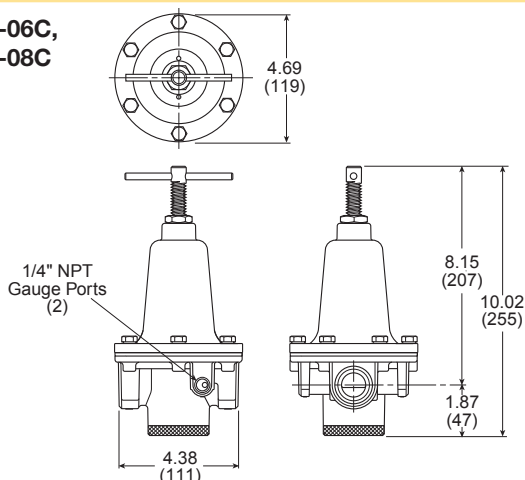
Description	R119
Adjusting screw	Steel
Body	Zinc
Bottom plug, inner valve	Brass
Seals	Buna N
Springs – poppet & control	Steels

### Service kits

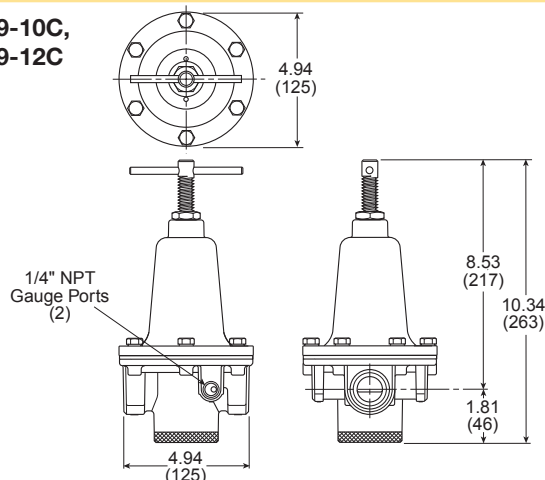
Gauges –	60 PSIG (0 to 4.1 bar)	<b>K4520N14060</b>
	160 PSIG (0 to 11.0 bar)	<b>K4520N14160</b>
	300 PSIG (0 to 20.0 bar)	<b>K4520N14300</b>
	44mm (1-3/4") digital round 1/4" center back mount	<b>K4517N14160D</b>
Mounting bracket kit		<b>18B57</b>
Repair kits –	Non-relieving (1-1/4", 1-1/2")	<b>RK118B</b>
	Relieving (3/4", 1")	<b>RK119B</b>
	Relieving (1-1/4", 1-1/2")	<b>RK119D</b>

### Dimensions

#### R119-06C, R119-08C



#### R119-10C, R119-12C



#### WARNING

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

Most popular.

#### 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.

