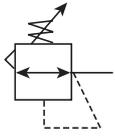
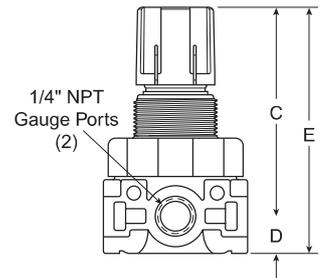
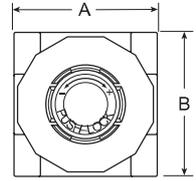


R45, R46 Regulators – Miniature (Air / Water Service)



Features

- Lightweight Plastic Body
- Constructed with a Combination of N.S.F. and F.D.A. Approved Materials
- Unbalanced Poppet Standard
- Non-rising, Push-to-lock Adjusting Knob
- Compact, 3.43 inch (87.1mm) high by 2.06 inch (52.3mm) wide
- Lightweight
- Diaphragm Operated



D

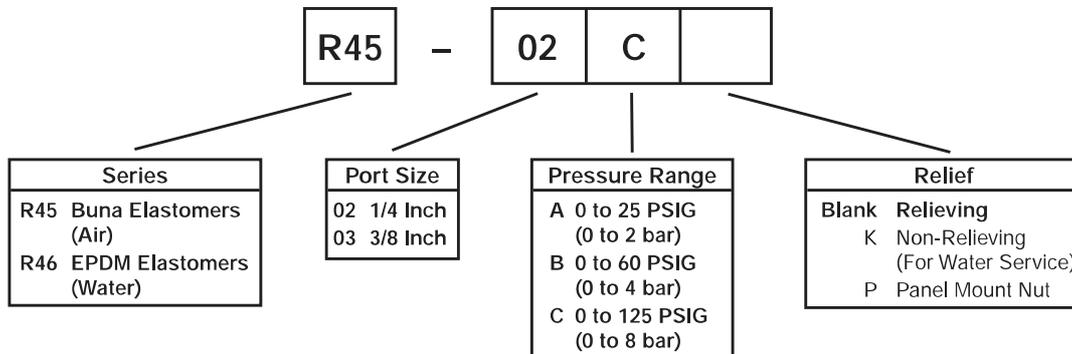
Port Size	NPT	
	Air Service Relieving	Water Service Non-Relieving
	Relieving, 0-125 Reduced Pressure, Without Gauge	
1/4"	R45-02C	R46-02CK
3/8"	R45-03C	R46-03CK

R45, R46 Regulator Dimensions		
A 2.06 (52)	B 2.06 (52)	C 2.90 (74)
D 0.53 (14)	E 3.43 (87)	

Bold Items are Most Popular.
 For other models refer to ordering information below.
 NOTE: 1.250 Dia. (31.8mm) hole required for panel mounting.

Inches (mm)

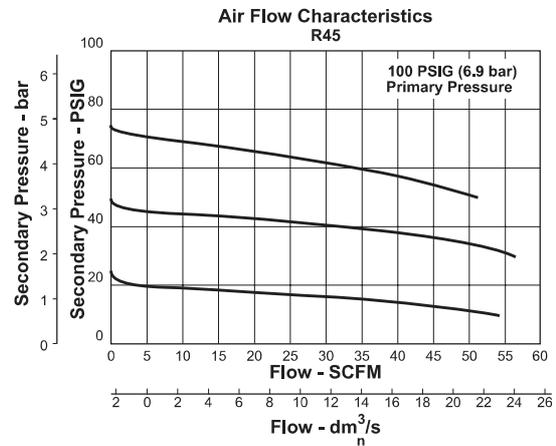
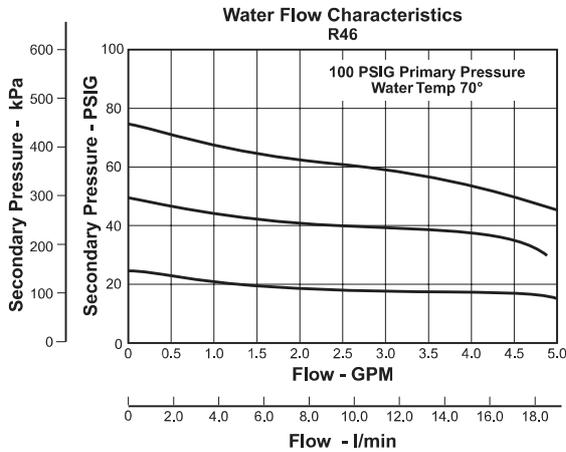
Ordering Information



BOLD ITEMS ARE MOST POPULAR.



Technical Information



⚠ 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.

R45, R46 Regulator Kits and Accessories

- Panel Mount Nut – Plastic R05X51
- Aluminum R05X51A
- Mounting Bracket and Nut SA161X57
- Service Kits – Relieving RKR45Y
- Non-Relieving RKR45KY
- Springs – 0-25 PSIG Spring SPR-46
- 0-60 PSIG Spring SPR-47
- 0-125 PSIG Spring SPR-48

Specifications

- Gauge Ports (2) 1/4 Inch
(Can be used for full flow)
- Pressure Rating – Maximum Inlet Pressure 150 PSIG (10.0 bar)
- Port Threads 1/4, 3/8 Inch
- Temperature Rating 40°F to 125°F (4°C to 52°C)
- Weight 0.38 lb. (0.17 kg)

Materials of Construction

- Adjusting Screw Steel
- Body Acetal
- Bonnet and Seat Acetal
- Diaphragm (R45) Buna N
- Diaphragm (R46) EPDM
- Seals (R45) Buna N
- Seals (R46) EPDM
- Springs Stainless Steel
- Valve Poppet (R45) Buna N
- Valve Poppet (R46) EPDM

