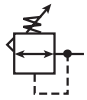
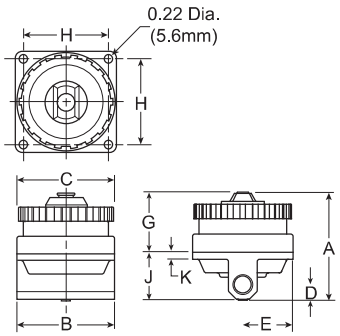
51R Dial Regulator – Relieving



Features

- Pressure Reference Indicating Dial Face
- Non-rising, Pressure-adjustment Knob
- Self-relieving
- Full Pressure Adjustment in Less than One Full Turn
- Recommended for Pilot-air Applications
- Flow Capacity: 1/4" – 0.7 SCFM§



Port Size	Standard Pressure 5 to 160 PSIG (0,34 to 11 bar)	Low Pressure 2 to 40 PSIG (0,14 to 3 bar)
1/4"	**51R126RA**	**51R125RA**

Bold Items are Most Popular.
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 25 PSIG pressure drop.

51R Regulator Dimensions				
A 2.80 (71)	**B** 2.60 (66)	**C** 2.60 (66)	**D** 0.40 (10)	**E** 1.30 (33)
G 1.56 (39.6)	**H** 2.20 (56)	**J** 1.25 (31.8)	**K** .18 (4.6)	

inches
(mm)

Ordering Information

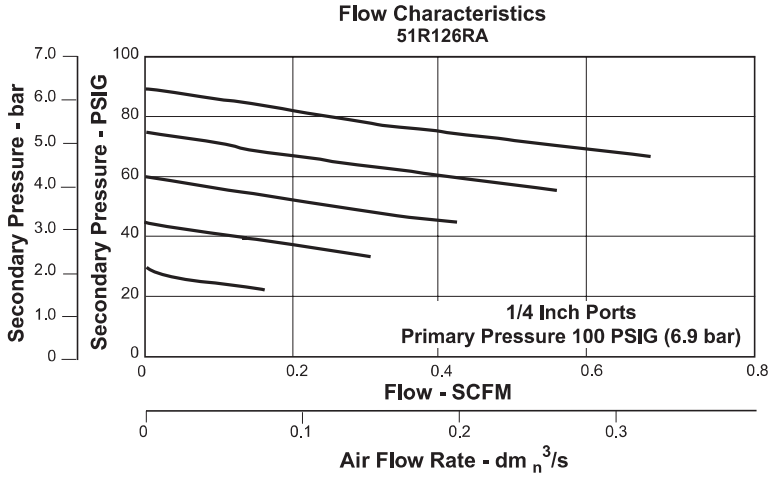
51R	1	26	R	A	

Port Size	Springs	Adjustment	Engineering Level	Thread Type
1 1/4 Inch	25 2 to 40 PSIG 26 5 to 160 PSIG	R Relieving	A Current	Blank NPT 1 BSPP

BOLD ITEMS ARE MOST POPULAR.

Pneumatic Division
Richland, Michigan
www.parker.com/watts

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.

51R Regulator Kits & Accessories

Adjustment Dial Knob RRP-16-024-80
O-ring, Repair Kit GRP-95-260
Piston and Bonnet Repair Kit RRP-95-765-80
Spring, Regulation, Belleville Washer
2 to 40 PSIG (276 kPa) RRP-95-906-80
5 to 160 PSIG (1103 kPa) RRP-95-905-80
Tamper Resistant Kit RRP-95-585-80
Valve, Pilot with O-ring and Valve Spring RRP-96-934-80

Specifications

Adjusting Range Pressure ..... 2 to 40 PSIG (14 to 276 kPa)
5 to 160 PSIG (34 to 1103 kPa)
Bleed Rate ..... 0.05 SCFM
Maximum Operating Temperature ..... 150°F (65.5°C)
Maximum Supply Pressure ..... 300 PSIG (2068 kPa)
Port Threads ..... 1/4"
Weight ..... 1.3 lb. (0.5 kg)

Materials of Construction

Body ..... Zinc
Bonnet ..... Zinc / Brass
Piston ..... Acetal
Seals ..... Nitrile
Springs ..... Steel
Valve Assembly ..... Brass / Nitrile / Acetal

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