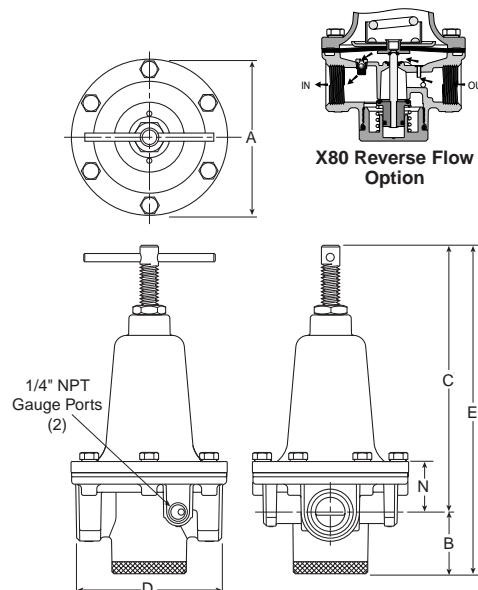


R119 Standard Regulators



Features

- High Flow Performance Featuring Rugged Design for the Most Demanding Applications
- Ideal for Those Installations Calling for Constant Pressure with Wide Variation in Flow
- Diaphragm Operated Design with Balanced Poppet Design for Quick and Accurate Regulation
- Secondary Aspiration Plus Balanced Poppet Provides Quick Response and Accurate Pressure Regulation
- Heavy Duty Tee Handle Adjustment
- Reverse Flow Version Available
- High Flow: 3/4" - 300 SCFM[§]
 1" - 400 SCFM[§]
 1-1/4" & 1-1/2" - 500 SCFM[§]



Port Size	NPT Relieving	BSPP Relieving
Without Gauge 0-125 PSIG Reduced Pressure		
3/4"	R119-06C	R119G06C
1"	R119-08C	R119G08C
1-1/4"	R119-10C	R119G10C
1-1/2"	R119-12C	R119G12C
With Gauge 0-125 PSIG Reduced Pressure		
3/4"	R119-06CG	—
1"	R119-08CG	—
1-1/4"	R119-10CG	—
1-1/2"	R119-12CG	—

R119 Regulator Dimensions					
A	B	C	D	E	N
R119-06C, R119-08C					
4.69 (119)	1.87 (47)	8.15 (207)	4.38 (111)	10.02 (255)	1.61 (41)
R119-10C, R119-12C					
4.94 (125)	1.81 (46)	8.53 (217)	4.94 (125)	10.34 (263)	1.99 (50.6)

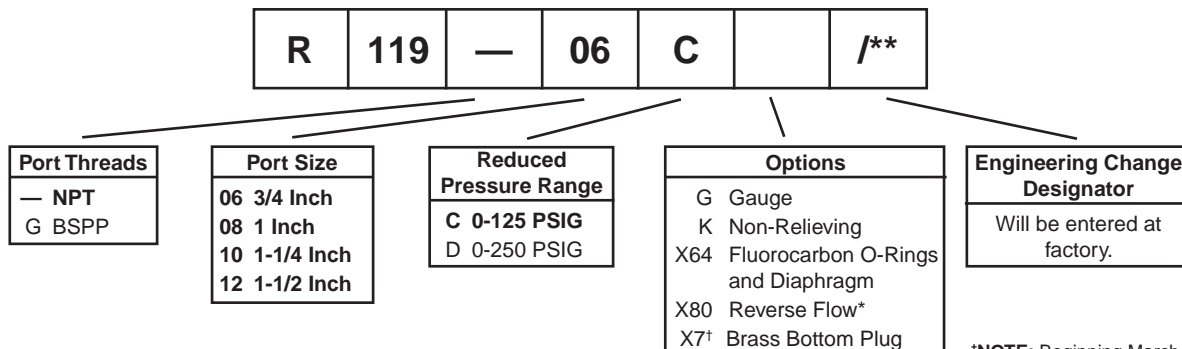
inches
(mm)

Bold Items are Most Popular.
 For other models refer to ordering information below.

§ SCFM = Standard cubic feet per minute at 100 PSIG inlet, 75 PSIG no flow secondary setting, and 20 PSIG pressure drop.

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

Ordering Information

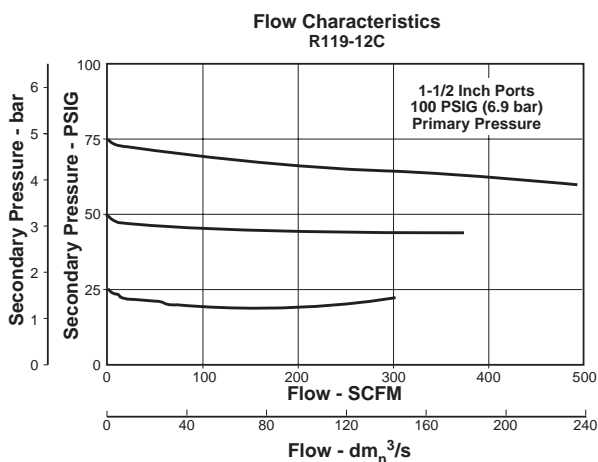
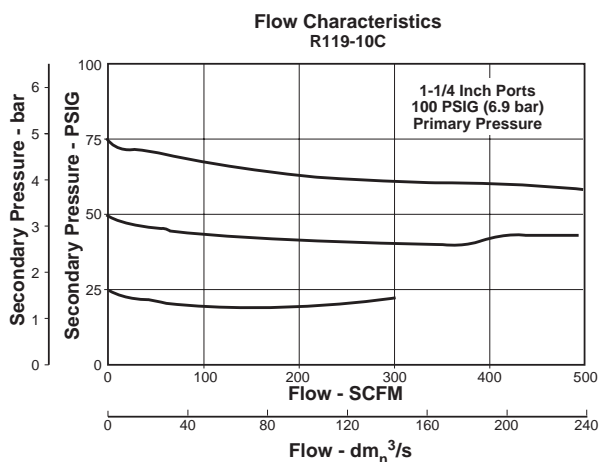
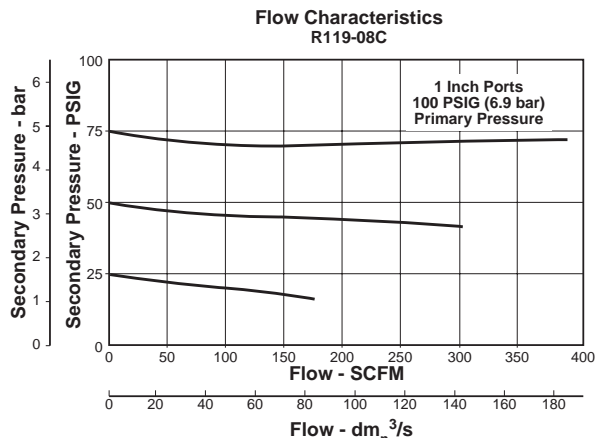
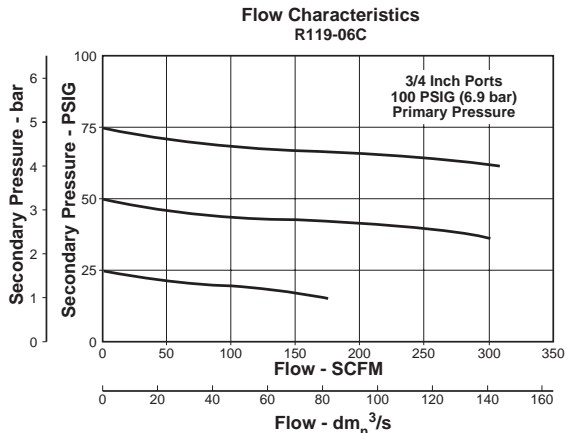


* Reverse flow for use downstream of control valves.

***NOTE:** Beginning March 2008, Brass Bottom Plug is Optional - Nylon is Standard.

BOLD ITEMS ARE MOST POPULAR.

Technical Information



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.

R119 Regulator Kits & Accessories

- Gauges –**
 2" Dial Size, 1/4" Back Connection
 0 to 60 PSIG (0 to 400 kPa) K4520N14060
 2" Dial Size, 1/4" Back Connection
 0 to 160 PSIG (0 to 1100 kPa) K4520N14160
 2" Dial Size, 1/4" Back Connection
 0 to 300 PSIG (0 to 2068 kPa) K4520N14300
- Mounting Bracket Kit** 18B57
- Repair Kits –**
 Non-Relieving Diaphragm,
 Valve Assembly (3/4", 1") RK118B
 Non-Relieving Diaphragm,
 Valve Assembly (1-1/4", 1-1/2") RK118D
 Relieving Diaphragm,
 Valve Assembly (3/4", 1") RK119B
 Relieving Diaphragm,
 Valve Assembly (1-1/4", 1-1/2") RK119D

For Fluorocarbon Repair Kits, add X64 to Kit Number suffix.

Specifications

- Gauge Ports (2)** 1/4 Inch
Port Threads 3/4, 1, 1-1/4, 1-1/2 Inch
Reduced Pressure Range 2 to 125 PSIG (0.15 to 8.5 bar)
Supply Pressure 300 PSIG Maximum (20.4 bar)
Temperature Rating 40°F to 125°F (4.4°C to 52°C)
- Weight –**
 R119-06, R119-08 6.2 lb. (2.81 kg) / Unit
 25 lb. (11.34 kg) / 4-Unit Master Pack
 R119-10, R119-12 7.2 lb. (3.27 kg) / Unit
 29 lb. (13.15 kg) / 4-Unit Master Pack

Materials of Construction

- Adjusting Screw, Springs** Steel
Body, Spring Cage Zinc
Bottom Plug Nylon
Innervalve Brass
Seals Buna N

