

## R120 Regulator



### Industry Benefits:

- Rugged design for most applications
- Facilitates the handling of harsh media
- Ideal for applications where constant pressure is needed
- Designed for quick response times and accurate pressure regulation
- Port sizes 1/4" thru 1" along with NPT and BSPP thread options
- Heavy duty tee handle
- High flow:
  - 1/4" – 100 SCFM<sup>§</sup>
  - 3/8" – 110 SCFM<sup>§</sup>
  - 1/2" – 150 SCFM<sup>§</sup>
  - 3/4" – 300 SCFM<sup>§</sup>
  - 1" – 400 SCFM<sup>§</sup>

<sup>§</sup> SCFM - Standard cubic feet per minute at 100 PSIG inlet, 75 PSIG no flow secondary setting, and 20 PSIG pressure drop.

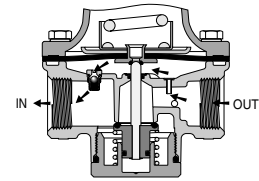
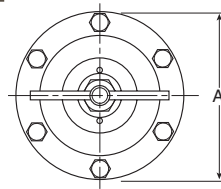
### Contact Information:

**Wilkerson Corporation**  
8676 E. M89  
Richland, MI 49083

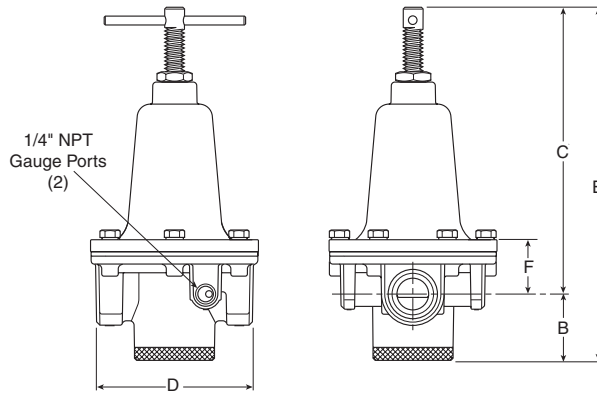
phone 269 629 2550  
www.wilkersoncorp.com  
pdnmktg@parker.com



# R120 Regulator



Reverse Flow Option



## Dimensions

Description	Inches (mm)	A	B	C	D	E	F
R120-XX-000, 1/4" & 3/8" Port		3.00 (76)	1.38 (35)	4.60 (117)	2.74 (70.5)	5.98 (152)	0.96 (24)
R120-X4-000, 1/2" Port		3.56 (90)	1.56 (40)	5.20 (132)	3.25 (83)	6.76 (172)	1.27 (32)
R120-XX-000, 3/4" & 1" Port		4.69 (119)	1.87 (47)	8.15 (207)	4.38 (111)	10.02 (255)	1.61 (41)



Description	Flow (SCFM) <sup>§</sup>	Max Pressure (PSIG)	Port Number
125 PSIG (8.5 bar) Relieving	100	300	R120-02-000
125 PSIG (8.5 bar) Relieving + Gauge	100	300	R120-02-G00
125 PSIG (8.5 bar) Relieving	110	300	R120-03-000
125 PSIG (8.5 bar) Relieving + Gauge	110	300	R120-03-G00
125 PSIG (8.5 bar) Relieving	150	300	R120-04-000
125 PSIG (8.5 bar) Relieving + Gauge	150	300	R120-04-G00
125 PSIG (8.5 bar) Relieving	300	300	R120-06-000
125 PSIG (8.5 bar) Relieving + Gauge	300	300	R120-06-G00
125 PSIG (8.5 bar) Relieving	400	300	R120-08-000
125 PSIG (8.5 bar) Relieving + Gauge	400	300	R120-08-G00

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

## 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.

**⚠ WARNING**

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