

**Miniature Non-repairable Pressure Regulator 1/4" Port Size**

- **Reliable pressure regulation at air flows up to 13 scfm (6 dm<sup>3</sup>/s)**
- **Compact design and light weight construction**
- **Wrench flats for easy installation**
- **Relieving piston design allows reduction of downstream pressure when the system is dead-ended**
- **Choice of left to right or right to left flow**



**Ordering Information.** Model listed has left to right flow, 5 to 125 psig (0.3 to 8.5 bar) outlet pressure adjustment range\*, and PTF threads. Gauge is not included.

Port Size	Model	Flow <sup>†</sup> scfm (dm <sup>3</sup> /s)	Weight lb (kg)
1/4"	R46-200-RNLA	13 (6)	0.2 (0.09)

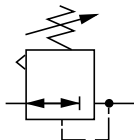
† Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and 15 psig (1 bar) droop from set.

**Alternative Models**

R 4 6 - ★ ★ ★ - ★ ★ ★ ★

Port Size	Substitute	Threads	Substitute
1/4"	2	PTF	A
		ISO Rc taper	B
		ISO G parallel	G
Flow Direction With Knob Up and Gauge Visible	Substitute	Outlet Pressure Adjustment Ranges*	Substitute
Left to Right	00	5 to 50 psig (0.3 to 3.5 bar)	E
Right to Left	02	5 to 125 psig (0.3 to 8.5 bar)	L
		5 to 150 psig (0.3 to 10 bar)	M
Piston Type	Substitute	Gauge	Substitute
Relieving	R	With	G
		Without	N

\* Outlet pressure can be adjusted to pressures in excess of, and less than, those specified. Do not use these units to control pressures outside of the specified ranges.

**ISO Symbols**


Relieving

**See Section ALE-24 for Accessories**

# R46 Miniature, Non-repairable Regulator



## Technical Data

Fluid: Compressed air  
 Maximum pressure: 250 psig (17 bar)  
 Operating temperature\*: -30° to 150°F (-34° to 65°C)  
 \*Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C).  
 Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and 15 psig (1 bar) droop from from set: 13 scfm (6 dm<sup>3</sup>/s)

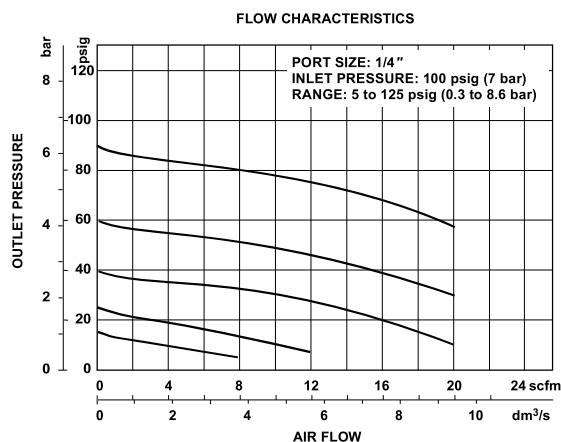
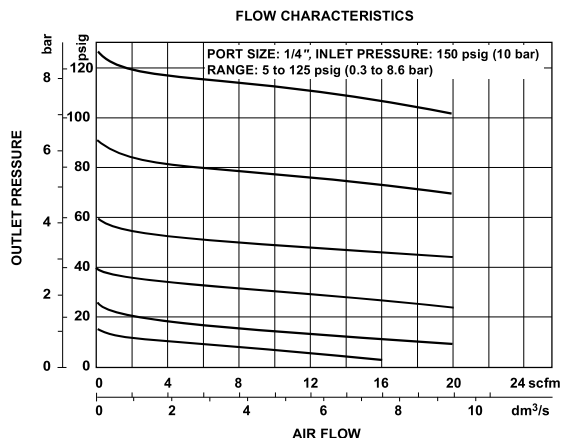
### Gauge ports:

- 1/8 PTF with PTF main ports
- Rc1/8 with ISO G and ISO Rc main ports

### Materials

- Body: Zinc
- Knob: Nylon
- Valve: Nitrile compound
- Valve seat: Acetal
- Elastomers: Nitrile

## Typical Performance Characteristics



All Dimensions in Inches (mm)

