

Line Regulators

VSR-120 Series

Product Features

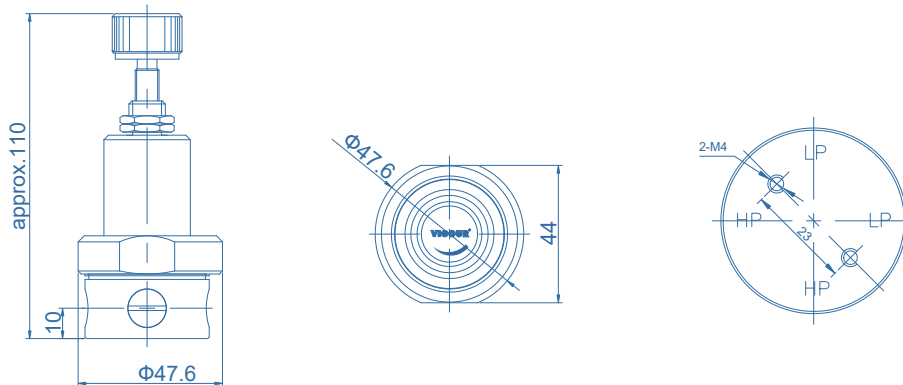
- Low pressure, high flow regulator
- Stainless steel 316L body, Aluminum body
- A variety of hole design, suitable for a variety of inlet and outlet gas structure
- Stable output pressure
- Simple outlet pressure limitation by handwheel
- Tested for use with oxygen

Typical Applications

- The hydrogen industry
- Supporting analysis industry
- Food and pharmaceutical industry



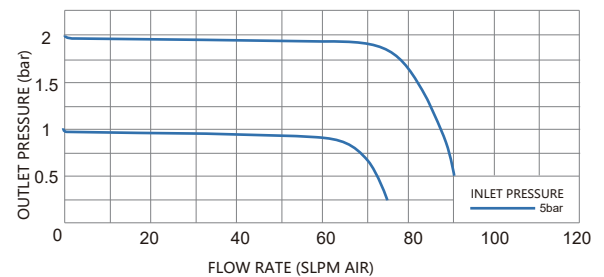
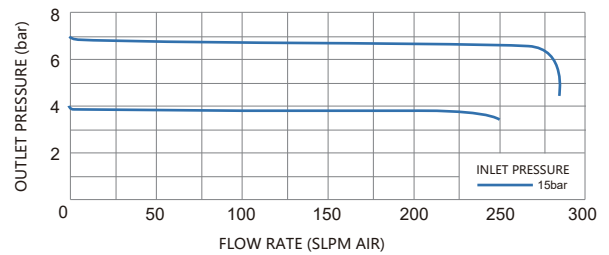
Dimensions (mm)



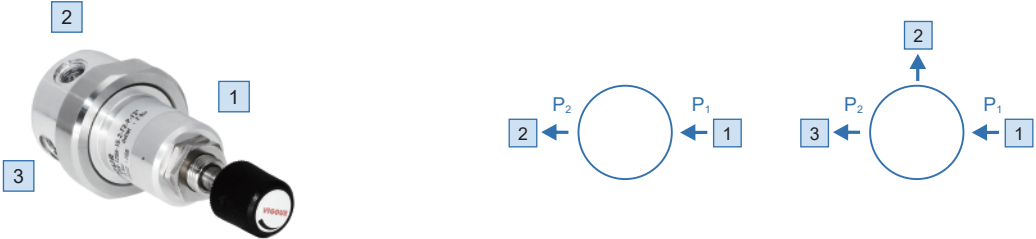
Technical Data

Type:	single-stage
Inlet pressure P ₁ :	max. 15 bar
Outlet pressure P ₂ :	1/2/4/7 bar
Materials	
Body regulator:	see ordering info
Valve seat:	Viton®(FKM)
Diaphragm:	PTFE+Neoprene
O-ring:	Viton®(FKM)
(option)	Kalrez®(FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/8"(standard), 1/4"(option)
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere):	1x10 ⁻⁸ mbar l/s He
(via seat):	1x10 ⁻⁶ mbar l/s He
Weight:	0.4kg (316L)
	0.2kg (Aluminum)

Flow Chart



Ordering Information



Inlets / Outlets

F2: 1/8" NPT(F)	F4: 1/4" NPT(F)	P: Gauge (Psig/bar)
M2: 1/8" NPT(M)	M4: 1/4" NPT(M)	

* Other connection standard, consult factory.

Port Selection

VSR - 120 A - 15 - 4 - 1 - 2 - 3 - N₂

<p>Body Material</p> <p>S: 316L</p> <p>A: Aluminum</p>	<p>Inlet Pressure P₁</p> <p>15: 15 bar</p>	<p>Outlet Pressure P₂</p> <p>1: to 1 bar</p> <p>2: to 2 bar</p> <p>4: to 4 bar</p> <p>7: to 7 bar</p>	<p>Type of Gas</p> <p>Please specify type of gas</p>
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Ordering Example

Example: VSR - 120A - 15 - 4 - F2 - P - F2 - N₂

1 - 2 - 3

