

BOC Series HP High-Pressure Regulators

Providing equipment solutions for our customers

Series HP Multi-stage Nitrogen Regulator

BOC's high-pressure multi-stage regulator is designed for precise control of very high-pressure nitrogen systems. The large surface area of the diaphragm gives accurate performance up to 42 bar. The BOC multi-stage regulators are designed to give constant, accurate delivery of the required pressure of gas, without the need for continuous readjustment. The high-pressure 42-bar nitrogen regulator has a heavily finned first-stage bonnet. This is designed to provide adequate dissipation of any cooling as a result of the pressure reduction of gas, particularly under high-flow applications.

Applications

- High-pressure testing of pressure vessels such as fire extinguisher bodies and hydraulic cylinders
- High-flow applications, using nitrogen at high pressure



Part number	41562
Description	Series HP Multi-stage 42-bar
Gas Used	Nitrogen
Delivery Pressure	600 psi 0–42 bar
Inlet Connection	BS341 no. 3 5/8" RH
Outlet Connection	3/8" RH
Max. Inlet Pressure	4500 psi 300 bar
Retail Price (inc VAT)	£402.61 (£342.65 ex vat)

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Series HP Single-stage Nitrogen Regulator

BOC's high-pressure single-stage nitrogen regulators are designed for service under heavy-duty conditions. The rugged construction, stainless steel diaphragms and forged high-tensile brass bodies used in the construction deliver both strength and precision.

Applications

- Pipelines
- High-flow systems
- Purging



Part number	41563	41564
Description	Series HP Single-stage 105-bar	Series HP Single-stage 175-bar
Gas Used	Nitrogen	Nitrogen
Delivery Pressure	1500 psi 0–105 bar	2500 psi 0–175 bar
Inlet Connection	BS341 no. 3 5/8" RH	BS341 no. 3 5/8" RH
Outlet Connection	1/4" Compression fitting	1/4" RH Compression fitting
Max. Inlet Pressure	4500 psi 300 bar	4500 psi 300 bar
Retail Price (inc VAT)	£409.32 (£348.36 ex vat)	£409.32 (£348.36 ex vat)