



# Cylinder Regulators

## Cylinder Regulator

Athena manufacturers various kinds of Regulators. Athena Regulators have been designed to meet the demand of High Purity Corrosion Resistance Product Specially Suited for low level PPM Moisture

Two types of Cylinder Regulators available Brass Chrome Plated body with SS diaphragm and SS body with SS diaphragm.

Regulator consists of inlet & outlet pressure gauges. Inlet pressure gauge shows the total pressure of cylinder and outlet pressure gauge shows regulated pressure.

High pressure piston type Regulator & Regulators for corrosive gases like Ammonia, Chlorine, etc. are also available.



### Nitrous Oxide Gas Two stage cylinder regulator

- SS316 / Brass Chromplated body with S S Diaphragm with Pre Heater
- Inlet pressure gauge 0-280 kg/cm<sup>2</sup>
- Outlet pressure gauge 0-14 kg/cm<sup>2</sup>

- Type: Single-stage / Double-stage/ Piston/
- Material of construction: SS 316 / Brass Chromplated
- Diaphragm: SS 316 with Teflon Seat
- Pressure Gauges: SS 316 / Brass
- Inlet Pressure: 0-210, 0-280, 0-450 kg/cm<sup>2</sup>
- Outlet Pressure: 0-2, 0-7, 0-10, 0-16, 0-40, 0-70, 0-100 & 0-280 kg/cm<sup>2</sup> as per requirement
- Flow (LPH): 300 (max)
- Gas Services: Air, N<sub>2</sub>, H<sub>2</sub>, HE, Acetylene, Argon, N<sub>2</sub>O, Methane, Ammonia, HCL, Chlorine, SO<sub>2</sub>, Isobutene & other gases
- Outlet Connection: 1/4, 1/8 Swage lock / Hose
- Inlet Connection: As per requirement of Gas

## Ammonium/ Chlorine gases



**High pressure single stage regulator with SS 316 body with SS 316 diaphragm with purge valve for Ammonium/ Chlorine gases.**  
Inlet pressure 0-42 kg/cm<sup>2</sup> & Outlet pressure gauge 0-7 kg/cm<sup>2</sup>

**High pressure single stage regulator with SS 316 body with SS 316 diaphragm with purge valve for Ammonium gases.** Inlet pressure 0-42 kg/cm<sup>2</sup> & Outlet pressure gauge 0-7 kg/cm<sup>2</sup>

Ammonia Gas Regulators. The offered regulators are widely used for regulating high pressure ammonia gas in pipeline or cylinder for required working pressure. These regulators are highly appreciated by our clients for their durability and easy installation feature

- Type: Single-stage
- Material of construction: SS 316
- Diaphragm: SS 316 with Teflon Seat
- Pressure Gauges: SS 316
- Inlet Pressure: 0-42 kg/cm<sup>2</sup>
- Outlet Pressure: 0-7 kg/cm<sup>2</sup>
- Flow (LPH): 300 (max)
- Gas Services Ammonia
- Outlet Connection: 1/4, 1/8 Swage lock / Hose
- Inlet Connection: As per requirement of Gas

## CO, CO<sub>2</sub>, Helium, Argon, Oxygen, Cl<sub>2</sub>, H<sub>2</sub>S, SO<sub>2</sub>, NH<sub>3</sub>, N<sub>2</sub>, H<sub>2</sub>, Air, Gases Regulators

### HIGH PRESSURE PISTON TYPE REGULATOR



**High pressure piston type cylinder regulator brass chromplated body.**

- Inlet pressure gauge 0-280 kg/cm<sup>2</sup>
- Outlet pressure gauge 0-100 kg/cm<sup>2</sup> (as per requirement)
- For O<sub>2</sub>, Ar, He, CO<sub>2</sub>, N<sub>2</sub>, H<sub>2</sub>, Air, Gas

**High pressure piston type cylinder regulator SS316 body.**

- Inlet pressure gauge 0-280 kg/cm<sup>2</sup>
- Outlet pressure gauge 0-100 kg/cm<sup>2</sup> (as per requirement)
- For O<sub>2</sub>, Ar, He, CO<sub>2</sub>, N<sub>2</sub>, H<sub>2</sub>, Air, Gas

### LINE REGULATOR HIGH PRESSURE



#### Line Pressure Regulator

- Single / Two Stage pressure regulator- Pressure regulator the pressure is 150 kg/cm<sup>2</sup>, after pressure regulator the pressure is about 0-7 kg/cm<sup>2</sup>, 1/2", 3/4", 1", 2" Pipe with NRV Safety Valve
- Inlet Pressure: 150 Bar / 210 Bar (kg/cm<sup>2</sup>)
- Outlet Pressure: 7 / 14 / 40 / 100 / 140 Bar (kg/cm<sup>2</sup>) (Pressure Settable)
- MOC: SS Diaphragm with Stainless Steel body



## ATHENA TECHNOLOGY

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