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# REGULATOR 510 CO2 FLOW CGA320

Product group: **193** Product number: **510012**

Single-stage Shielding Gas Regulators used for Carbon Dioxide (CO<sub>2</sub>) gas especially for UNITOR C-9 and C-27 cylinders.



## Product information

For use to regulate shielding gas cylinder pressure to suitable working pressure and supplies a steady stream of shielding gas to the torch especially for wire welding.

Apart from replacing damaged or faulty gauges, repairs should never be attempted on gas regulators. Faulty, old or corroded regulators should be replaced. Internal seals and membranes will deteriorate with time, and as a rule gas regulators should be replaced with maximum 5 years intervals.

## Features

- Built according to international norm EN ISO 2503
- Single-stage
- Inlet connection: CGA320 / 0.825"-14 NGO-RH-Int
- Outlet connection: 3/8" BSP RH Ext
- Max inlet pressure: 200 bar
- Equipped with a flow meter with hose connections for 1/4"
- Comes with a pressure relief valve

## Benefits

- Reduces cylinder pressure to safe working pressure.
- No need for adjustment during work
- Provides constant flow of gas at right pressure
- Connects to all standard hose dimensions

## Specification

### General

Invent Hazard Material (IMO/EU) classification	NA
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### Dimensions/Weight

Connection [Size/ Type]	CGA320/0.825"-14 NGO-RH-EXT
Dimensions L x W x H [mm]	100 x 300 x 230

### Technical data

Burst pressure [bar]	60 bar minimum
Inlet pressure [bar]	200 maximum
Operating pressure [bar]	20 bar maximum
Safety outlet opening pressure [bar]	20
Test Pressure [bar]	40 bar

## Documents

[Cylinder Gas Regulators Manual 2011](#)

[SDoC and MD for IHM](#)

## Related products

### Accessories

**550160**  
WASHER ALU 10 PCS FOR OX REGULATOR

**619379**  
MANOMETER/GAUGE GUARD +

**550178**  
CONTENTS GAUGE OX/AR 0-400 BAR

Is accessory to

**905619**  
CARBON DIOXIDE C-9 FILLING  
**905695**  
CARBON DIOXIDE C-27 FILLING

Is frequently bought together with

**905034**  
OXYGEN O-40 FILLING

**905581**  
UNIMIX 20 M-502 FILLING

**510010**  
REGULATOR 510 AR/CO2 FLOW 0-35L/MIN

**905026**  
ACETYLENE A-40 FILLING

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