

Heavy Duty Single Stage Series 40™ Regulators



Regulator
With Hard Hat™

BRASS CONSTRUCTION FOR DEPENDABLE SERVICE IN CORROSIVE ATMOSPHERES

Series 40™ single stage regulators comprise a complete line of versatile regulators for welding, cutting, heating and other industrial applications. Heavy duty construction and simplified design provides high gas flow and longer trouble-free operation. Stainless steel diaphragm allows use with liquid gases.



Flow Data & Cross Reference to old model numbers available on Smith Website under Tech & Safety Info. smithequipment.com

PART# DEFINITION

Example: **40-15-510**

- 40 → SERIES
- 15 → MAXIMUM OUTLET PRESSURE
- 510 → CYLINDER CGA CONNECTION

3 Year Limited Warranty

Regulators
Flowmeters

Oxygen Regulators

| Stock Number | Gas Used | Delivery Pressure | Gauges (2-1/2" / 64mm Dia.) | | Inlet Connection | Outlet Connection | Max Inlet Pressure |
|--------------|----------|------------------------|-----------------------------|--------------------|------------------|--------------------|----------------------|
| | | | Inlet | Outlet | | | |
| 40-175-540 | Oxygen | 0-175 PSIG | 4000 PSIG | 200 PSIG | CGA 540 | 9/16"-18 RH "B" | 3000 PSIG 207 Bar |
| 40-175-540S* | | 0-12 Bar | 276 Bar | 14 Bar | | | |
| 40-275-540 | | 6-275 PSIG 0-19 Bar | | 400 PSIG 14 Bar | | | |

Acetylene Regulators

| Stock Number | Gas Used | Delivery Pressure | Gauges (2-1/2" / 64mm Dia.) | | Inlet Connection | Outlet Connection | Max Inlet Pressure |
|--------------|-----------|-------------------|-----------------------------|---------|------------------|--------------------|--------------------|
| | | | Inlet | Outlet | | | |
| 40-15-300 | Acetylene | 0-15 PSIG | 400 PSIG | 30 PSIG | CGA 300 | 9/16"-18 LH "B" | 400 PSIG 28 Bar |
| 40-15-300S* | | 0-1 Bar | 28 Bar | 2 Bar | | | |
| 40-15-510 | | | | | CGA 510 | | |
| 40-15-510S* | | | | | | | |

Propane, Propylene & Natural Gas Regulators

| Stock Number | Gas Used | Delivery Pressure | Gauges (2-1/2" / 64mm Dia.) | | Inlet Connection | Outlet Connection | Max Inlet Pressure |
|--------------|----------|----------------------|-----------------------------|------------------|------------------|--------------------|--------------------|
| | | | Inlet | Outlet | | | |
| 40-50-510 | LP Gas | 0-50 PSIG 0-3 Bar | 400 PSIG 28 Bar | 60 PSIG 4 Bar | CGA 510 | 9/16"-18 LH "B" | 400 PSIG 28 Bar |

Other Gases

| Stock Number | Gas Used | Delivery Pressure | Gauges (2-1/2" / 64mm Dia.) | | Inlet Connection | Outlet Connection | Max Inlet Pressure |
|--------------|----------|------------------------|-----------------------------|--------------------|------------------|------------------------|----------------------|
| | | | Inlet | Outlet | | | |
| 40-275-580 | Nitrogen | 0-275 PSIG 0-19 Bar | 4000 PSIG 276 Bar | 400 PSIG 28 Bar | CGA 580 | 5/8"-18 RH Internal | 3000 PSIG 207 Bar |

* Includes HB190 "Hard Hat™" Gauge Guard.

ACCESSORIES



HB190 "Hard Hat"™ Gauge/Regulator Guards
see page 70



Check Valves
see page 68



Flashback Arrestors
see page 67

