

Amber
Global Gases



FIXED FLOW REGULATORS



Fixed Flow Regulator
Brass Nickel Plated



Fixed Flow Regulator
Stainless Steel



HP Fixed Flow Regulator



Fixed Flow Reg CGA600



Push Type Regulator



Small Fixed Flow
Regulator C10



Push Button Regulator



Fixed flow regulators are used for calibration gases and industrial safety monitors. These are available in preset flow settings from 0.1 to 8.0 LPM.

SPECIFICATIONS	
◆ Maximum inlet pressure	1200 PSI (C-10)/500 PSI (CGA600)/200bar (HP-1/4"FNPT)
◆ Outlet Pressure	40-60 PSIG
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Brass Nickel Plated/ Stainless Steel
◆ Bonnet	Brass Nickel Plated/ Stainless Steel
◆ Piston	Brass Nickel Plated/ Stainless Steel
◆ Seals and seats	Viton, Teflon
◆ Gauge	0 TO 1500 PSIG/ 0 to 600 PSI / 0 to 300 Bar
◆ Inlet connection	C-10 (5/8 x 18 UNF)/ CGA600 (1" x 20UN)/ 1/4" F-NPT
◆ Outlet connection	3/16" hose barb
◆ Flow	0.1 TO 8.0 L/Mn pre-set
◆ Flow Adjustment	Flow Of These Regulators Can Be Adjusted From Top Using 1/16" Hex Allen Wrench
◆ Varients	Stainless Steel Version For Reactive Gases And High Pressure Varients With 1/4"FNPT Inlet Are Available

C10 CYLINDER VALVES



C10 Brass Nickel Plated Valve
with temperature relief fuse



C10 Aluminum Valve
ENP plated-3/4"UN inlet



C10 Stainless Steel Valve



CGA600 Valve



Non-Refillable
C10 Stainless Steel Valve



C10 Stainless Steel Valve
with temperature relief fuse



**C10 Valves (5/8" - 18UNF - 2B) are used with aluminum portable cylinders
for calibration gas industry**

SPECIFICATIONS	
◆ Maximum inlet pressure	1200 PSI
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Stainless Steel 303/ Brass Chrome Plated With TRF/ Aluminum ENP
◆ Spindle & internal	SS 303
◆ Spring	SS 302
◆ Seals and seats	Viton & Nitrile
◆ Inlet Connection	1"X 14 UN/ 3/4"UN
◆ Outlet Connection	5/8"X 18 UN
◆ Spring Holder	Aluminum

Demand Flow Regulators



Aluminum
Demand Flow Regulator



Demand Flow Regulator
Brass Nickel Plated



CGA600
Demand Flow Regulator



HP Demand Flow Regulator



Demand Flow Regulator
Stainless Steel

Demand flow regulator used for calibration gases, pump based instruments and hand held gas detectors. Demand flow regulator supply gas as demanded by the instrument and automatically shuts off.

SPECIFICATIONS	
◆ Maximum Inlet Pressure	1200 PSI (C-10 INLET CONNECTION)/ 200 BAR (HP-1/4" F-NPT)/ CGA 600-500 PSI
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Brass Nickel Plated/ Stainless Steel 303/ Aluminum
◆ Bonnet	Aluminum Anodized
◆ Piston	Brass/ SS303
◆ Seals And Seats	Viton, Nitrile & Teflon
◆ Diaphragm	Nitrile
◆ Gauge	0 TO 1500 PSIG/ 0 TO 300 BAR/ 0 To 500 PSIG
◆ Inlet Connection	C-10 (5/8 x 18 UNF)/ 1/4" F-NPT/ CGA 600
◆ Outlet Connection	3/16" Hose Barb

Flow Control Valves



FCV Aerosol



FCV-CGA600



FCV-Aerosol inlet with gauge



FCV-CGA600-Flow meter



FCV-C-10 inlet with gauge

Flow control valves are used for calibration gases and industrial safety monitors.

SPECIFICATIONS	
◆ Maximum inlet pressure	500 PSI (CGA600)/ 1000 PSI (C10)/ 20 BAR (Aerosol)
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Brass Nickel Plated
◆ Bonnet	Brass Nickel Plated
◆ Spindle	Brass
◆ Seats	Nirile
◆ Inlet Connection	CGA600 (1" x 20 UNEF)/ C10/ Aerosol
◆ Outlet Connection	3/16" Hose Barb
◆ Flow Meter	Acrylic
◆ Flow Indicating ball	Stainless Steel
◆ Barbed outlet	PC/ Aluminum
◆ Knob	Aluminum Anodized

Vari-Flow Regulator



VFR
Aluminum anodized



HP VFR-Stainless Steel/
Aluminum anodized



VFR- Stainless Steel/
Aluminum anodized

Vari-flow regulators are used for calibration gases and industrial safety monitors. These are available in preset flow settings from 0.3 to 8.0 LPM.

SPECIFICATIONS	
◆ Maximum inlet pressure	1200 PSI / 3000 PSI
◆ Outlet Pressure	40-60 PSIG
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Aluminum Anodized/ SS303
◆ Bonnet	Aluminum Anodized/SS303
◆ Piston	Brass/ SS303
◆ Seals And Seats	Viton, Teflon
◆ Gauge	0 To 1500 psig/ 0 To 300 Bar For HP
◆ Inlet Connection	C10 (5/8" X 18unf)/ 1/4"FNPT
◆ Outlet Connection	3/16" Hose Barb
◆ Flow	0 To 8.0l/mn 0-0.3-0.5-1.0-1.5-2.0-2.5-3.0-5.0-6.0-7.0-8.0 LPM
◆ Varients	HP Versions With 1/4"fnpt Available For 200 Bar Inlet Pressure

SEPTUM REGULATOR



Septum Regulators are designed for laboratory applications where syringe is used to extract the gas samples.

SPECIFICATIONS	
◆ Maximum inlet pressure	1200 PSI
◆ Outlet Pressure	40-60 PSIG
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Brass Nickel Plated
◆ Bonnet	Brass Nickel Plated
◆ Piston	Brass
◆ Seals And Seats	Viton, Teflon
◆ Gauge	0 TO 1500 PSIG BRASS
◆ Flow	1.0 LPM
◆ Inlet Connection	C10 (5/8" X 18UNF)
◆ Outlet Connection	SEPTUM
◆ Outlet Knob	Aluminum Anodized
◆ On/off Knob	Aluminum Knob

ADAPTORS



C10 x 1/4" NPT-M

SPECIFICATIONS

◆ Body	Brass Nickel Plated/ Stainless Steel 303
◆ Seals	Viton & Nitrile
◆ Circlip	Nickel Plated
◆ Washers	Stainless Steel
◆ Inlet	C10 (5/8" x 18 UN)
◆ Outlet	1/4" NPT-M



1/4" NPT -M X C10 F

SPECIFICATIONS

◆ Body	Stainless Steel
◆ Seals	Viton & Nitrile
◆ Inlet	C10 (5/8" x 18 UN)
◆ Outlet	1/4" NPT-M



CGA600 x C10 F

SPECIFICATIONS

◆ Body	Brass Nickel Plated
◆ Seals	Viton & Nitrile
◆ Spindle	Brass
◆ Inlet	CGA600 (1" x 20 UN)
◆ Outlet	C10 (5/8" x 18 UN) -F

Trigger Regulator



Trigger Regulator

**Trigger regulator used for calibration gases and industrial safety monitors.
These are available in preset flow settings from 0.1 to 8.0 lpm**

SPECIFICATIONS	
◆ Maximum inlet pressure	1200 PSI
◆ Outlet Pressure	40-60 PSIG
◆ Leak Rate	Bubble Tight
◆ Body Raw Material	Brass Nickel Plated
◆ Bonnet	Brass Nickel Plated
◆ Piston	Brass
◆ Seals And Seats	Viton, Teflon
◆ Gauge	0 TO 1500 PSIG BRASS
◆ Inlet Connection	C10 (5/8" X 18UNF)
◆ Outlet Connection	6mm Straight
◆ Trigger	Stainless Steel

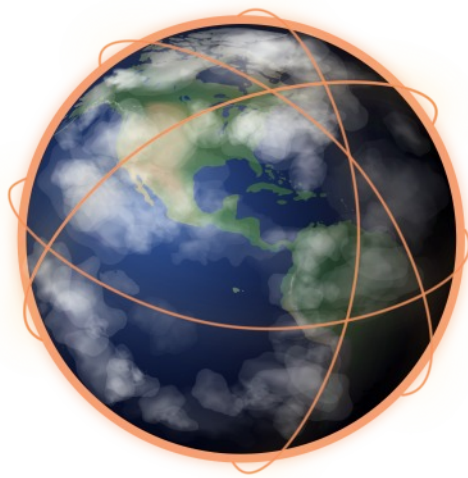
Integrated C-10 Valve + Regulator



Integrated C10 Valve + Regulator

Integrated C10 valve + fixed flow regulator is a combo product which will benefit the user with no contamination of gases and hassle free use as the pressure reducing regulator is inbuilt.

SPECIFICATIONS	
◆ Maximum Inlet Pressure	1200 PSI
◆ Leak Rate	Bubble Tight
◆ Outlet Pressure	40 TO 60 PSIG
◆ Body Raw Material	SS303
◆ Valve Housing	SS303
◆ Piston	SS303
◆ Seals And Seats	Viton, Nitrile & Teflon
◆ Gauge	0 TO 1500 PSIG SS
◆ Flow	0 To 8 L/Mn Adjustable
◆ Inlet Connection	1" X 14 UN
◆ Outlet Connection	3/16" Hose Barb



Amber
Global Gases

Matt Daniels

Amber Global Gases Ltd

+44 161 726 5024

+44 7749 855 656

www.amberglobalgases.co.uk