

# MULTISTAGE GAS REGULATORS - STAINLESS STEEL DIAPHRAGM

Designed for gas chromatography application where a constant working Pressure is important over a wide range of inlet pressures and flow rates. Designed for applications where a constant working pressure is critical over a wide range of inlet pressures and flow rates. VWR multistage gas regulators feature safe, accurate and sensitive pressure control. Solid forged brass body contains two regulators. First stage reduces full cylinder pressure. Second stage delivers a constant pressure to the regulator outlet. Particulates, tank scale, and rust are eliminated from gas stream with sintered inlet filter.

## Material:

Body: Brass  
 Bonnet: Die Cast  
 Seat: One-piece encapsulated seat design with an internal filter and a PTFE Teflon seat  
 Diaphragm: Stainless Steel  
 Gauge: 2"  
 Outlet: Needle valve with 1/4" NPT male outlet thread  
 1/4" Hose barb also included

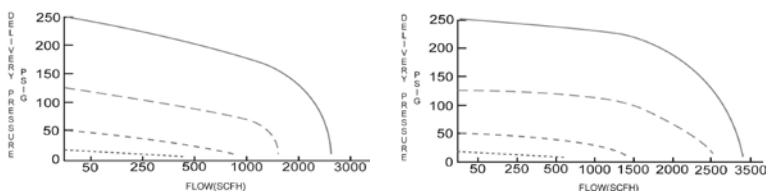
## Features:

Conforms to CGA E-4  
 Self-seating internal relief valve

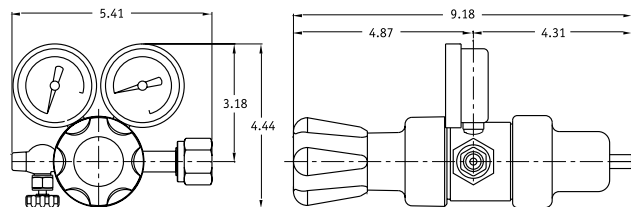


Gas	Inlet CGA	Flow Capacity, Standard CFH	Delivery Range, psi	Delivery Pressure Gauge, psig	Supply Pressure Gauge, psig	Catalog No.
Arg/Nit/Hel	580	255/305/1350	0-15	30	4000	55850-420
Arg/Nit/Hel	580	765/915/2430	0-50	60	4000	55850-422
Arg/Nit/Hel	580	1445/1730/4590	0-125	200	4000	55850-424
Carbon Dioxide	320	240	0-15	30	4000	55850-412
Carbon Dioxide	320	1377	0-125	200	4000	55850-416
Carbon Dioxide	320	1863	0-250	400	4000	55850-418
Hydrogen	350	1140	0-15	30	4000	55850-428
Hydrogen	350	3420	0-50	60	4000	55850-430
Hydrogen	350	6460	0-125	200	4000	55850-432
Hydrogen	350	8740	0-250	400	4000	55850-434
Oxygen	540	285	0-15	30	4000	55850-436
Oxygen	540	855	0-50	60	4000	55850-438
Oxygen	540	1615	0-125	200	4000	55850-440
Oxygen	540	2185	0-250	400	4000	55850-442
Industrial Oxygen Mix	296	300	0-15	30	4000	55850-452
Industrial Oxygen Mix	296	1700	0-125	200	4000	55850-456
Industrial Oxygen Mix	296	2300	0-250	400	4000	55850-458
Medical Oxygen Mix—Includes O2 and CO2 (less than 7%)						
	280	285	0-15	30	4000	55850-444
	280	855	0-50	60	4000	55850-446
	280	2185	0-250	400	4000	55850-450
Medical Oxygen Mix—(Includes O2 and CO2 greater than 7%)						
	500	290	0-15	30	4000	55850-460
	500	880	0-50	60	4000	55850-462
	500	1600	0-125	200	4000	55850-464
	500	2200	0-250	400	4000	55850-468

## FLOW DATA



## DIMENSIONS



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